MHI

TECHNICAL MANUAL

Manual No.'14•SCM-T-167
updated November 27, 2014

INVERTER MULTI-SPLIT SYSTEM RESIDENTIAL AIR-CONDITIONERS

(Split system, air to air heat pump type)

(OUTDOOR UNIT)

SCM40ZM-S
45ZM-S
50ZM-S
60ZM-S
SCM71ZM-S
80ZM-S
100ZM-S
125ZM-S

(INDOOR UNIT)

Wall mounted type
SRK20ZMX-S
25ZMX-S
35ZMX-S
50ZMX-S
60ZMX-S
SRK20ZM-S
25ZM-S
35ZM-S
50ZM-S
SRK71ZM-S

Floor standing type
SRF25ZMX-S
35ZMX-S
50ZMX-S

Ceiling concealed type
SRR25ZJ-S
35ZJ-S
50ZJ-S
60ZJ-S1

4way ceiling cassette type
FDTC25VF
35VF
50VF
60VF

Ceiling suspended type
FDEN50VF

Duct connected Low/Middle static pressure type
FDUM50VF

MITSUBISHI HEAVY INDUSTRIES, LTD.

CONTENTS

This technical manual describes matters related to the outdoor units.
For any others and those related to the indoor units, refer to the Technical Manual '14 • SCM-T-150.
For applicable models, refer to the following comparison table.

■ Table of outdoor unit models

Outdoor unit	Regarding the outdoor unit
SCM40ZM-S	SCM40ZJ-S
SCM45ZM-S	SCM45ZJ-S
SCM50ZM-S	SCM50ZJ-S1
SCM60ZM-S	SCM60ZJ-S1
SCM71ZM-S	SCM71ZJ-S1
SCM80ZM-S	SCM80ZJ-S1
SCM100ZM-S	SCM100ZJ-S1
SCM125ZM-S	SCM125ZJ-S1

1. SPECIFICATIONS

Adapted to **RoHS** directive

Item				Model	SCM40ZM-S
Cooling capacity (1)				W	4000 (1800 (Min.)–5900 (Max.))
Heating capacity (1)				W	4500 (1400 (Min.)–6900 (Max.))
Power source					1 Phase, 220–240 V, 50Hz
Operation data (1)	Power consumption		Cooling	kW	0.84 (0.49–1.90)
			Heating		0.90 (0.47–2.30)
	Running current		Cooling	A	3.9 / 3.7 / 3.5 (220 / 230 / 240 V)
			Heating		4.1 / 4.0 / 3.8 (220 / 230 / 240 V)
	Inrush current				4.1 / 4.0 / 3.8 (220 / 230 / 240 V)
	Max current (5)				14
	COP		Cooling		4.76
			Heating		5.00
	Noise level	Cooling	Sound level	dB (A)	47
			Power level	dB	60
		Heating	Sound level	dB (A)	48
			Power level	dB	62
Exterior dimensions (Height x Width x Depth)				mm	640 x 850 x 290
Exterior appearance (Munsell color)					Stucco white (4.2Y 7.5/1.1) near equivalent
Net weight				kg	47
Refrigerant equipment	Compressor type & Q'ty				RM-T5113MDE2 (Twin rotary type) x 1
	Motor (Starting method)			kW	1.4 (Line starting)
	Refrigerant oil			ℓ	0.45 (DIAMOND FREEZE MA68)
	Refrigerant (4)			kg	R410A 2 (Pre-Charged up to the piping length of 30m)
	Heat exchanger				M fins & inner grooved tubing
	Refrigerant control				Capillary tubes + Electronic expansion valve
	Device control				Microcomputer control
Air handling equipment	Fan type & Q'ty				Propeller fan x 1
	Motor			W	34
	Air flow		Cooling	m^3/min	40.0
			Heating		40.0
Shock & vibration absorber					Cushion rubber (for compressor)
Electric heater					Crank case heater (220V 20W)
Safety devices					Compressor overheat protection, Overcurrent protection, Frost protection, Serial signal error protection, Outdoor fan motor error protection, Heating & Cooling overload protection
Installation data	Refrigerant piping size (O.D)			mm	Liquid line: ϕ6.35 (1/4") × 2
					Gas line: ϕ9.52 (3/8") × 2
	Connecting method				Flare connecting
	Insulation for piping				Necessary (Both sides), independent
	Length for one indoor unit			m	Max. 25
	Total length for all rooms				Max. 30
	Vertical height difference between outdoor unit and indoor unit				Max. 15 (Outdoor unit is higher) Max. 15 (Outdoor unit is lower)
	Height difference of the indoor units				Max. 25
Recommended breaker size				A	25
Connection wiring	Size x Core number				1.5mm² x 4 cores (Including earth cable)
	Connecting method				Terminal block (Screw fixing type)
IP number					IPX4
Accessories (included)					Installation sheet, Elbow, Grommet
Indoor unit to be combined					SRK20,25,35ZMX(A)-S SRK20,25,35ZM(A)-S SRF25,35ZMX(A)-S SRR25,35ZJ-S FDTC25,35VF
Number of connectable indoor units					2
Total of indoor units				kW	Max. 6

Note (1) The data are measured at the following conditions. The pipe length for one indoor unit is 7.5m.

Item / Operation	Indoor air temperature		Outdoor air temperature		Standards
	DB	WB	DB	WB	
Cooling	27˚C	19˚C	35˚C	24˚C	ISO-T1, JIS C 9612
Heating	20˚C	—	7˚C	6˚C	

(2) This air-conditioner is manufactured and tested in conformity with the ISO.
(3) The operation data are applied to the 220/230/240V districts respectively.
(4) The refrigerant quantity to be charged includes the refrigerant in 30m connecting piping.
(Purging is not required even for the short piping.)
(5) Current value at maximum number of indoor units connected.

RWC000Z284

Adapted to **RoHS** directive

Item				Model	SCM45ZM-S
Cooling capacity (1)				W	4500 (1800 (Min.)–6400 (Max.))
Heating capacity (1)				W	5600 (1400 (Min.)–7400 (Max.))
Power source					1 Phase, 220–240 V, 50Hz
Operation data (1)	Power consumption		Cooling	kW	1.04 (0.49–2.14)
			Heating		1.20 (0.47–2.57)
	Running current		Cooling	A	4.8 / 4.6 / 4.4 (220 / 230 / 240 V)
			Heating		5.5 / 5.3 / 5.1 (220 / 230 / 240 V)
	Inrush current				5.5 / 5.3 / 5.1 (220 / 230 / 240 V)
	Max current (5)				14
	COP		Cooling		4.33
			Heating		4.67
	Noise level	Cooling	Sound level	dB (A)	47
			Power level	dB	60
		Heating	Sound level	dB (A)	49
			Power level	dB	62
Exterior dimensions (Height x Width x Depth)				mm	640 x 850 x 290
Exterior appearance (Munsell color)					Stucco white (4.2Y 7.5/1.1) near equivalent
Net weight				kg	47
Refrigerant equipment	Compressor type & Q'ty				RM-T5113MDE2 (Twin rotary type) x 1
	Motor (Starting method)			kW	1.4 (Line starting)
	Refrigerant oil			ℓ	0.45 (DIAMOND FREEZE MA68)
	Refrigerant (4)			kg	R410A 2 (Pre-Charged up to the piping length of 30m)
	Heat exchanger				M fins & inner grooved tubing
	Refrigerant control				Capillary tubes + Electronic expansion valve
	Device control				Microcomputer control
Air handling equipment	Fan type & Q'ty				Propeller fan x 1
	Motor			W	34
	Air flow		Cooling	m^3/min	40.0
			Heating		40.0
Shock & vibration absorber					Cushion rubber (for compressor)
Electric heater					Crank case heater (220V 20W)
Safety devices					Compressor overheat protection, Overcurrent protection, Frost protection, Serial signal error protection, Outdoor fan motor error protection, Heating & Cooling overload protection
Installation data	Refrigerant piping size (O.D)			mm	Liquid line: ϕ6.35 (1/4") × 2
					Gas line: ϕ9.52 (3/8") × 2
	Connecting method				Flare connecting
	Insulation for piping				Necessary (Both sides), independent
	Length for one indoor unit			m	Max. 25
	Total length for all rooms				Max. 30
	Vertical height difference between outdoor unit and indoor unit				Max. 15 (Outdoor unit is higher) Max. 15 (Outdoor unit is lower)
	Height difference of the indoor units				Max. 25
Recommended breaker size				A	25
Connection wiring	Size x Core number				1.5mm² x 4 cores (Including earth cable)
	Connecting method				Terminal block (Screw fixing type)
IP number					IPX4
Accessories (included)					Installation sheet, Elbow, Grommet
Indoor unit to be combined					SRK20,25,35ZMX(A)-S SRK20,25,35ZM(A)-S SRF25,35ZMX(A)-S SRR25,35ZJ-S FDTC25,35VF
Number of connectable indoor units					2
Total of indoor units				kW	Max. 7

Note (1) The data are measured at the following conditions. The pipe length for one indoor unit is 7.5m.

Item / Operation	Indoor air temperature		Outdoor air temperature		Standards
	DB	WB	DB	WB	
Cooling	27˚C	19˚C	35˚C	24˚C	ISO-T1, JIS C 9612
Heating	20˚C	—	7˚C	6˚C	

(2) This air-conditioner is manufactured and tested in conformity with the ISO.
(3) The operation data are applied to the 220/230/240V districts respectively.
(4) The refrigerant quantity to be charged includes the refrigerant in 30m connecting piping.
(Purging is not required even for the short piping.)
(5) Current value at maximum number of indoor units connected.

RWC000Z284

Adapted to **RoHS** directive

Item				Model	SCM50ZM-S
Cooling capacity (1)				W	5000 (1800 (Min.)–7100 (Max.))
Heating capacity (1)				W	6000 (1400 (Min.)–7500 (Max.))
Power source					1 Phase, 220–240 V, 50Hz
Operation data (1)	Power consumption		Cooling	kW	1.08 (0.50–2.15)
			Heating		1.31 (0.48–2.58)
	Running current		Cooling	A	5.0 / 4.7 / 4.5 (220 / 230 / 240 V)
			Heating		6.0 / 5.8 / 5.5 (220 / 230 / 240 V)
	Inrush current				6.0 / 5.8 / 5.5 (220 / 230 / 240 V)
	Max current (5)				15
	COP		Cooling		4.63
			Heating		4.58
	Noise level	Cooling	Sound level	dB (A)	49
			Power level	dB	62
		Heating	Sound level	dB (A)	52
			Power level	dB	65
Exterior dimensions (Height x Width x Depth)				mm	640 x 850 x 290
Exterior appearance (Munsell color)					Stucco white (4.2Y 7.5/1.1) near equivalent
Net weight				kg	48
Refrigerant equipment	Compressor type & Q'ty				RM-T5113MDE2 (Twin rotary type) x 1
	Motor (Starting method)			kW	1.4 (Line starting)
	Refrigerant oil			ℓ	0.45 (DIAMOND FREEZE MA68)
	Refrigerant (4)			kg	R410A 2.5 (Pre-Charged up to the piping length of 40m)
	Heat exchanger				M fins & inner grooved tubing
	Refrigerant control				Capillary tubes + Electronic expansion valve
	Device control				Microcomputer control
Air handling equipment	Fan type & Q'ty				Propeller fan x 1
	Motor			W	34
	Air flow		Cooling	m^3/min	41.0
			Heating		41.0
Shock & vibration absorber					Cushion rubber (for compressor)
Electric heater					Crank case heater (220V 20W)
Safety devices					Compressor overheat protection, Overcurrent protection, Frost protection, Serial signal error protection, Outdoor fan motor error protection, Heating & Cooling overload protection
Installation data	Refrigerant piping size (O.D)			mm	Liquid line: ϕ6.35 (1/4") × 3
					Gas line: ϕ9.52 (3/8") × 3
	Connecting method				Flare connecting
	Insulation for piping				Necessary (Both sides), independent
	Length for one indoor unit			m	Max. 25
	Total length for all rooms				Max. 40
	Vertical height difference between outdoor unit and indoor unit				Max. 15 (Outdoor unit is higher) Max. 15 (Outdoor unit is lower)
	Height difference of the indoor units				Max. 25
Recommended breaker size				A	25
Connection wiring	Size x Core number				1.5mm² x 4 cores (Including earth cable)
	Connecting method				Terminal block (Screw fixing type)
IP number					IPX4
Accessories (included)					Union : (ϕ9.52→ϕ12.7) × 1, Installation sheet, Elbow, Grommet
Indoor unit to be combined					SRK20,25,35,50ZMX(A)-S SRK20,25,35,50ZM(A)-S SRF25,35,50ZMX(A)-S SRR25,35,50ZJ-S FDTC25,35,50VF FDEN50VF,FDUM50VF
Number of connectable indoor units					Min. 2–Max. 3
Total of indoor units				kW	Max. 8.5

Note (1) The data are measured at the following conditions. The pipe length for one indoor unit is 7.5m.

Item / Operation	Indoor air temperature		Outdoor air temperature		Standards
	DB	WB	DB	WB	
Cooling	27˚C	19˚C	35˚C	24˚C	ISO-T1, JIS C 9612
Heating	20˚C	—	7˚C	6˚C	

(2) This air-conditioner is manufactured and tested in conformity with the ISO.
(3) The operation data are applied to the 220/230/240V districts respectively.
(4) The refrigerant quantity to be charged includes the refrigerant in 40m connecting piping.
(Purging is not required even for the short piping.)
(5) Current value at maximum number of indoor units connected.

RWC000Z284

Adapted to **RoHS** directive

Item				Model	SCM60ZM-S
Cooling capacity (1)				W	6000 (1800 (Min.)−7500 (Max.))
Heating capacity (1)				W	6800 (1500 (Min.)−7800 (Max.))
Power source					1 Phase, 220−240 V, 50Hz
Operation data (1)	Power consumption		Cooling	kW	1.43 (0.50−2.39)
			Heating		1.51 (0.60−3.00)
	Running current		Cooling	A	6.8 / 6.5 / 6.2 (220 / 230 / 240 V)
			Heating		7.1 / 6.8 / 6.6 (220 / 230 / 240 V)
	Inrush current				7.1 / 6.8 / 6.6 (220 / 230 / 240 V)
	Max current (5)				17
	COP		Cooling		4.2
			Heating		4.5
	Noise level	Cooling	Sound level	dB(A)	50
			Power level	dB	63
		Heating	Sound level	dB(A)	52
			Power level	dB	65
Exterior dimensions (Height x Width x Depth)				mm	640 x 850 x 290
Exterior appearance (Munsell color)					Stucco white (4.2Y 7.5/1.1) near equivalent
Net weight				kg	49
Refrigerant equipment	Compressor type & Q'ty				RM-T5118MDE2 (Twin rotary type) x 1
	Motor (Starting method)			kW	1.4 (Line starting)
	Refrigerant oil			ℓ	0.675 (DIAMOND FREEZE MA68)
	Refrigerant (4)			kg	R410A 2.5 (Pre-Charged up to the piping length of 40m)
	Heat exchanger				M fins & inner grooved tubing
	Refrigerant control				Capillary tubes + Electronic expansion valve
	Device control				Microcomputer control
Air handling equipment	Fan type & Q'ty				Propeller fan x 1
	Motor			W	34
	Air flow		Cooling	m^3/min	42.0
			Heating		42.0
Shock & vibration absorber					Cushion rubber (for compressor)
Electric heater					Crank case heater (220V 20W)
Safety devices					Compressor overheat protection, Overcurrent protection, Frost protection, Serial signal error protection, Outdoor fan motor error protection, Heating & Cooling overload protection
Installation data	Refrigerant piping size (O.D)			mm	Liquid line: ϕ 6.35 (1/4") × 3
					Gas line: ϕ 9.52 (3/8") × 3
	Connecting method				Flare connecting
	Insulation for piping				Necessary (Both sides), independent
	Length for one indoor unit			m	Max. 25
	Total length for all rooms				Max. 40
	Vertical height difference between outdoor unit and indoor unit				Max. 15 (Outdoor unit is higher) Max. 15 (Outdoor unit is lower)
	Height difference of the indoor units				Max. 25
Recommended breaker size				A	25
Connection wiring	Size x Core number				1.5mm^2 x 4 cores (Including earth cable)
	Connecting method				Terminal block (Screw fixing type)
IP number					IPX4
Accessories (included)					Union : (ϕ 9.52→ ϕ 12.7) × 2, Installation sheet, Elbow, Grommet
Indoor unit to be combined					SRK20,25,35,50,60ZMX(A)-S SRK20,25,35,50ZM(A)-S SRF25,35,50ZMX(A)-S SRR25,35,50ZJ-S,60ZJ-S1 FDTC25,35,50,60VF FDEN50VF,FDUM50VF
Number of connectable indoor units					Min. 2−Max. 3
Total of indoor units				kW	Max. 11

Note (1) The data are measured at the following conditions.

The pipe length for one indoor unit is 7.5m.

Item / Operation	Indoor air temperature		Outdoor air temperature		Standards
	DB	WB	DB	WB	
Cooling	27℃	19℃	35℃	24℃	ISO-T1, JIS C 9612
Heating	20℃	—	7℃	6℃	

(2) This air-conditioner is manufactured and tested in conformity with the ISO.
(3) The operation data are applied to the 220/230/240V districts respectively.
(4) The refrigerant quantity to be charged includes the refrigerant in 40m connecting piping.
(Purging is not required even for the short piping.)
(5) Current value at maximum number of indoor units connected.

RWC000Z284

Adapted to **RoHS** directive

Item				Model	SCM71ZM-S
Cooling capacity (1)				W	7100 (1800 (Min.)–8800 (Max.))
Heating capacity (1)				W	8600 (1500 (Min.)–9400 (Max.))
Power source					1 Phase, 220–240 V, 50Hz
Operation data (1)	Power consumption		Cooling	kW	1.74 (0.48–2.75)
			Heating		2.00 (0.60–3.35)
	Running current		Cooling	A	8.0 / 7.6 / 7.3 (220 / 230 / 240 V)
			Heating		9.2 / 8.8 / 8.4 (220 / 230 / 240 V)
	Inrush current				9.2 / 8.8 / 8.4 (220 / 230 / 240 V)
	Max current (5)				20
	COP		Cooling		4.08
			Heating		4.30
	Noise level	Cooling	Sound level	dB (A)	52
			Power level	dB	65
		Heating	Sound level	dB (A)	54
			Power level	dB	66
Exterior dimensions (Height x Width x Depth)				mm	750 x 880 x 340
Exterior appearance (Munsell color)					Stucco white (4.2Y 7.5/1.1) near equivalent
Net weight				kg	62
Refrigerant equipment	Compressor type & Q'ty				RM-T5118MDE2 (Twin rotary type) x 1
	Motor (Starting method)			kW	1.4 (Line starting)
	Refrigerant oil			ℓ	0.675 (DIAMOND FREEZE MA68)
	Refrigerant (4)			kg	R410A 3.15 (Pre-Charged up to the piping length of 40m)
	Heat exchanger				M fins & inner grooved tubing
	Refrigerant control				Capillary tubes + Electronic expansion valve
	Device control				Microcomputer control
Air handling equipment	Fan type & Q'ty				Propeller fan x 1
	Motor			W	86
	Air flow		Cooling	m^3/min	56.0
			Heating		56.0
Shock & vibration absorber					Cushion rubber (for compressor)
Electric heater					Crank case heater (220V 20W)
Safety devices					Compressor overheat protection, Overcurrent protection, Frost protection, Serial signal error protection, Outdoor fan motor error protection, Heating & Cooling overload protection
Installation data	Refrigerant piping size (O.D)			mm	Liquid line: ϕ6.35 (1/4") × 4
					Gas line: ϕ9.52 (3/8") × 4
	Connecting method				Flare connecting
	Insulation for piping				Necessary (Both sides), independent
	Length for one indoor unit			m	Max. 25
	Total length for all rooms				Max. 70
	Vertical height difference between outdoor unit and indoor unit				Max. 20 (Outdoor unit is higher) Max. 20 (Outdoor unit is lower)
	Height difference of the indoor units				Max. 25
Recommended breaker size				A	25
Connection wiring	Size x Core number				1.5mm² x 4 cores (Including earth cable)
	Connecting method				Terminal block (Screw fixing type)
IP number					IPX4
Accessories (included)					Union : (ϕ9.52→ϕ12.7) × 2, Installation sheet, Elbow, Grommet × 2
Indoor unit to be combined					SRK20,25,35,50,60ZMX(A)-S SRK20,25,35,50ZM(A)-S SRF25,35,50ZMX(A)-S SRR25,35,50ZJ-S,60ZJ-S1 FDTC25,35,50,60VF FDEN50VF,FDUM50VF
Number of connectable indoor units					Min. 2–Max. 4
Total of indoor units				kW	Max. 12.5

Note (1) The data are measured at the following conditions. The pipe length for one indoor unit is 7.5m.

Item / Operation	Indoor air temperature		Outdoor air temperature		Standards
	DB	WB	DB	WB	
Cooling	27˚C	19˚C	35˚C	24˚C	ISO-T1, JIS C 9612
Heating	20˚C	—	7˚C	6˚C	

(2) This air-conditioner is manufactured and tested in conformity with the ISO.
(3) The operation data are applied to the 220/230/240V districts respectively.
(4) The refrigerant quantity to be charged includes the refrigerant in 40m connecting piping.
(Purging is not required even for the short piping.)
(5) Current value at maximum number of indoor units connected.

RWC000Z284

Adapted to **RoHS** directive

Item				Model	SCM80ZM-S
Cooling capacity (1)				W	8000 (1800 (Min.)–9200 (Max.))
Heating capacity (1)				W	9300 (1500 (Min.)–9800 (Max.))
Power source					1 Phase, 220–240 V, 50Hz
Operation data (1)	Power consumption		Cooling	kW	2.16 (0.48–2.83)
			Heating		2.26 (0.60–3.43)
	Running current		Cooling	A	9.9 / 9.4 / 9.0 (220 / 230 / 240 V)
			Heating		10.4 / 10.0 / 9.5 (220 / 230 / 240 V)
	Inrush current				10.4 / 10.0 / 9.5 (220 / 230 / 240 V)
	Max current (5)				20
	COP		Cooling		3.70
			Heating		4.12
	Noise level	Cooling	Sound level	dB(A)	54
			Power level	dB	66
		Heating	Sound level	dB(A)	54
			Power level	dB	66
Exterior dimensions (Height x Width x Depth)				mm	750 x 880 x 340
Exterior appearance (Munsell color)					Stucco white (4.2Y 7.5/1.1) near equivalent
Net weight				kg	62
Refrigerant equipment	Compressor type & Q'ty				RM-T5118MDE2 (Twin rotary type) x 1
	Motor (Starting method)			kW	1.4 (Line starting)
	Refrigerant oil			ℓ	0.675 (DIAMOND FREEZE MA68)
	Refrigerant (4)			kg	R410A 3.15 (Pre-Charged up to the piping length of 40m)
	Heat exchanger				M fins & inner grooved tubing
	Refrigerant control				Capillary tubes + Electronic expansion valve
	Device control				Microcomputer control
Air handling equipment	Fan type & Q'ty				Propeller fan x 1
	Motor			W	86
	Air flow		Cooling	m^3/min	56.0
			Heating		56.0
Shock & vibration absorber					Cushion rubber (for compressor)
Electric heater					Crank case heater (220V 20W)
Safety devices					Compressor overheat protection, Overcurrent protection, Frost protection, Serial signal error protection, Outdoor fan motor error protection, Heating & Cooling overload protection
Installation data	Refrigerant piping size (O.D)			mm	Liquid line: ϕ6.35 (1/4") × 4
					Gas line: ϕ9.52 (3/8") × 4
	Connecting method				Flare connecting
	Insulation for piping				Necessary (Both sides), independent
	Length for one indoor unit			m	Max. 25
	Total length for all rooms				Max. 70
	Vertical height difference between outdoor unit and indoor unit				Max. 20 (Outdoor unit is higher) Max. 20 (Outdoor unit is lower)
	Height difference of the indoor units				Max. 25
Recommended breaker size				A	25
Connection wiring	Size x Core number				1.5mm² x 4 cores (Including earth cable)
	Connecting method				Terminal block (Screw fixing type)
IP number					IPX4
Accessories (included)					Union : (ϕ9.52→ ϕ12.7) × 2, Installation sheet, Elbow, Grommet × 2
Indoor unit to be combined					SRK20,25,35,50,60ZMX(A)-S SRK20,25,35,50ZM(A)-S SRF25,35,50ZMX(A)-S SRR25,35,50ZJ-S,60ZJ-S1 FDTC25,35,50,60VF FDEN50VF,FDUM50VF
Number of connectable indoor units					Min. 2–Max. 4
Total of indoor units				kW	Max. 13.5

Note (1) The data are measured at the following conditions. The pipe length for one indoor unit is 7.5m.

Item / Operation	Indoor air temperature		Outdoor air temperature		Standards
	DB	WB	DB	WB	
Cooling	27℃	19℃	35℃	24℃	ISO-T1, JIS C 9612
Heating	20℃	—	7℃	6℃	

(2) This air-conditioner is manufactured and tested in conformity with the ISO.
(3) The operation data are applied to the 220/230/240V districts respectively.
(4) The refrigerant quantity to be charged includes the refrigerant in 40m connecting piping.
(Purging is not required even for the short piping.)
(5) Current value at maximum number of indoor units connected.

RWC000Z284

Adapted to RoHS directive

Item				Model	SCM100ZM-S
Cooling capacity (1)				W	10000 (1800 (Min.)–12000 (Max.))
Heating capacity (1)				W	12000 (1500 (Min.)–13500 (Max.))
Power source					1 Phase, 220–240 V, 50Hz
Operation data (1)	Power consumption		Cooling	kW	2.86 (0.65–4.03)
			Heating		2.93 (0.70–3.40)
	Running current		Cooling	A	13.0 / 12.4 / 11.9 (220 / 230 / 240 V)
			Heating		13.3 / 12.8 / 12.2 (220 / 230 / 240 V)
	Inrush current				13.3 / 12.8 / 12.2 (220 / 230 / 240 V)
	Max current (6)				28
	COP		Cooling		3.50
			Heating		4.10
	Noise level	Cooling	Sound level	dB (A)	56
			Power level	dB	68
		Heating	Sound level	dB (A)	59
			Power level	dB	71
Exterior dimensions (Height x Width x Depth)				mm	945 x 970 x 370
Exterior appearance (Munsell color)					Stucco white (4.2Y 7.5/1.1) near equivalent
Net weight				kg	92
Refrigerant equipment	Compressor type & Q'ty				RM-T5126MDE21 (Twin rotary type) x 1
	Motor (Starting method)			kW	4.0 (Line starting)
	Refrigerant oil			ℓ	1.0 (DIAMOND FREEZE MA68)
	Refrigerant (4)			kg	R410A 6.00 (Pre-Charged up to the piping length of 50m)
	Heat exchanger				M fins & inner grooved tubing
	Refrigerant control				Capillary tubes + Electronic expansion valve
	Device control				Microcomputer control
Air handling equipment	Fan type & Q'ty				Propeller fan x 1
	Motor			W	86
	Air flow		Cooling	m^3/min	75.0
			Heating		75.0
Shock & vibration absorber					Cushion rubber (for compressor)
Electric heater					Crank case heater (220V 20W)
Safety devices					Compressor overheat protection, Overcurrent protection, Frost protection, Serial signal error protection, Outdoor fan motor error protection, Heating & Cooling overload protection
Installation data	Refrigerant piping size (O.D)			mm	Liquid line: ϕ6.35 (1/4") × 5
					Gas line: ϕ9.52 (3/8") × 5
	Connecting method				Flare connecting
	Insulation for piping				Necessary (Both sides), independent
	Length for one indoor unit			m	Max. 25
	Total length for all rooms				Max. 90
	Vertical height difference between outdoor unit and indoor unit				Max. 20 (Outdoor unit is higher) Max. 20 (Outdoor unit is lower)
	Height difference of the indoor units				Max. 25
Recommended breaker size				A	30
Connection wiring	Size x Core number				1.5mm² x 4 cores (Including earth cable)
	Connecting method				Terminal block (Screw fixing type)
IP number					IPX4
Accessories (included)					Union, Installation sheet, Elbow, Grommet × 2
Indoor unit to be combined					SRK20,25,35,50,60ZMX(A)-S,SRK20,25,35,50,71ZM(A)-S SRF25,35,50ZMX(A)-S SRR25,35,50ZJ-S,60ZJ-S1 FDTC25,35,50,60VF FDEN50VF,FDUM50VF
Number of connectable indoor units					Min. 2–Max. 5 (5)
Total of indoor units				kW	Max. 16.0

Note (1) The data are measured at the following conditions. The pipe length for one indoor unit is 7.5m.

Item / Operation	Indoor air temperature		Outdoor air temperature		Standards
	DB	WB	DB	WB	
Cooling	27˚C	19˚C	35˚C	24˚C	ISO-T1, JIS C 9612
Heating	20˚C	—	7˚C	6˚C	

(2) This air-conditioner is manufactured and tested in conformity with the ISO.
(3) The operation data are applied to the 220/230/240V districts respectively.
(4) The refrigerant quantity to be charged includes the refrigerant in 50m connecting piping.
(Purging is not required even for the short piping.)
(5) In case of combination with SRK-ZMX-S, SRK71ZM-S, FDEN50VF only 3 indoor units can be connectable.
In case of SRK71ZM-S+SRK71ZM-S, 2 indoor units can be connectable.
(6) Current value at maximum number of indoor units connected.

RWC000Z284

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Adapted to RoHS directive

Item				Model	SCM125ZM-S
Cooling capacity (1)				W	12500 (1800 (Min.)–14000 (Max.))
Heating capacity (1)				W	13500 (1500 (Min.)–14000 (Max.))
Power source					1 Phase, 220–240 V, 50Hz
Operation data (1)	Power consumption		Cooling	kW	3.90 (0.65–4.80)
			Heating		3.25 (0.70–3.42)
	Running current		Cooling	A	17.7 / 17.0 / 16.3 (220 / 230 / 240 V)
			Heating		14.8 / 14.1 / 13.6 (220 / 230 / 240 V)
	Inrush current				17.7 / 17.0 / 16.3 (220 / 230 / 240 V)
	Max current (6)				29
	COP		Cooling		3.21
			Heating		4.15
	Noise level	Cooling	Sound level	dB (A)	57
			Power level	dB	69
		Heating	Sound level	dB (A)	60
			Power level	dB	72
Exterior dimensions (Height x Width x Depth)				mm	945 x 970 x 370
Exterior appearance (Munsell color)					Stucco white (4.2Y 7.5/1.1) near equivalent
Net weight				kg	92
Refrigerant equipment	Compressor type & Q'ty				RM-T5126MDE21 (Twin rotary type) x 1
	Motor (Starting method)			kW	4.0 (Line starting)
	Refrigerant oil			ℓ	1.0 (DIAMOND FREEZE MA68)
	Refrigerant (4)			kg	R410A 6.00 (Pre-Charged up to the piping length of 50m)
	Heat exchanger				M fins & inner grooved tubing
	Refrigerant control				Capillary tubes + Electronic expansion valve
	Device control				Microcomputer control
Air handling equipment	Fan type & Q'ty				Propeller fan x 1
	Motor			W	86
	Air flow		Cooling	m^3/min	75.0
			Heating		82.0
Shock & vibration absorber					Cushion rubber (for compressor)
Electric heater					Crank case heater (220V 20W)
Safety devices					Compressor overheat protection, Overcurrent protection, Frost protection, Serial signal error protection, Outdoor fan motor error protection, Heating & Cooling overload protection
Installation data	Refrigerant piping size (O.D)			mm	Liquid line: ϕ6.35 (1/4") × 6
					Gas line: ϕ9.52 (3/8") × 6
	Connecting method				Flare connecting
	Insulation for piping				Necessary (Both sides), independent
	Length for one indoor unit			m	Max. 25
	Total length for all rooms				Max. 90
	Vertical height difference between outdoor unit and indoor unit				Max. 20 (Outdoor unit is higher) Max. 20 (Outdoor unit is lower)
	Height difference of the indoor units				Max. 25
Recommended breaker size				A	30
Connection wiring	Size x Core number				1.5mm² x 4 cores (Including earth cable)
	Connecting method				Terminal block (Screw fixing type)
IP number					IPX4
Accessories (included)					Union, Installation sheet, Elbow, Grommet × 2
Indoor unit to be combined					SRK20,25,35,50,60ZMX(A)-S,SRK20,25,35,50,71ZM(A)-S SRF25,35,50ZMX(A)-S SRR25,35,50ZJ-S,60ZJ-S1 FDTC25,35,50,60VF FDEN50VF,FDUM50VF
Number of connectable indoor units					Min. 2–Max. 6 (5)
Total of indoor units				kW	Max. 19.5

Note (1) The data are measured at the following conditions. The pipe length for one indoor unit is 7.5m.

Item / Operation	Indoor air temperature		Outdoor air temperature		Standards
	DB	WB	DB	WB	
Cooling	27˚C	19˚C	35˚C	24˚C	ISO-T1, JIS C 9612
Heating	20˚C	—	7˚C	6˚C	

(2) This air-conditioner is manufactured and tested in conformity with the ISO.
(3) The operation data are applied to the 220/230/240V districts respectively.
(4) The refrigerant quantity to be charged includes the refrigerant in 50m connecting piping.
(Purging is not required even for the short piping.)
(5) In case of combination with SRK-ZMX-S, SRK71ZM-S, FDEN50VF only, 3 indoor units can be connectable.
In case of SRK71ZM-S+SRK71ZM-S, 2 indoor units can be connectable.
(6) Current value at maximum number of indoor units connected.

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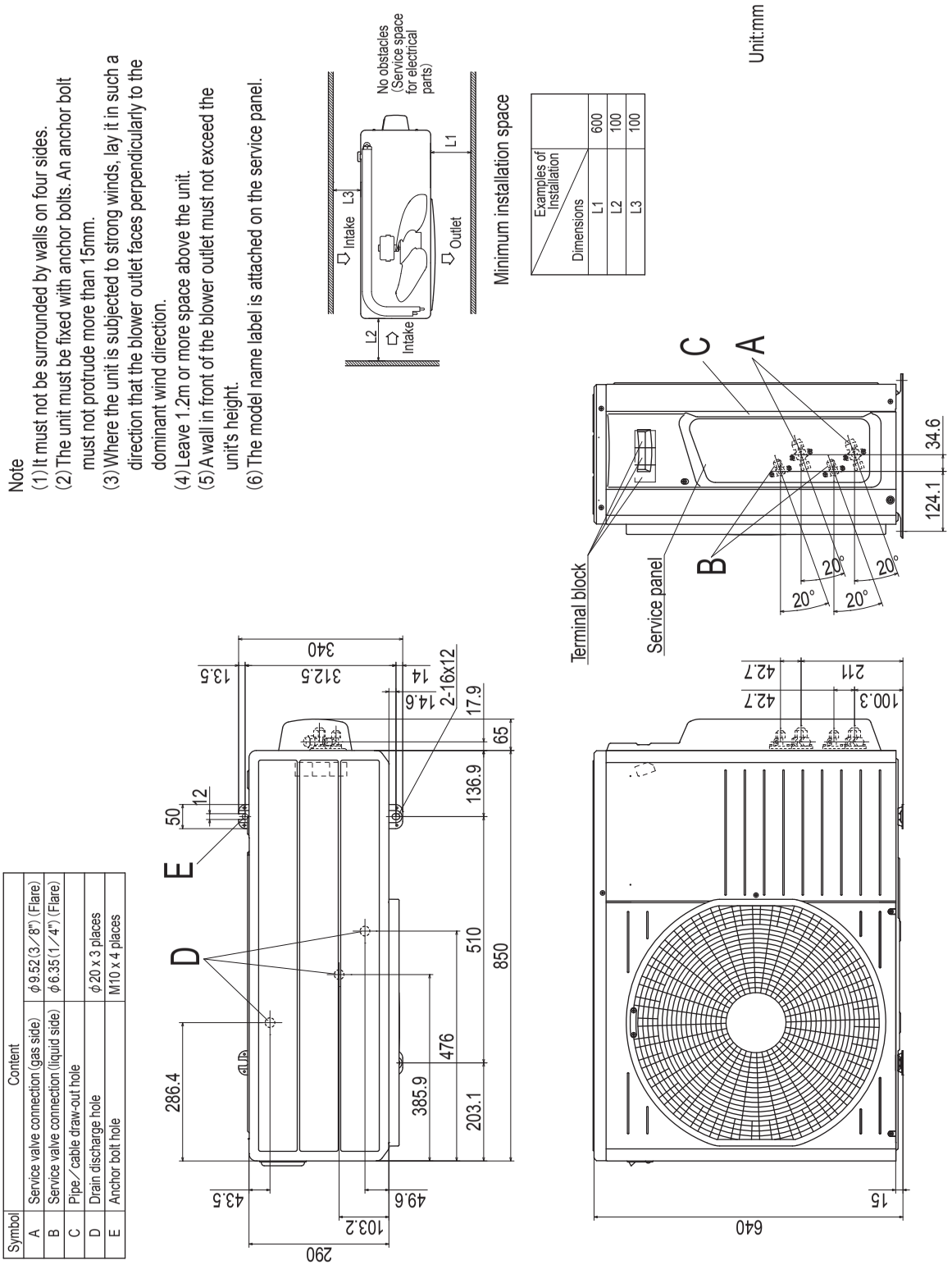
2. EXTERIOR DIMENSIONS

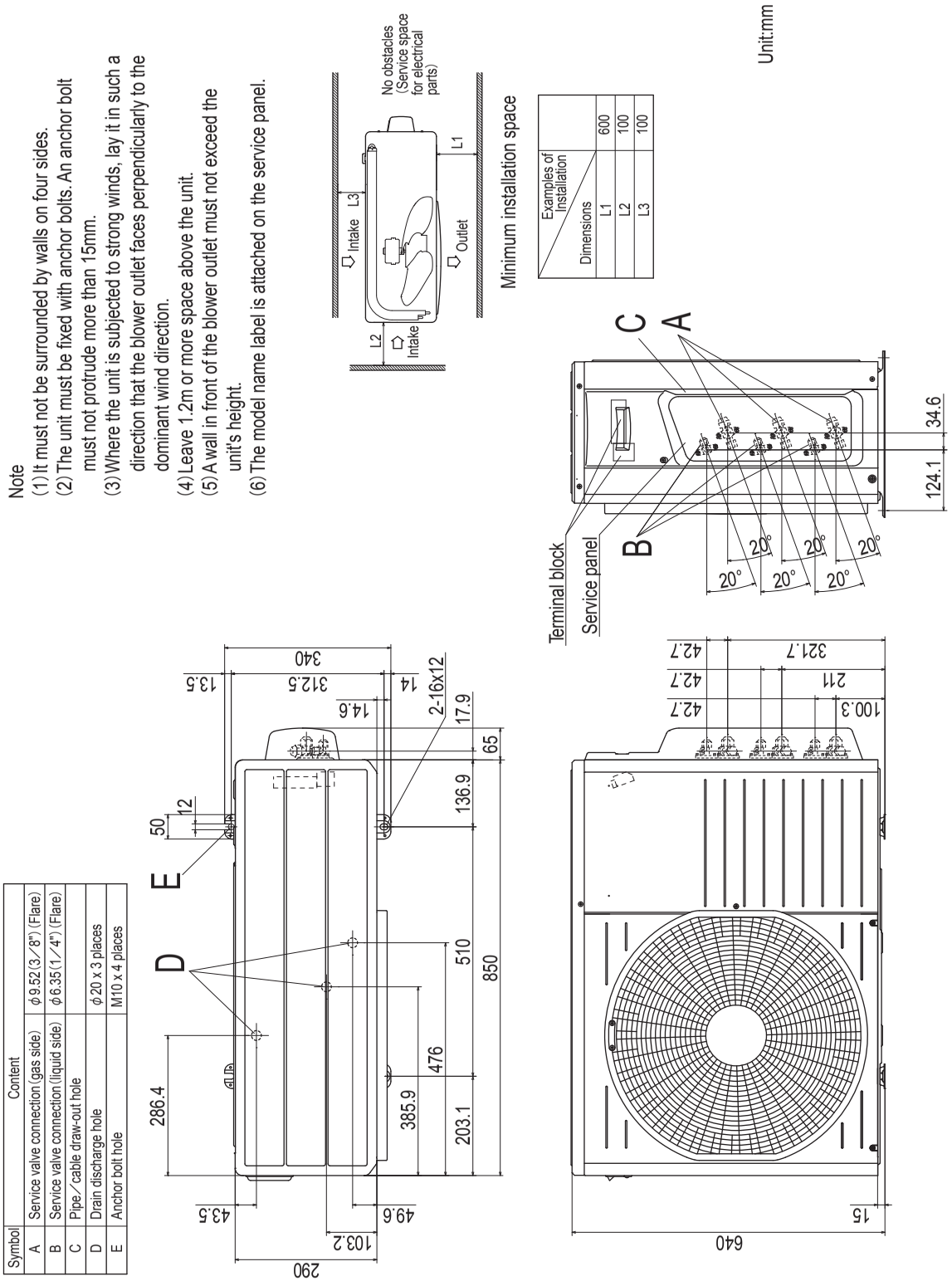
Models SCM40ZM-S, 45ZM-S



Symbol	Content	
A	Service valve connection (gas side)	ϕ9.52 (3/8") (Flare)
B	Service valve connection (liquid side)	ϕ6.35 (1/4") (Flare)
C	Pipe/cable draw-out hole	
D	Drain discharge hole	ϕ20 x 3 places
E	Anchor bolt hole	M10 x 4 places

RWC000Z280

Models SCM50ZM-S, 60ZM-S



Symbol	Content	
A	Service valve connection (gas side)	ϕ9.52 (3/8") (Flare)
B	Service valve connection (liquid side)	ϕ6.35 (1/4") (Flare)
C	Pipe / cable draw-out hole	
D	Drain discharge hole	ϕ20 x 3 places
E	Anchor bolt hole	M10 x 4 places

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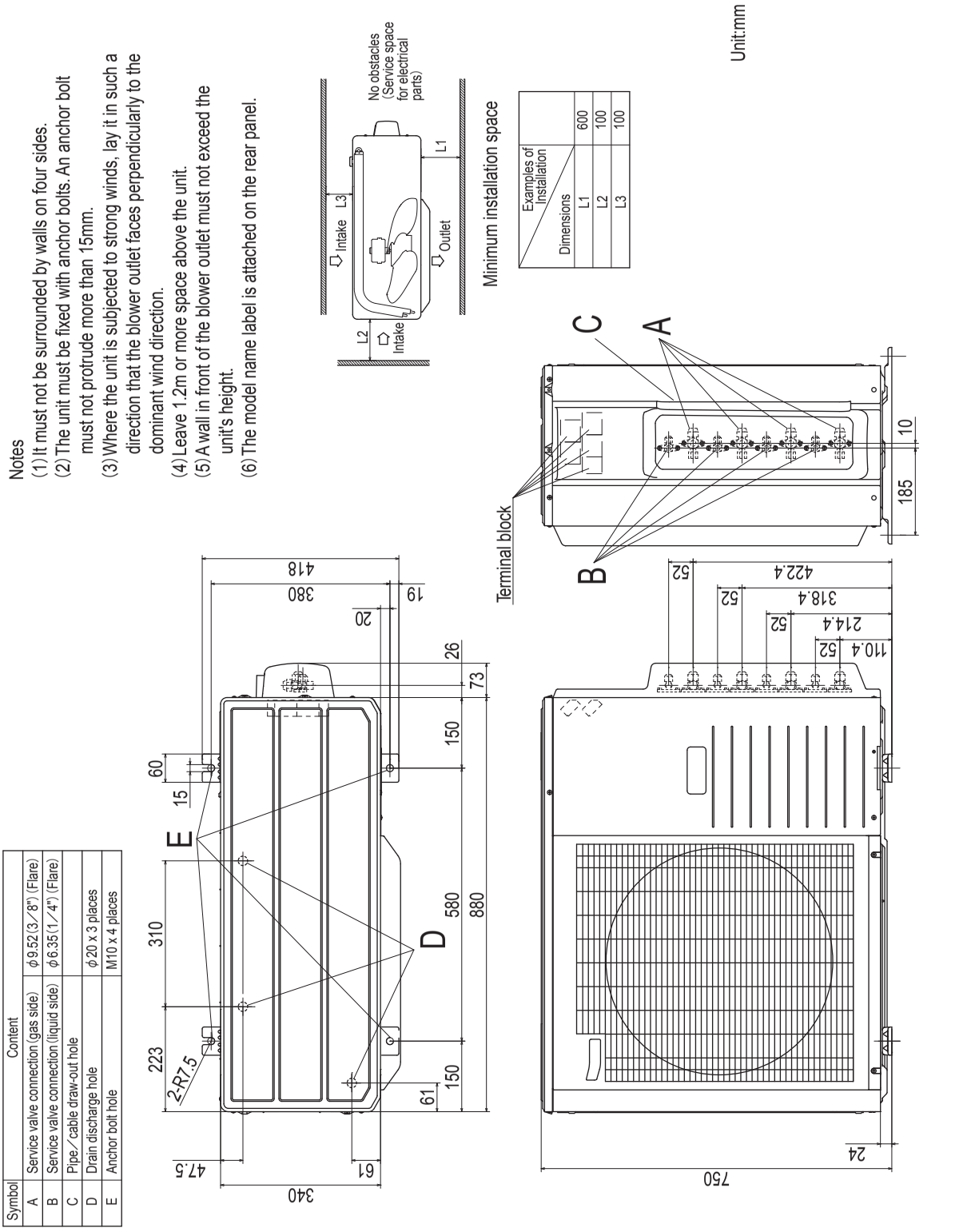
Models SCM71ZM-S, 80ZM-S



Symbol	Content	
A	Service valve connection (gas side)	ϕ9.52(3/8") (Flare)
B	Service valve connection (liquid side)	ϕ6.35(1/4") (Flare)
C	Pipe/cable draw-out hole	
D	Drain discharge hole	ϕ20 x 3 places
E	Anchor bolt hole	M10 x 4 places

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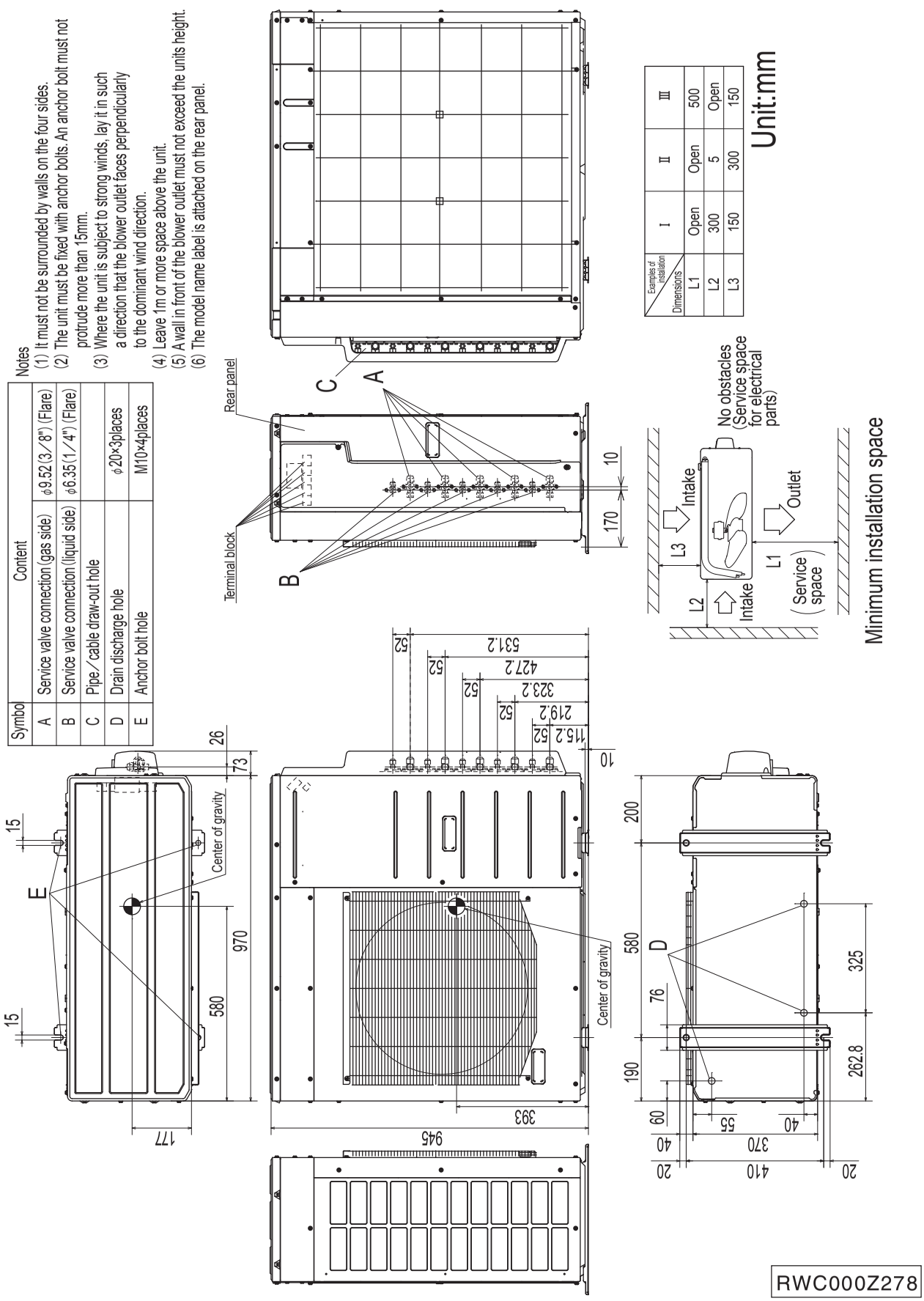
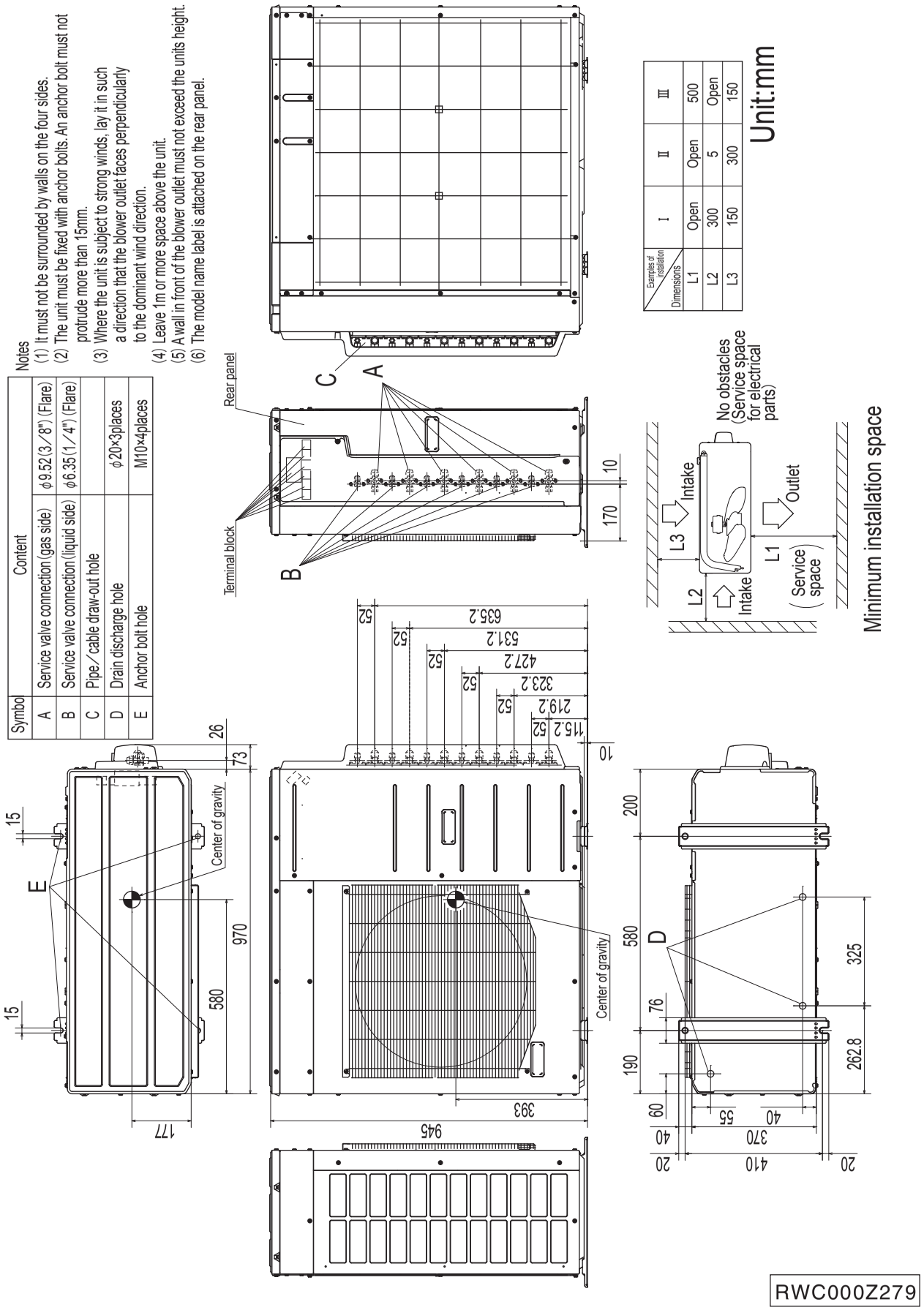
Model SCM100ZM-S



Model SCM125ZM-S



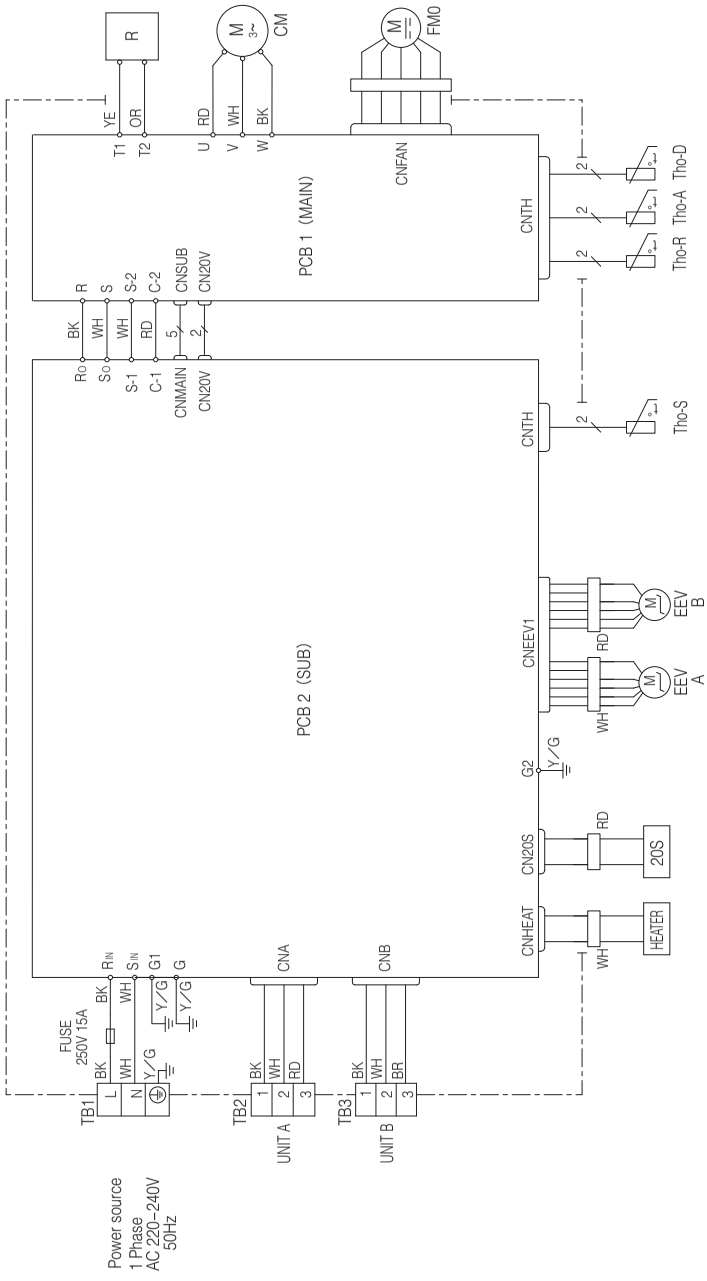
RWC000Z279

3. ELECTRICAL WIRINGS

Models SCM40ZM-S, 45ZM-S

Indication lamp	Color	Function
LED e (1)	Red	Warning lamp
Self diagnosis function by led e		
1-Time flash	Current cut	
2-Time flash	Trouble of outdoor unit	
3-Time flash	Over current	
4-Time flash	Transmission error	
5-Time flash	Over heat of compressor	
6-Time flash	Error of signal transmission	
7-Time flash	Lock of compressor	
8-Time flash	Sensor error (Except discharge pipe sensor)	
Light on	Outdoor fan motor error	
Four sec light and four sec off	Discharge pipe sensor error	

Caution
- When the compressor does not run Immediately after hitting on the button,wait for 5 to 10 minutes. (There is possibility of delayed start.)
- High voltage is produced in the control box. don't touch electrical parts in the control box for 5 minutes after cutting power source.



Meaning of Marks

Item	Description
CNA-CN20S	Connector
20S	4 Way valve (coil)
CM	Compressor motor
EEV A,EEV B	Electric expansion valve (coil)
FMo	Fan motor
HEATER	Crank case heater

Item	Description
R	Reactor
TB1-TB3	Terminal block
Tho-R	Heat exchanger sensor (outdoor unit)
Tho-A	Outdoor air temp. sensor
Tho-D	Discharge pipe temp. sensor
Tho-S	Suction pipe temp. sensor

Color Marks

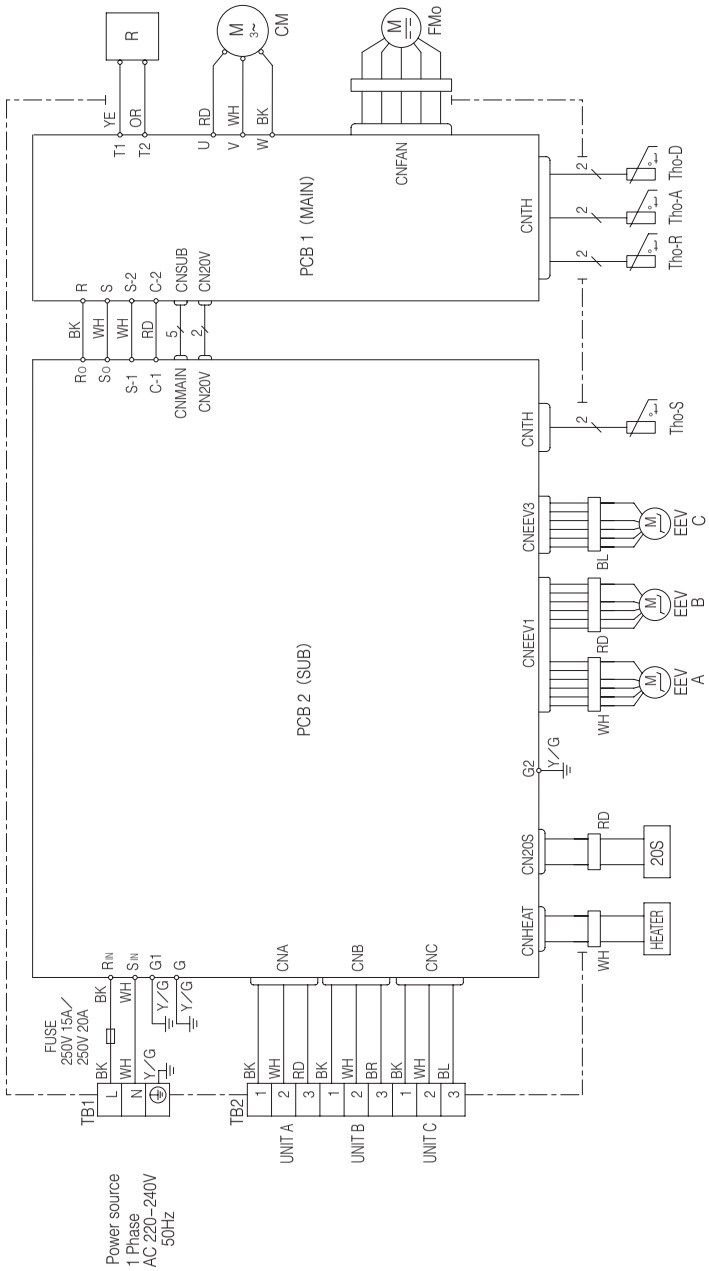
Mark	Color
BK	Black
RD	Red
WH	White
OR	Orange
BR	Brown

Mark	Color
YE	Yellow
Y/G	Yellow/Green

RWC000Z232 A

Models SCM50ZM-S, 60ZM-S

Indication lamp	Color	Function
LED e (1)	Red	Warning lamp
Self diagnosis function by led e		
1-Time flash	Current cut	
2-Time flash	Trouble of outdoor unit	
3-Time flash	Over current	
4-Time flash	Transmission error	
5-Time flash	Over heat of compressor	
6-Time flash	Error of signal transmission	
7-Time flash	Lock of compressor	
8-Time flash	Sensor error (Except discharge pipe sensor)	
Light on	Outdoor fan motor error	
Four sec light and four sec off	Discharge pipe sensor error	
Caution • When the compressor does not run Immediately after hitting on the button,wait for 5 to 10 minutes. (There is possibility of delayed start.) • High voltage is produced in the control box. don't touch electrical parts in the control box for 5 minutes after cutting power source.		



Meaning of Marks

Item	Description	Item	Description
CNA-CN20S	Connector	R	Reactor
20S	4 Way valve (coil)	TB1,TB2	Terminal block
CM	Compressor motor	Tho-R	Heat exchanger sensor (outdoor unit)
EEV A,EEV B EEV C	Electric expansion valve (coil)	Tho-A	Outdoor air temp. sensor
FMo	Fan motor	Tho-D	Discharge pipe temp. sensor
HEATER	Crank case heater	Tho-S	Suction pipe temp. sensor

Color Marks

Mark	Color	Mark	Color
BK	Black	BR	Brown
BL	Blue	YE	Yellow
RD	Red	Y/G	Yellow/Green
WH	White		
OR	Orange		

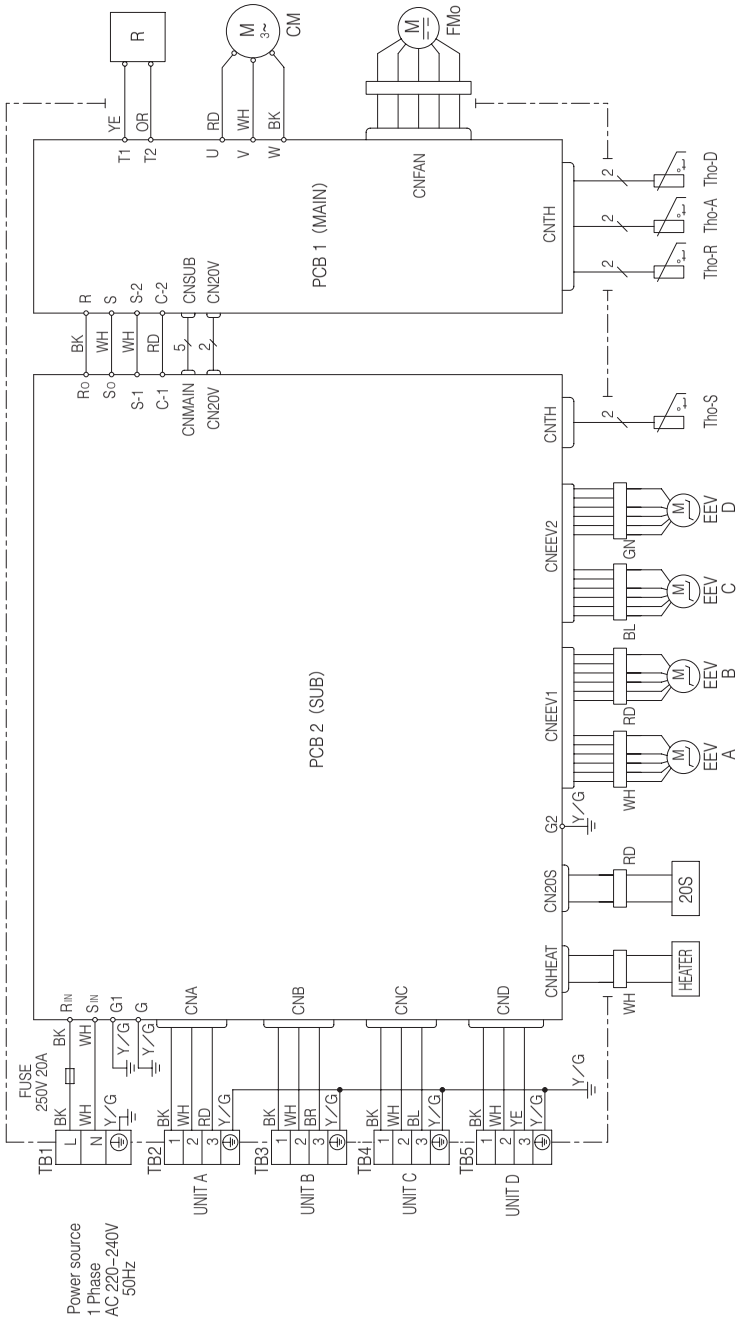
RWC000Z252 B

Models SCM71ZM-S, 80ZM-S

Indication lamp	Color	Function
LED e (1)	Red	Warning lamp
Self diagnosis function by led e		
1-Time flash	Current cut	
2-Time flash	Trouble of outdoor unit	
3-Time flash	Over current	
4-Time flash	Transmission error	
5-Time flash	Over heat of compressor	
6-Time flash	Error of signal transmission	
7-Time flash	Lock of compressor	
8-Time flash	Sensor error (Except discharge pipe sensor)	
Light on	Outdoor fan motor error	
Four sec light and four sec off	Discharge pipe sensor error	

Caution • When the compressor does not run Immediately after hitting on the button,wait for 5 to 10 minutes. (There is possibility of delayed start.)

• High voltage is produced in the control box. don't touch electrical parts in the control box for 5 minutes after cutting power source.



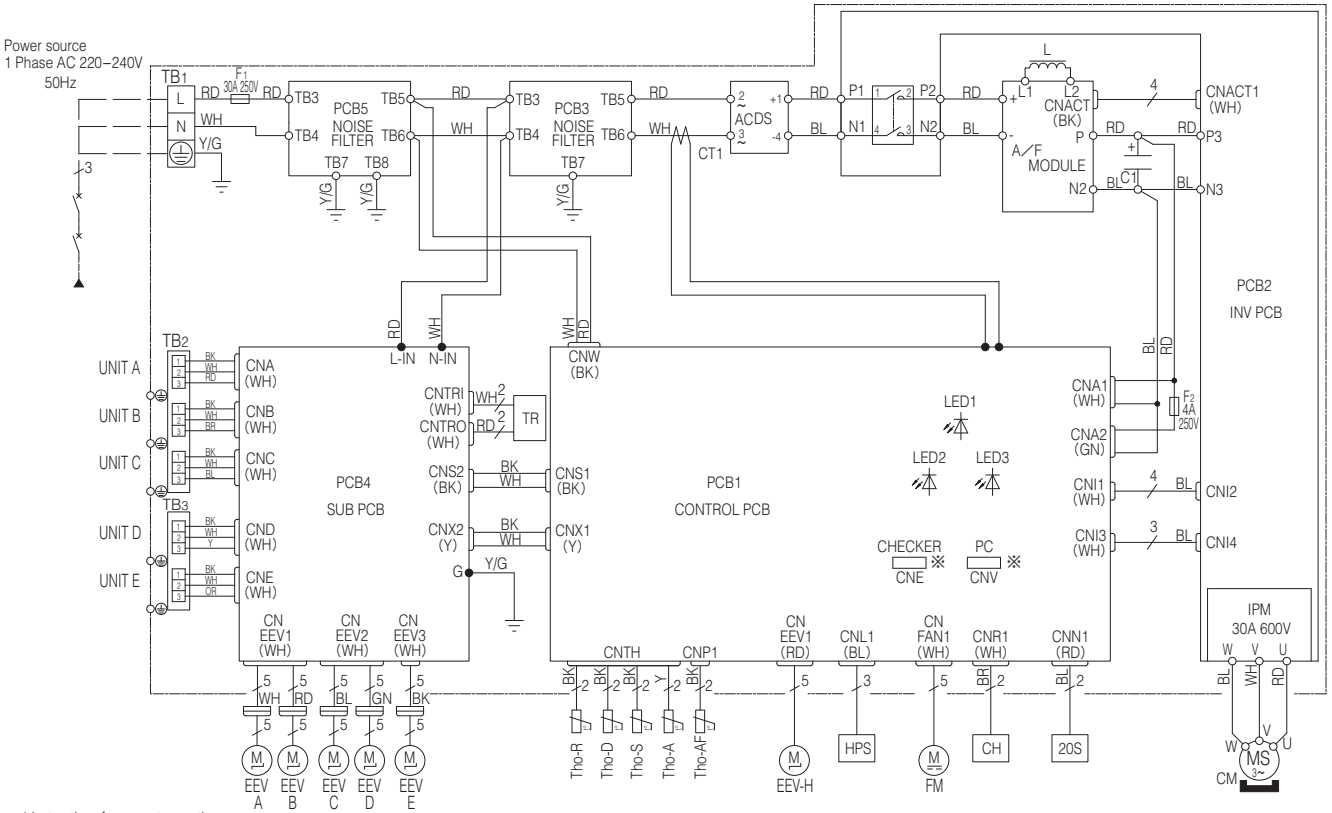
Meaning of Marks

Item	Description	Item	Description
CNA-CN20S	Connector	R	Reactor
20S	4 Way valve (coil)	TB1~5	Terminal block
CM	Compressor motor	Tho-R	Heat exchanger sensor (outdoor unit)
EEV A,EEV B EEV C,EEV D	Electric expansion valve (coil)	Tho-A	Outdoor air temp. sensor
FMo	Fan motor	Tho-D	Discharge pipe temp. sensor
HEATER	Crank case heater	Tho-S	Suction pipe temp. sensor

Color Marks

Mark	Color	Mark	Color
BK	Black	RD	Red
BL	Blue	WH	White
BR	Brown	YE	Yellow
GN	Green	Y/G	Yellow/Green
OR	Orange		

RWC000Z250 B



Mark	Name
A/F MODULE	Active filter module
CH	Crankcase heater
CM	Compressor motor
CNA-Z	Connector
CT	Current sensor
DS	Diode stack
EEV	Electronic expansion coil
EEV-H	Electronic expansion coil (For heating)
F	Fuse
FM	Fan motor
HPS	High pressure sensor
IPM	Intelligent power module
L	Reactor
LED1	Indicator lamp (Red-Inspection indicator)
LED2	Indicator lamp (Green-Microcomputer normality indicator)
LED3	Indicator lamp (Green-For service)
TB	Terminal block
Tho-A	Thermistor (outdoor air temperature)
Tho-D	Thermistor (discharge pipe)
Tho-R	Thermistor (heat exchanger)
Tho-S	Thermistor (suction pipe)
Tho-AF	Thermistor (power transistor)
TR	Trance former
20S	4-way valve coil

Mark	Color
BK	Black
BL	Blue
BR	Brown
GN	Green
OR	Orange
PK	Pink
RD	Red
WH	White
Y	Yellow
Y／G	Yellow／Green

1.Instructions for correct operation

◎ Before you turn on power,please carefully read the installation manual and the operation manual supplied with the unit.

◎ Please check the following points before operation.

① This unit is designed exclusively for use with R410A. Do not use any refrigerant other than R410A.

② To protect the compressor,turn on power for the air conditioner 6 hours before operation so as warm up sufficiently the dome temperature of compressor.

③ Open the service valves of liquid pipe at first. Secondarily open the one of gas pipe. Before you operate the unit,make sure again that the service valves are in open position.

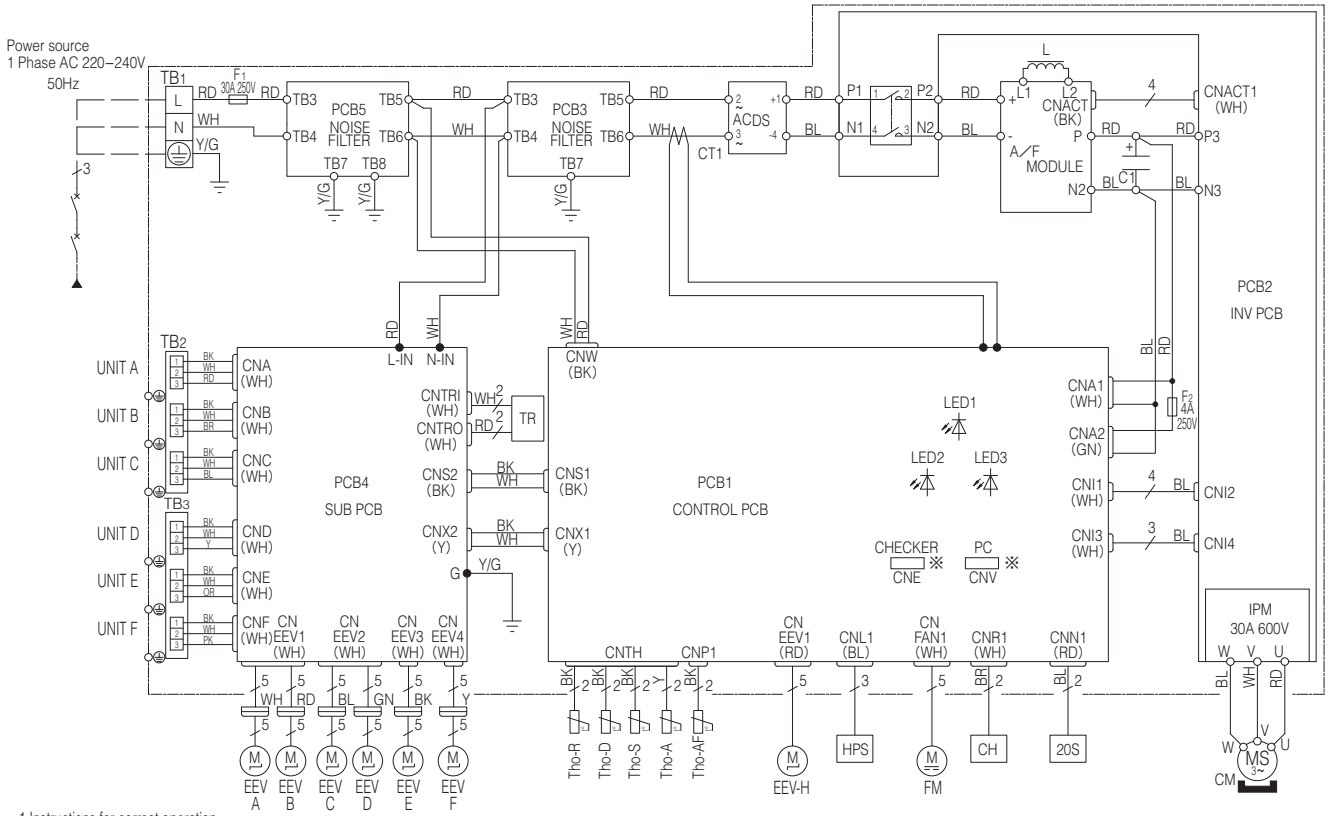
④ Please note that the pressure valves detected at the charge port in the unit and the gas service valves are different during the cooling operation and the heating operation. High pressure is replaced with the low pressure depending on whether it is in the cooling or heating operation.

2.Error indication

INDICATION LAMP	COLOR	FUNCTION
LED E (1)	RED	WARNING LAMP
SELF DIAGNOSIS FUNCTION BY LED E		
1-TIME FLASH	CURRENT CUT	
2-TIME FLASH	TROUBLE OF OUTDOOR UNIT	
3-TIME FLASH	OVER CURRENT	
4-TIME FLASH	TRANSMISSION ERROR	
5-TIME FLASH	OVER HEAT OF COMPRESSOR	
6-TIME FLASH	ERROR OF SIGNAL TRANSMISSION	
8-TIME FLASH	SENSOR ERROR (EXCEPT DISCHARGE PIPE SENSOR)	
LIGHT ON	OUTDOOR FAN MOTOR ERROR	
FOUR SEC LIGHT AND FOUR SEC OFF	DISCHARGE PIPE SENSOR ERROR	

Note(1) ※used only at our factory.

RWC000Z276 Ⓐ



Mark	Name
A/F MODULE	Active filter module
CH	Crankcase heater
CM	Compressor motor
CNA-Z	Connector
CT	Current sensor
DS	Diode stack
EEV	Electronic expansion coil
EEV-H	Electronic expansion coil (For heating)
F	Fuse
FM	Fan motor
HPS	High pressure sensor
IPM	Intelligent power module
L	Reactor
LED1	Indicator lamp (Red-Inspection indicator)
LED2	Indicator lamp (Green-Microcomputer normality indicator)
LED3	Indicator lamp (Green-For service)
TB	Terminal block
Tho-A	Thermistor (outdoor air temperature)
Tho-D	Thermistor (discharge pipe)
Tho-R	Thermistor (heat exchanger)
Tho-S	Thermistor (suction pipe)
Tho-AF	Thermistor (power transistor)
TR	Trance former
20S	4-way valve coil

Mark	Color
BK	Black
BL	Blue
BR	Brown
GN	Green
OR	Orange
PK	Pink
RD	Red
WH	White
Y	Yellow
Y／G	Yellow／Green

1.Instructions for correct operation

◎ Before you turn on power,please carefully read the installation manual and the operation manual supplied with the unit.

◎ Please check the following points before operation.

① This unit is designed exclusively for use with R410A. Do not use any refrigerant other than R410A.

② To protect the compressor,turn on power for the air conditioner 6 hours before operation so as warm up sufficiently the dome temperature of compressor.

③ Open the service valves of liquid pipe at first. Secondarily open the one of gas pipe. Before you operate the unit,make sure again that the service valves are in open position.

④ Please note that the pressure valves detected at the charge port in the unit and the gas service valves are different during the cooling operation and the heating operation. High pressure is replaced with the low pressure depending on whether it is in the cooling or heating operation.

2.Error indication

INDICATION LAMP	COLOR	FUNCTION
LED E (1)	RED	WARNING LAMP
SELF DIAGNOSIS FUNCTION BY LED E		
1-TIME FLASH	CURRENT CUT	
2-TIME FLASH	TROUBLE OF OUTDOOR UNIT	
3-TIME FLASH	OVER CURRENT	
4-TIME FLASH	TRANSMISSION ERROR	
5-TIME FLASH	OVER HEAT OF COMPRESSOR	
6-TIME FLASH	ERROR OF SIGNAL TRANSMISSION	
8-TIME FLASH	SENSOR ERROR (EXCEPT DISCHARGE PIPE SENSOR)	
LIGHT ON	OUTDOOR FAN MOTOR ERROR	
FOUR SEC LIGHT AND FOUR SEC OFF	DISCHARGE PIPE SENSOR ERROR	

Note(1) ※used only at our factory.

4. TECHNICAL INFORMATION

(1) Model SCM40ZM-S

Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK20ZMX-S x 2**
Outdoor unit model name	**SCM40ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**4.00**	kW
heating / Average	Pdesignh	**5.20**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**5.92**	A+
heating / Average	SCOP/A	**4.05**	A+
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**4.41**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	**0.79**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW

Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**4.00**	kW
Tj=30℃	Pdc	**3.00**	kW
Tj=25℃	Pdc	**3.30**	kW
Tj=20℃	Pdc	**3.60**	kW

Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	**4.76**	-
Tj=30℃	EERd	**7.20**	-
Tj=25℃	EERd	**8.90**	-
Tj=20℃	EERd	**7.40**	-

Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**4.60**	kW
Tj=2℃	Pdh	**2.80**	kW
Tj=7℃	Pdh	**2.20**	kW
Tj=12℃	Pdh	**3.10**	kW
Tj=bivalent temperature	Pdh	**4.60**	kW
Tj=operating limit	Pdh	**4.10**	kW

Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**2.80**	-
Tj=2℃	COPd	**3.90**	-
Tj=7℃	COPd	**5.50**	-
Tj=12℃	COPd	**6.90**	-
Tj=bivalent temperature	COPd	**2.80**	-
Tj=operating limit	COPd	**2.50**	-

Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW

Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-

Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	-	kW

Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	-	-

Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃

Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃

Cycling interval capacity			
for cooling	Pcycc	-	kW
for heating	Pcych	-	kW

Cycling interval efficiency			
for cooling	EERcyc	-	-
for heating	COPcyc	-	-

Degradation coefficient			
cooling	Cdc	**0.25**	-

Degradation coefficient			
heating	Cdh	**0.25**	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	**13**	W
standby mode	Psb	**13**	W
thermostat-off mode	Pto	**25**	W
crankcase heater mode	Pck	**0**	W

Annual electricity consumption			
cooling	Qce	**237**	kWh/a
heating / Average	Qhe	**1798**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**53**	dB(A)
Sound power level(outdoor)	Lwa	**60**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**690**	m3/h
Rated air flow(outdoor)	-	**2400**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative.
	Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

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Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK20ZM-S x 2**
Outdoor unit model name	**SCM40ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**4.00**	kW
heating / Average	Pdesignh	**5.20**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**5.72**	A+
heating / Average	SCOP/A	**3.84**	A
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**4.41**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW

Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	elbu	**0.79**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW

Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**4.00**	kW
Tj=30℃	Pdc	**3.00**	kW
Tj=25℃	Pdc	**3.30**	kW
Tj=20℃	Pdc	**3.60**	kW

Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	**4.54**	-
Tj=30℃	EERd	**6.90**	-
Tj=25℃	EERd	**8.50**	-
Tj=20℃	EERd	**7.20**	-

Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**4.60**	kW
Tj=2℃	Pdh	**2.80**	kW
Tj=7℃	Pdh	**2.20**	kW
Tj=12℃	Pdh	**3.10**	kW
Tj=bivalent temperature	Pdh	**4.60**	kW
Tj=operating limit	Pdh	**4.10**	kW

Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**2.60**	-
Tj=2℃	COPd	**3.60**	-
Tj=7℃	COPd	**5.50**	-
Tj=12℃	COPd	**6.90**	-
Tj=bivalent temperature	COPd	**2.60**	-
Tj=operating limit	COPd	**2.40**	-

Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW

Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-

Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	-	kW

Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	-	-

Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃

Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃

Cycling interval capacity			
for cooling	Pcycc	-	kW
for heating	Pcych	-	kW

Cycling interval efficiency			
for cooling	EERcyc	-	-
for heating	COPcyc	-	-

Degradation coefficient			
cooling	Cdc	**0.25**	-

Degradation coefficient			
heating	Cdh	**0.25**	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	**13**	W
standby mode	Psb	**13**	W
thermostat-off mode	Pto	**25**	W
crankcase heater mode	Pck	**0**	W

Annual electricity consumption			
cooling	Qce	**245**	kWh/a
heating / Average	Qhe	**1897**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**49**	dB(A)
Sound power level(outdoor)	Lwa	**60**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**468**	m3/h
Rated air flow(outdoor)	-	**2400**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative.
	Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

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(2) Model SCM45ZM-S

Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK20ZMX-S + SRK25ZMX-S**
Outdoor unit model name	**SCM45ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**4.50**	kW
heating / Average	Pdesignh	**5.80**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW
Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**4.95**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW
Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**4.50**	kW
Tj=30℃	Pdc	**3.30**	kW
Tj=25℃	Pdc	**3.30**	kW
Tj=20℃	Pdc	**3.60**	kW
Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**5.10**	kW
Tj=2℃	Pdh	**3.10**	kW
Tj=7℃	Pdh	**2.20**	kW
Tj=12℃	Pdh	**3.10**	kW
Tj=bivalent temperature	Pdh	**5.10**	kW
Tj=operating limit	Pdh	**4.70**	kW
Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	-	kW
Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃
Cycling interval capacity			
for cooling	Pcycc	-	kW
for heating	Pcych	-	kW
Degradation coefficient			
cooling	Cdc	**0.25**	-
Electric power input in power modes other than 'active mode'			
off mode	Poff	**13**	W
standby mode	Psb	**13**	W
thermostat-off mode	Pto	**25**	W
crankcase heater mode	Pck	**0**	W

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**5.98**	A+
heating / Average	SCOP/A	**4.03**	A+
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-
			unit
Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	elbu	**0.85**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW
Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	**4.33**	-
Tj=30℃	EERd	**7.00**	-
Tj=25℃	EERd	**8.90**	-
Tj=20℃	EERd	**7.40**	-
Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**2.40**	-
Tj=2℃	COPd	**4.00**	-
Tj=7℃	COPd	**5.50**	-
Tj=12℃	COPd	**6.90**	-
Tj=bivalent temperature	COPd	**2.40**	-
Tj=operating limit	COPd	**2.10**	-
Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	-	-
Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃
Cycling interval efficiency			
for cooling	EERcyc	-	-
for heating	COPcyc	-	-
Degradation coefficient			
heating	Cdh	**0.25**	-
Annual electricity consumption			
cooling	Qce	**264**	kWh/a
heating / Average	Qhe	**2014**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**55**	dB(A)
Sound power level(outdoor)	Lwa	**60**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**750**	m3/h
Rated air flow(outdoor)	-	**2400**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative. Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

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Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK20ZM-S+SRK25ZM-S**
Outdoor unit model name	**SCM45ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**4.50**	kW
heating / Average	Pdesignh	**5.80**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**5.80**	A+
heating / Average	SCOP/A	**3.82**	A
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**4.95**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	**0.85**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW

Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**4.50**	kW
Tj=30℃	Pdc	**3.30**	kW
Tj=25℃	Pdc	**3.30**	kW
Tj=20℃	Pdc	**3.60**	kW

Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	**4.12**	-
Tj=30℃	EERd	**6.85**	-
Tj=25℃	EERd	**8.50**	-
Tj=20℃	EERd	**7.20**	-

Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**5.10**	kW
Tj=2℃	Pdh	**3.10**	kW
Tj=7℃	Pdh	**2.20**	kW
Tj=12℃	Pdh	**3.10**	kW
Tj=bivalent temperature	Pdh	**5.10**	kW
Tj=operating limit	Pdh	**4.70**	kW

Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**2.30**	-
Tj=2℃	COPd	**3.65**	-
Tj=7℃	COPd	**5.50**	-
Tj=12℃	COPd	**6.85**	-
Tj=bivalent temperature	COPd	**2.30**	-
Tj=operating limit	COPd	**2.10**	-

Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW

Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-

Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	-	kW

Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	-	-

Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃

Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃

Cycling interval capacity			
for cooling	Pcycc	-	kW
for heating	Pcych	-	kW

Cycling interval efficiency			
for cooling	EERcyc	-	-
for heating	COPcyc	-	-

Degradation coefficient			
cooling	Cdc	**0.25**	-

Degradation coefficient			
heating	Cdh	**0.25**	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	**13**	W
standby mode	Psb	**13**	W
thermostat-off mode	Pto	**25**	W
crankcase heater mode	Pck	**0**	W

Annual electricity consumption			
cooling	Qce	**272**	kWh/a
heating / Average	Qhe	**2128**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**50**	dB(A)
Sound power level(outdoor)	Lwa	**60**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**474**	m3/h
Rated air flow(outdoor)	-	**2400**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative. Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

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(3) Model SCM50ZM-S

Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK25ZMX-S×2**
Outdoor unit model name	**SCM50ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**5.00**	kW
heating / Average	Pdesignh	**5.80**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**5.61**	A+
heating / Average	SCOP/A	**3.82**	A
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**4.90**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	**0.90**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW

Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**5.00**	kW
Tj=30℃	Pdc	**3.70**	kW
Tj=25℃	Pdc	**3.30**	kW
Tj=20℃	Pdc	**3.60**	kW

Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	**3.70**	-
Tj=30℃	EERd	**5.75**	-
Tj=25℃	EERd	**8.15**	-
Tj=20℃	EERd	**7.40**	-

Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**5.20**	kW
Tj=2℃	Pdh	**3.20**	kW
Tj=7℃	Pdh	**2.10**	kW
Tj=12℃	Pdh	**2.30**	kW
Tj=bivalent temperature	Pdh	**5.20**	kW
Tj=operating limit	Pdh	**4.40**	kW

Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**2.50**	-
Tj=2℃	COPd	**3.71**	-
Tj=7℃	COPd	**5.20**	-
Tj=12℃	COPd	**5.90**	-
Tj=bivalent temperature	COPd	**2.50**	-
Tj=operating limit	COPd	**1.90**	-

Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW

Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-

Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	-	kW

Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	-	-

Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃

Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃

Cycling interval capacity			
for cooling	Pcycc	-	kW
for heating	Pcych	-	kW

Cycling interval efficiency			
for cooling	EERcyc	-	-
for heating	COPcyc	-	-

Degradation coefficient			
cooling	Cdc	**0.25**	-

Degradation coefficient			
heating	Cdh	**0.25**	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	**12**	W
standby mode	Psb	**12**	W
thermostat-off mode	Pto	**30**	W
crankcase heater mode	Pck	**0**	W

Annual electricity consumption			
cooling	Qce	**312**	kWh/a
heating / Average	Qhe	**2125**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**50**	dB(A)
Sound power level(outdoor)	Lwa	**62**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**474**	m3/h
Rated air flow(outdoor)	-	**2460**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative.
	Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

A	RWC000Z284

Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK20ZMX-S x 3**
Outdoor unit model name	**SCM50ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**5.00**	kW
heating / Average	Pdesignh	**5.90**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**6.62**	A++
heating / Average	SCOP/A	**3.95**	A
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**4.90**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	**1.00**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW

Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**5.00**	kW
Tj=30℃	Pdc	**3.70**	kW
Tj=25℃	Pdc	**3.60**	kW
Tj=20℃	Pdc	**3.90**	kW

Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	**4.63**	-
Tj=30℃	EERd	**7.10**	-
Tj=25℃	EERd	**9.90**	-
Tj=20℃	EERd	**9.00**	-

Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**5.20**	kW
Tj=2℃	Pdh	**3.20**	kW
Tj=7℃	Pdh	**2.00**	kW
Tj=12℃	Pdh	**2.30**	kW
Tj=bivalent temperature	Pdh	**5.20**	kW
Tj=operating limit	Pdh	**4.40**	kW

Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**2.60**	-
Tj=2℃	COPd	**3.90**	-
Tj=7℃	COPd	**5.10**	-
Tj=12℃	COPd	**6.30**	-
Tj=bivalent temperature	COPd	**2.60**	-
Tj=operating limit	COPd	**2.20**	-

Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW

Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-

Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	-	kW

Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	-	-

Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃

Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃

Cycling interval capacity			
for cooling	Pcycc	-	kW
for heating	Pcych	-	kW

Cycling interval efficiency			
for cooling	EERcyc	-	-
for heating	COPcyc	-	-

Degradation coefficient			
cooling	Cdc	**0.25**	-

Degradation coefficient			
heating	Cdh	**0.25**	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	**13**	W
standby mode	Psb	**13**	W
thermostat-off mode	Pto	**28**	W
crankcase heater mode	Pck	**0**	W

Annual electricity consumption			
cooling	Qce	**265**	kWh/a
heating / Average	Qhe	**2091**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**53**	dB(A)
Sound power level(outdoor)	Lwa	**62**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**690**	m3/h
Rated air flow(outdoor)	-	**2460**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative.
	Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

B	RWC000Z284

Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK25ZM-S×2**
Outdoor unit model name	**SCM50ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**5.00**	kW
heating / Average	Pdesignh	**6.10**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**5.60**	A+
heating / Average	SCOP/A	**3.80**	A
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**5.14**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	**0.96**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW

Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**5.00**	kW
Tj=30℃	Pdc	**3.70**	kW
Tj=25℃	Pdc	**3.30**	kW
Tj=20℃	Pdc	**3.60**	kW

Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	**3.40**	-
Tj=30℃	EERd	**5.70**	-
Tj=25℃	EERd	**8.10**	-
Tj=20℃	EERd	**7.40**	-

Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**5.40**	kW
Tj=2℃	Pdh	**3.30**	kW
Tj=7℃	Pdh	**2.20**	kW
Tj=12℃	Pdh	**2.80**	kW
Tj=bivalent temperature	Pdh	**5.40**	kW
Tj=operating limit	Pdh	**4.70**	kW

Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**2.40**	-
Tj=2℃	COPd	**3.73**	-
Tj=7℃	COPd	**5.20**	-
Tj=12℃	COPd	**5.90**	-
Tj=bivalent temperature	COPd	**2.40**	-
Tj=operating limit	COPd	**1.90**	-

Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW

Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-

Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	-	kW

Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	-	-

Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃

Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃

Cycling interval capacity			
for cooling	Pcycc	-	kW
for heating	Pcych	-	kW

Cycling interval efficiency			
for cooling	EERcyc	-	-
for heating	COPcyc	-	-

Degradation coefficient			
cooling	Cdc	**0.25**	-

Degradation coefficient			
heating	Cdh	**0.25**	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	**11**	W
standby mode	Psb	**11**	W
thermostat-off mode	Pto	**25**	W
crankcase heater mode	Pck	**0**	W

Annual electricity consumption			
cooling	Qce	**313**	kWh/a
heating / Average	Qhe	**2247**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**50**	dB(A)
Sound power level(outdoor)	Lwa	**62**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**474**	m3/h
Rated air flow(outdoor)	-	**2460**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative. Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

A	RWC000Z284

Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK20ZM-S×3**
Outdoor unit model name	**SCM50ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**5.00**	kW
heating / Average	Pdesignh	**6.30**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**6.52**	A++
heating / Average	SCOP/A	**3.88**	A
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**5.19**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	**1.11**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW

Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**5.00**	kW
Tj=30℃	Pdc	**3.70**	kW
Tj=25℃	Pdc	**3.50**	kW
Tj=20℃	Pdc	**4.00**	kW

Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	**4.50**	-
Tj=30℃	EERd	**7.00**	-
Tj=25℃	EERd	**9.60**	-
Tj=20℃	EERd	**8.80**	-

Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**5.60**	kW
Tj=2℃	Pdh	**3.40**	kW
Tj=7℃	Pdh	**2.20**	kW
Tj=12℃	Pdh	**2.80**	kW
Tj=bivalent temperature	Pdh	**5.60**	kW
Tj=operating limit	Pdh	**4.50**	kW

Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**2.40**	-
Tj=2℃	COPd	**3.60**	-
Tj=7℃	COPd	**5.60**	-
Tj=12℃	COPd	**7.10**	-
Tj=bivalent temperature	COPd	**2.40**	-
Tj=operating limit	COPd	**2.20**	-

Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW

Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-

Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	-	kW

Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	-	-

Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃

Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃

Cycling interval capacity			
for cooling	Pcycc	-	kW
for heating	Pcych	-	kW

Cycling interval efficiency			
for cooling	EERcyc	-	-
for heating	COPcyc	-	-

Degradation coefficient			
cooling	Cdc	**0.25**	-

Degradation coefficient			
heating	Cdh	**0.25**	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	**12**	W
standby mode	Psb	**12**	W
thermostat-off mode	Pto	**32**	W
crankcase heater mode	Pck	**0**	W

Annual electricity consumption			
cooling	Qce	**269**	kWh/a
heating / Average	Qhe	**2276**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**49**	dB(A)
Sound power level(outdoor)	Lwa	**62**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**468**	m3/h
Rated air flow(outdoor)	-	**2460**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative. Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

B	RWC000Z284

(4) Model SCM60ZM-S

Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK25ZMX-S+SRK35ZMX-S**
Outdoor unit model name	**SCM60ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**6.00**	kW
heating / Average	Pdesignh	**7.00**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**5.61**	A+
heating / Average	SCOP/A	**3.82**	A
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**6.56**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	**0.44**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW

Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**6.00**	kW
Tj=30℃	Pdc	**4.42**	kW
Tj=25℃	Pdc	**3.19**	kW
Tj=20℃	Pdc	**4.20**	kW

Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	**3.15**	-
Tj=30℃	EERd	**4.75**	-
Tj=25℃	EERd	**8.62**	-
Tj=20℃	EERd	**7.38**	-

Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**6.41**	kW
Tj=2℃	Pdh	**3.88**	kW
Tj=7℃	Pdh	**3.24**	kW
Tj=12℃	Pdh	**3.83**	kW
Tj=bivalent temperature	Pdh	**6.41**	kW
Tj=operating limit	Pdh	**6.82**	kW

Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**2.37**	-
Tj=2℃	COPd	**3.85**	-
Tj=7℃	COPd	**5.25**	-
Tj=12℃	COPd	**5.97**	-
Tj=bivalent temperature	COPd	**2.37**	-
Tj=operating limit	COPd	**2.3**	-

Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW

Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-

Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	-	kW

Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	-	-

Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃

Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃

Cycling interval capacity			
for cooling	Pcycc	-	kW
for heating	Pcych	-	kW

Cycling interval efficiency			
for cooling	EERcyc	-	-
for heating	COPcyc	-	-

Degradation coefficient			
cooling	Cdc	**0.25**	-

Degradation coefficient			
heating	Cdh	**0.25**	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	**12**	W
standby mode	Psb	**12**	W
thermostat-off mode	Pto	**25**	W
crankcase heater mode	Pck	**0**	W

Annual electricity consumption			
cooling	Qce	**375**	kWh/a
heating / Average	Qhe	**2569**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**58**	dB(A)
Sound power level(outdoor)	Lwa	**63**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**810**	m3/h
Rated air flow(outdoor)	-	**2520**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative. Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

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Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK20ZMX-S×3**
Outdoor unit model name	**SCM60ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**6.00**	kW
heating / Average	Pdesignh	**7.10**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW
Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**6.37**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW
Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**6.00**	kW
Tj=30℃	Pdc	**4.47**	kW
Tj=25℃	Pdc	**3.27**	kW
Tj=20℃	Pdc	**4.55**	kW
Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**6.50**	kW
Tj=2℃	Pdh	**4.04**	kW
Tj=7℃	Pdh	**2.65**	kW
Tj=12℃	Pdh	**2.93**	kW
Tj=bivalent temperature	Pdh	**6.50**	kW
Tj=operating limit	Pdh	**6.14**	kW
Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	-	kW
Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃
Cycling interval capacity			
for cooling	Pcycc	-	kW
for heating	Pcych	-	kW
Degradation coefficient			
cooling	Cdc	**0.25**	-
Electric power input in power modes other than 'active mode'			
off mode	Poff	**14**	W
standby mode	Psb	**14**	W
thermostat-off mode	Pto	**30**	W
crankcase heater mode	Pck	**0**	W
Capacity control(indicate one of three options)			
fixed		**No**	
staged		**No**	
variable		**Yes**	

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**6.55**	A++
heating / Average	SCOP/A	**4.01**	A+
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-
			unit
Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	elbu	**0.73**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW
Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	**4.08**	-
Tj=30℃	EERd	**6.32**	-
Tj=25℃	EERd	**9.63**	-
Tj=20℃	EERd	**9.19**	-
Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**2.30**	-
Tj=2℃	COPd	**4.14**	-
Tj=7℃	COPd	**5.25**	-
Tj=12℃	COPd	**6.11**	-
Tj=bivalent temperature	COPd	**2.30**	-
Tj=operating limit	COPd	**2.56**	-
Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	-	-
Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃
Cycling interval efficiency			
for cooling	EERcyc	-	-
for heating	COPcyc	-	-
Degradation coefficient			
heating	Cdh	**0.25**	-
Annual electricity consumption			
cooling	Qce	**321**	kWh/a
heating / Average	Qhe	**2480**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a
Other items			
Sound power level(indoor)	Lwa	**53**	dB(A)
Sound power level(outdoor)	Lwa	**63**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**690**	m3/h
Rated air flow(outdoor)	-	**2520**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative. Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

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Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK25ZM-S+SRK35ZM-S**
Outdoor unit model name	**SCM60ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**6.00**	kW
heating / Average	Pdesignh	**7.20**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**5.55**	A
heating / Average	SCOP/A	**3.80**	A
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**6.56**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	**0.64**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW

Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**6.00**	kW
Tj=30℃	Pdc	**4.42**	kW
Tj=25℃	Pdc	**3.19**	kW
Tj=20℃	Pdc	**4.20**	kW

Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	**3.03**	-
Tj=30℃	EERd	**4.72**	-
Tj=25℃	EERd	**8.62**	-
Tj=20℃	EERd	**7.38**	-

Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**6.41**	kW
Tj=2℃	Pdh	**3.88**	kW
Tj=7℃	Pdh	**3.24**	kW
Tj=12℃	Pdh	**3.83**	kW
Tj=bivalent temperature	Pdh	**6.41**	kW
Tj=operating limit	Pdh	**6.82**	kW

Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**2.37**	-
Tj=2℃	COPd	**3.83**	-
Tj=7℃	COPd	**5.19**	-
Tj=12℃	COPd	**5.95**	-
Tj=bivalent temperature	COPd	**2.37**	-
Tj=operating limit	COPd	**2.14**	-

Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW

Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-

Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	-	kW

Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	-	-

Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃

Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃

Cycling interval capacity			
for cooling	Pcycc	-	kW
for heating	Pcych	-	kW

Cycling interval efficiency			
for cooling	EERcyc	-	-
for heating	COPcyc	-	-

Degradation coefficient			
cooling	Cdc	**0.25**	-

Degradation coefficient			
heating	Cdh	**0.25**	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	**12**	W
standby mode	Psb	**12**	W
thermostat-off mode	Pto	**35**	W
crankcase heater mode	Pck	**0**	W

Annual electricity consumption			
cooling	Qce	**379**	kWh/a
heating / Average	Qhe	**2656**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**58**	dB(A)
Sound power level(outdoor)	Lwa	**63**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**606**	m3/h
Rated air flow(outdoor)	-	**2520**	m3/h

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Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK20ZM-S×3**
Outdoor unit model name	**SCM60ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**6.00**	kW
heating / Average	Pdesignh	**7.10**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**6.21**	A++
heating / Average	SCOP/A	**3.91**	A
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-

Declared capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	Pdh	**6.46**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW

Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	elbu	**0.64**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW

Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**6.00**	kW
Tj=30℃	Pdc	**4.47**	kW
Tj=25℃	Pdc	**3.27**	kW
Tj=20℃	Pdc	**4.55**	kW

Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	**3.98**	-
Tj=30℃	EERd	**6.10**	-
Tj=25℃	EERd	**9.10**	-
Tj=20℃	EERd	**8.50**	-

Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**6.65**	kW
Tj=2℃	Pdh	**4.04**	kW
Tj=7℃	Pdh	**2.65**	kW
Tj=12℃	Pdh	**2.93**	kW
Tj=bivalent temperature	Pdh	**6.65**	kW
Tj=operating limit	Pdh	**6.14**	kW

Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**2.37**	-
Tj=2℃	COPd	**3.90**	-
Tj=7℃	COPd	**5.25**	-
Tj=12℃	COPd	**6.11**	-
Tj=bivalent temperature	COPd	**2.37**	-
Tj=operating limit	COPd	**2.56**	-

Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW

Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-

Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	-	kW

Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	-	-

Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃

Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃

Cycling interval capacity			
for cooling	Pcycc	-	kW
for heating	Pcych	-	kW

Cycling interval efficiency			
for cooling	EERcyc	-	-
for heating	COPcyc	-	-

Degradation coefficient			
cooling	Cdc	**0.25**	-

Degradation coefficient			
heating	Cdh	**0.25**	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	**14**	W
standby mode	Psb	**14**	W
thermostat-off mode	Pto	**40**	W
crankcase heater mode	Pck	**0**	W

Annual electricity consumption			
cooling	Qce	**338**	kWh/a
heating / Average	Qhe	**2544**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**49**	dB(A)
Sound power level(outdoor)	Lwa	**63**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**468**	m3/h
Rated air flow(outdoor)	-	**2520**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative. Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

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(5) Model SCM71ZM-S

Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK35ZMX-Sx2**
Outdoor unit model name	**SCM71ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**7.10**	kW
heating / Average	Pdesignh	**7.30**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**5.85**	A+
heating / Average	SCOP/A	**3.81**	A
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**5.98**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	**1.32**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW

Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**7.10**	kW
Tj=30℃	Pdc	**5.29**	kW
Tj=25℃	Pdc	**3.30**	kW
Tj=20℃	Pdc	**4.31**	kW

Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	**3.34**	-
Tj=30℃	EERd	**5.25**	-
Tj=25℃	EERd	**7.85**	-
Tj=20℃	EERd	**9.25**	-

Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**6.62**	kW
Tj=2℃	Pdh	**3.95**	kW
Tj=7℃	Pdh	**2.49**	kW
Tj=12℃	Pdh	**2.63**	kW
Tj=bivalent temperature	Pdh	**6.62**	kW
Tj=operating limit	Pdh	**4.90**	kW

Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**2.45**	-
Tj=2℃	COPd	**3.99**	-
Tj=7℃	COPd	**4.57**	-
Tj=12℃	COPd	**5.58**	-
Tj=bivalent temperature	COPd	**2.45**	-
Tj=operating limit	COPd	**1.80**	-

Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW

Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-

Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	-	kW

Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	-	-

Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃

Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃

Cycling interval capacity			
for cooling	Pcycc	-	kW
for heating	Pcych	-	kW

Cycling interval efficiency			
for cooling	EERcyc	-	-
for heating	COPcyc	-	-

Degradation coefficient			
cooling	Cdc	**0.25**	-

Degradation coefficient			
heating	Cdh	**0.25**	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	**15**	W
standby mode	Psb	**15**	W
thermostat-off mode	Pto	**40**	W
crankcase heater mode	Pck	**0**	W

Annual electricity consumption			
cooling	Qce	**425**	kWh/a
heating / Average	Qhe	**2682**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**58**	dB(A)
Sound power level(outdoor)	Lwa	**65**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**810**	m3/h
Rated air flow(outdoor)	-	**3360**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative. Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

A	RWC000Z284

Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK20ZMX-S+SRK25ZMX-Sx2**
Outdoor unit model name	**SCM71ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**7.10**	kW
heating / Average	Pdesignh	**7.30**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**6.09**	A+
heating / Average	SCOP/A	**3.81**	A
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**5.98**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	**1.32**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW

Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**7.10**	kW
Tj=30℃	Pdc	**5.29**	kW
Tj=25℃	Pdc	**3.30**	kW
Tj=20℃	Pdc	**4.31**	kW

Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	**3.85**	-
Tj=30℃	EERd	**5.55**	-
Tj=25℃	EERd	**8.05**	-
Tj=20℃	EERd	**9.35**	-

Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**6.62**	kW
Tj=2℃	Pdh	**3.95**	kW
Tj=7℃	Pdh	**2.49**	kW
Tj=12℃	Pdh	**2.63**	kW
Tj=bivalent temperature	Pdh	**6.62**	kW
Tj=operating limit	Pdh	**4.90**	kW

Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**2.45**	-
Tj=2℃	COPd	**3.99**	-
Tj=7℃	COPd	**4.57**	-
Tj=12℃	COPd	**5.58**	-
Tj=bivalent temperature	COPd	**2.45**	-
Tj=operating limit	COPd	**1.80**	-

Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW

Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-

Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	-	kW

Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	-	-

Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃

Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃

Cycling interval capacity			
for cooling	Pcycc	-	kW
for heating	Pcych	-	kW

Cycling interval efficiency			
for cooling	EERcyc	-	-
for heating	COPcyc	-	-

Degradation coefficient			
cooling	Cdc	**0.25**	-

Degradation coefficient			
heating	Cdh	**0.25**	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	**15**	W
standby mode	Psb	**15**	W
thermostat-off mode	Pto	**40**	W
crankcase heater mode	Pck	**0**	W

Annual electricity consumption			
cooling	Qce	**409**	kWh/a
heating / Average	Qhe	**2682**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**55**	dB(A)
Sound power level(outdoor)	Lwa	**65**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**750**	m3/h
Rated air flow(outdoor)	-	**3360**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative. Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

A	RWC000Z284

Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK20ZMX-S × 4**
Outdoor unit model name	**SCM71ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**7.10**	kW
heating / Average	Pdesignh	**7.30**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**6.41**	A++
heating / Average	SCOP/A	**3.81**	A
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**5.98**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	**1.32**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW

Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**7.10**	kW
Tj=30℃	Pdc	**5.29**	kW
Tj=25℃	Pdc	**3.30**	kW
Tj=20℃	Pdc	**4.31**	kW

Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	**4.14**	-
Tj=30℃	EERd	**5.94**	-
Tj=25℃	EERd	**8.28**	-
Tj=20℃	EERd	**10.19**	-

Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**6.62**	kW
Tj=2℃	Pdh	**3.95**	kW
Tj=7℃	Pdh	**2.49**	kW
Tj=12℃	Pdh	**2.63**	kW
Tj=bivalent temperature	Pdh	**6.62**	kW
Tj=operating limit	Pdh	**4.90**	kW

Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**2.45**	-
Tj=2℃	COPd	**3.99**	-
Tj=7℃	COPd	**4.57**	-
Tj=12℃	COPd	**5.58**	-
Tj=bivalent temperature	COPd	**2.45**	-
Tj=operating limit	COPd	**1.80**	-

Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW

Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-

Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	-	kW

Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	-	-

Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃

Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃

Cycling interval capacity			
for cooling	Pcycc	-	kW
for heating	Pcych	-	kW

Cycling interval efficiency			
for cooling	EERcyc	-	-
for heating	COPcyc	-	-

Degradation coefficient			
cooling	Cdc	**0.25**	-

Degradation coefficient			
heating	Cdh	**0.25**	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	**15**	W
standby mode	Psb	**15**	W
thermostat-off mode	Pto	**40**	W
crankcase heater mode	Pck	**0**	W

Annual electricity consumption			
cooling	Qce	**388**	kWh/a
heating / Average	Qhe	**2682**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**53**	dB(A)
Sound power level(outdoor)	Lwa	**65**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**690**	m3/h
Rated air flow(outdoor)	-	**3360**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative.
	Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

B	RWC000Z284

Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK35ZM-S×2**
Outdoor unit model name	**SCM71ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**7.10**	kW
heating / Average	Pdesignh	**7.40**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**5.67**	A+
heating / Average	SCOP/A	**3.80**	A
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**6.83**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	**0.57**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW

Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**7.10**	kW
Tj=30℃	Pdc	**5.26**	kW
Tj=25℃	Pdc	**3.36**	kW
Tj=20℃	Pdc	**4.14**	kW

Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	**2.91**	-
Tj=30℃	EERd	**4.71**	-
Tj=25℃	EERd	**8.65**	-
Tj=20℃	EERd	**9.13**	-

Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**6.65**	kW
Tj=2℃	Pdh	**3.86**	kW
Tj=7℃	Pdh	**3.04**	kW
Tj=12℃	Pdh	**3.58**	kW
Tj=bivalent temperature	Pdh	**6.65**	kW
Tj=operating limit	Pdh	**7.12**	kW

Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**2.21**	-
Tj=2℃	COPd	**4.19**	-
Tj=7℃	COPd	**4.64**	-
Tj=12℃	COPd	**5.35**	-
Tj=bivalent temperature	COPd	**2.21**	-
Tj=operating limit	COPd	**1.99**	-

Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW

Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-

Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	**-**	kW

Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	**-**	-

Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃

Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃

Cycling interval capacity			
for cooling	Pcycc	**-**	kW
for heating	Pcych	**-**	kW

Cycling interval efficiency			
for cooling	EERcyc	**-**	-
for heating	COPcyc	**-**	-

Degradation coefficient			
cooling	Cdc	**0.25**	-

Degradation coefficient			
heating	Cdh	**0.25**	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	**18**	W
standby mode	Psb	**18**	W
thermostat-off mode	Pto	**50**	W
crankcase heater mode	Pck	**0**	W

Annual electricity consumption			
cooling	Qce	**439**	kWh/a
heating / Average	Qhe	**2726**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**58**	dB(A)
Sound power level(outdoor)	Lwa	**65**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**606**	m3/h
Rated air flow(outdoor)	-	**3360**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative. Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

A	RWC000Z284

Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK20ZM-S+SRK25ZM-Sx2**
Outdoor unit model name	**SCM71ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**7.10**	kW
heating / Average	Pdesignh	**7.40**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**5.81**	A+
heating / Average	SCOP/A	**3.80**	A
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**6.83**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	**0.57**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW

Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**7.10**	kW
Tj=30℃	Pdc	**5.26**	kW
Tj=25℃	Pdc	**3.36**	kW
Tj=20℃	Pdc	**4.14**	kW

Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	**3.73**	-
Tj=30℃	EERd	**4.71**	-
Tj=25℃	EERd	**8.65**	-
Tj=20℃	EERd	**9.13**	-

Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**6.65**	kW
Tj=2℃	Pdh	**3.86**	kW
Tj=7℃	Pdh	**3.04**	kW
Tj=12℃	Pdh	**3.58**	kW
Tj=bivalent temperature	Pdh	**6.65**	kW
Tj=operating limit	Pdh	**7.12**	kW

Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**2.21**	-
Tj=2℃	COPd	**4.19**	-
Tj=7℃	COPd	**4.64**	-
Tj=12℃	COPd	**5.35**	-
Tj=bivalent temperature	COPd	**2.21**	-
Tj=operating limit	COPd	**1.99**	-

Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW

Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-

Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	**-**	kW

Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	**-**	-

Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃

Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃

Cycling interval capacity			
for cooling	Pcycc	**-**	kW
for heating	Pcych	**-**	kW

Cycling interval efficiency			
for cooling	EERcyc	**-**	-
for heating	COPcyc	**-**	-

Degradation coefficient			
cooling	Cdc	**0.25**	-

Degradation coefficient			
heating	Cdh	**0.25**	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	**19**	W
standby mode	Psb	**19**	W
thermostat-off mode	Pto	**52**	W
crankcase heater mode	Pck	**0**	W

Annual electricity consumption			
cooling	Qce	**429**	kWh/a
heating / Average	Qhe	**2726**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**50**	dB(A)
Sound power level(outdoor)	Lwa	**65**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**474**	m3/h
Rated air flow(outdoor)	-	**3360**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative. Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

A	RWC000Z284

Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK20ZM-Sx4**
Outdoor unit model name	**SCM71ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**7.10**	kW
heating / Average	Pdesignh	**7.40**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**5.94**	A+
heating / Average	SCOP/A	**3.80**	A
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**6.83**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	**0.57**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW

Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**7.10**	kW
Tj=30℃	Pdc	**5.26**	kW
Tj=25℃	Pdc	**3.36**	kW
Tj=20℃	Pdc	**4.14**	kW

Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	**3.94**	-
Tj=30℃	EERd	**5.03**	-
Tj=25℃	EERd	**8.65**	-
Tj=20℃	EERd	**9.27**	-

Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**6.65**	kW
Tj=2℃	Pdh	**3.86**	kW
Tj=7℃	Pdh	**3.04**	kW
Tj=12℃	Pdh	**3.58**	kW
Tj=bivalent temperature	Pdh	**6.65**	kW
Tj=operating limit	Pdh	**7.12**	kW

Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**2.21**	-
Tj=2℃	COPd	**4.19**	-
Tj=7℃	COPd	**4.64**	-
Tj=12℃	COPd	**5.35**	-
Tj=bivalent temperature	COPd	**2.21**	-
Tj=operating limit	COPd	**1.99**	-

Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW

Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-

Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	**-**	kW

Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	**-**	-

Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃

Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃

Cycling interval capacity			
for cooling	Pcycc	**-**	kW
for heating	Pcych	**-**	kW

Cycling interval efficiency			
for cooling	EERcyc	**-**	-
for heating	COPcyc	**-**	-

Degradation coefficient			
cooling	Cdc	**0.25**	-

Degradation coefficient			
heating	Cdh	**0.25**	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	**19**	W
standby mode	Psb	**19**	W
thermostat-off mode	Pto	**52**	W
crankcase heater mode	Pck	**0**	W

Annual electricity consumption			
cooling	Qce	**419**	kWh/a
heating / Average	Qhe	**2726**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**46**	dB(A)
Sound power level(outdoor)	Lwa	**65**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**468**	m3/h
Rated air flow(outdoor)	-	**3360**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative. Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

A	RWC000Z284

(6) Model SCM80ZM-S

Information to identify the model(s) to which the information relates to:	
Indoor unit model name	SRK35ZMX-S+SRK50ZMX-S
Outdoor unit model name	SCM80ZM-S

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	Yes
heating	Yes

Average(mandatory)	Yes
Warmer(if designated)	No
Colder(if designated)	No

Item	symbol	value	unit
Design load			
cooling	Pdesignc	8.00	kW
heating / Average	Pdesignh	7.50	kW
heating / Warmer	Pdesignh	-	kW
heating / Colder	Pdesignh	-	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	5.74	A+
heating / Average	SCOP/A	3.81	A
heating / Warmer	SCOP/W	-	-
heating / Colder	SCOP/C	-	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	5.98	kW
heating / Warmer (2℃)	Pdh	-	kW
heating / Colder (-22℃)	Pdh	-	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	1.52	kW
heating / Warmer (2℃)	elbu	-	kW
heating / Colder (-22℃)	elbu	-	kW

Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	8.00	kW
Tj=30℃	Pdc	5.94	kW
Tj=25℃	Pdc	3.70	kW
Tj=20℃	Pdc	4.31	kW

Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	3.23	-
Tj=30℃	EERd	5.01	-
Tj=25℃	EERd	7.2	-
Tj=20℃	EERd	9.51	-

Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	6.62	kW
Tj=2℃	Pdh	3.95	kW
Tj=7℃	Pdh	2.57	kW
Tj=12℃	Pdh	2.63	kW
Tj=bivalent temperature	Pdh	6.62	kW
Tj=operating limit	Pdh	4.90	kW

Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	2.45	-
Tj=2℃	COPd	3.99	-
Tj=7℃	COPd	4.57	-
Tj=12℃	COPd	5.58	-
Tj=bivalent temperature	COPd	2.45	-
Tj=operating limit	COPd	1.80	-

Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	-	kW
Tj=7℃	Pdh	-	kW
Tj=12℃	Pdh	-	kW
Tj=bivalent temperature	Pdh	-	kW
Tj=operating limit	Pdh	-	kW

Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	-	-
Tj=7℃	COPd	-	-
Tj=12℃	COPd	-	-
Tj=bivalent temperature	COPd	-	-
Tj=operating limit	COPd	-	-

Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	-	kW
Tj=2℃	Pdh	-	kW
Tj=7℃	Pdh	-	kW
Tj=12℃	Pdh	-	kW
Tj=bivalent temperature	Pdh	-	kW
Tj=operating limit	Pdh	-	kW
Tj=-15℃	Pdh	-	kW

Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	-	-
Tj=2℃	COPd	-	-
Tj=7℃	COPd	-	-
Tj=12℃	COPd	-	-
Tj=bivalent temperature	COPd	-	-
Tj=operating limit	COPd	-	-
Tj=-15℃	COPd	-	-

Bivalent temperature			
heating / Average	Tbiv	-7	℃
heating / Warmer	Tbiv	-	℃
heating / Colder	Tbiv	-	℃

Operating limit temperature			
heating / Average	Tol	-15	℃
heating / Warmer	Tol	-	℃
heating / Colder	Tol	-	℃

Cycling interval capacity			
for cooling	Pcycc	-	kW
for heating	Pcych	-	kW

Cycling interval efficiency			
for cooling	EERcyc	-	-
for heating	COPcyc	-	-

Degradation coefficient			
cooling	Cdc	0.25	-

Degradation coefficient			
heating	Cdh	0.25	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	14	W
standby mode	Psb	14	W
thermostat-off mode	Pto	35	W
crankcase heater mode	Pck	0	W

Annual electricity consumption			
cooling	Qce	489	kWh/a
heating / Average	Qhe	2755	kWh/a
heating / Warmer	Qhe	-	kWh/a
heating / colder	Qhe	-	kWh/a

Capacity control(indicate one of three options)	
fixed	No
staged	No
variable	Yes

Other items			
Sound power level(indoor)	Lwa	60	dB(A)
Sound power level(outdoor)	Lwa	66	dB(A)
Global warming potential	GWP	1975	kgCO2eq.
Rated air flow(indoor)	-	810	m3/h
Rated air flow(outdoor)	-	3360	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative. Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

A	RWC000Z284

Information to identify the model(s) to which the information relates to:	
Indoor unit model name	SRK20ZMX-S+SRK25ZMX-S+SRK35ZMX-S
Outdoor unit model name	SCM80ZM-S

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	Yes
heating	Yes

Average(mandatory)	Yes
Warmer(if designated)	No
Colder(if designated)	No

Item	symbol	value	unit
Design load			
cooling	Pdesignc	8.00	kW
heating / Average	Pdesignh	7.50	kW
heating / Warmer	Pdesignh	-	kW
heating / Colder	Pdesignh	-	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	5.95	A+
heating / Average	SCOP/A	3.81	A
heating / Warmer	SCOP/W	-	-
heating / Colder	SCOP/C	-	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	5.98	kW
heating / Warmer (2℃)	Pdh	-	kW
heating / Colder (-22℃)	Pdh	-	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	1.52	kW
heating / Warmer (2℃)	elbu	-	kW
heating / Colder (-22℃)	elbu	-	kW

Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	8.00	kW
Tj=30℃	Pdc	5.94	kW
Tj=25℃	Pdc	3.70	kW
Tj=20℃	Pdc	4.31	kW

Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	3.52	-
Tj=30℃	EERd	5.12	-
Tj=25℃	EERd	7.65	-
Tj=20℃	EERd	9.85	-

Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	6.62	kW
Tj=2℃	Pdh	3.95	kW
Tj=7℃	Pdh	2.57	kW
Tj=12℃	Pdh	2.63	kW
Tj=bivalent temperature	Pdh	6.62	kW
Tj=operating limit	Pdh	4.90	kW

Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	2.45	-
Tj=2℃	COPd	3.99	-
Tj=7℃	COPd	4.57	-
Tj=12℃	COPd	5.58	-
Tj=bivalent temperature	COPd	2.45	-
Tj=operating limit	COPd	1.80	-

Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	-	kW
Tj=7℃	Pdh	-	kW
Tj=12℃	Pdh	-	kW
Tj=bivalent temperature	Pdh	-	kW
Tj=operating limit	Pdh	-	kW

Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	-	-
Tj=7℃	COPd	-	-
Tj=12℃	COPd	-	-
Tj=bivalent temperature	COPd	-	-
Tj=operating limit	COPd	-	-

Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	-	kW
Tj=2℃	Pdh	-	kW
Tj=7℃	Pdh	-	kW
Tj=12℃	Pdh	-	kW
Tj=bivalent temperature	Pdh	-	kW
Tj=operating limit	Pdh	-	kW
Tj=-15℃	Pdh	-	kW

Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	-	-
Tj=2℃	COPd	-	-
Tj=7℃	COPd	-	-
Tj=12℃	COPd	-	-
Tj=bivalent temperature	COPd	-	-
Tj=operating limit	COPd	-	-
Tj=-15℃	COPd	-	-

Bivalent temperature			
heating / Average	Tbiv	-7	℃
heating / Warmer	Tbiv	-	℃
heating / Colder	Tbiv	-	℃

Operating limit temperature			
heating / Average	Tol	-15	℃
heating / Warmer	Tol	-	℃
heating / Colder	Tol	-	℃

Cycling interval capacity			
for cooling	Pcycc	-	kW
for heating	Pcych	-	kW

Cycling interval efficiency			
for cooling	EERcyc	-	-
for heating	COPcyc	-	-

Degradation coefficient			
cooling	Cdc	0.25	-

Degradation coefficient			
heating	Cdh	0.25	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	15	W
standby mode	Psb	15	W
thermostat-off mode	Pto	40	W
crankcase heater mode	Pck	0	W

Annual electricity consumption			
cooling	Qce	471	kWh/a
heating / Average	Qhe	2755	kWh/a
heating / Warmer	Qhe	-	kWh/a
heating / colder	Qhe	-	kWh/a

Capacity control(indicate one of three options)	
fixed	No
staged	No
variable	Yes

Other items			
Sound power level(indoor)	Lwa	58	dB(A)
Sound power level(outdoor)	Lwa	66	dB(A)
Global warming potential	GWP	1975	kgCO2eq.
Rated air flow(indoor)	-	810	m3/h
Rated air flow(outdoor)	-	3360	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative.
	Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

A	RWC000Z284

Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK20ZMX-S × 4**
Outdoor unit model name	**SCM80ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**8.00**	kW
heating / Average	Pdesignh	**7.50**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**6.29**	A++
heating / Average	SCOP/A	**3.81**	A
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**5.98**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	**1.52**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW

Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**8.00**	kW
Tj=30℃	Pdc	**5.94**	kW
Tj=25℃	Pdc	**3.70**	kW
Tj=20℃	Pdc	**4.31**	kW

Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	**3.80**	-
Tj=30℃	EERd	**5.50**	-
Tj=25℃	EERd	**8.15**	-
Tj=20℃	EERd	**10.19**	-

Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**6.62**	kW
Tj=2℃	Pdh	**3.95**	kW
Tj=7℃	Pdh	**2.57**	kW
Tj=12℃	Pdh	**2.63**	kW
Tj=bivalent temperature	Pdh	**6.62**	kW
Tj=operating limit	Pdh	**4.90**	kW

Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**2.45**	-
Tj=2℃	COPd	**3.99**	-
Tj=7℃	COPd	**4.57**	-
Tj=12℃	COPd	**5.58**	-
Tj=bivalent temperature	COPd	**2.45**	-
Tj=operating limit	COPd	**1.80**	-

Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW

Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-

Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	-	kW

Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	-	-

Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃

Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃

Cycling interval capacity			
for cooling	Pcycc	-	kW
for heating	Pcych	-	kW

Cycling interval efficiency			
for cooling	EERcyc	-	-
for heating	COPcyc	-	-

Degradation coefficient			
cooling	Cdc	**0.25**	-

Degradation coefficient			
heating	Cdh	**0.25**	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	**15**	W
standby mode	Psb	**15**	W
thermostat-off mode	Pto	**40**	W
crankcase heater mode	Pck	**0**	W

Annual electricity consumption			
cooling	Qce	**446**	kWh/a
heating / Average	Qhe	**2755**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**53**	dB(A)
Sound power level(outdoor)	Lwa	**66**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**690**	m3/h
Rated air flow(outdoor)	-	**3360**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative.
	Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

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Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK35ZM-S+SRK50ZM-S**
Outdoor unit model name	**SCM80ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**7.50**	kW
heating / Average	Pdesignh	**7.60**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**5.66**	A+
heating / Average	SCOP/A	**3.80**	A
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**6.69**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	**0.91**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW

Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**7.50**	kW
Tj=30℃	Pdc	**5.54**	kW
Tj=25℃	Pdc	**3.52**	kW
Tj=20℃	Pdc	**4.19**	kW

Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	**2.79**	-
Tj=30℃	EERd	**4.74**	-
Tj=25℃	EERd	**8.46**	-
Tj=20℃	EERd	**9.27**	-

Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**6.80**	kW
Tj=2℃	Pdh	**3.99**	kW
Tj=7℃	Pdh	**3.04**	kW
Tj=12℃	Pdh	**3.58**	kW
Tj=bivalent temperature	Pdh	**6.80**	kW
Tj=operating limit	Pdh	**6.50**	kW

Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**2.29**	-
Tj=2℃	COPd	**4.12**	-
Tj=7℃	COPd	**4.64**	-
Tj=12℃	COPd	**5.35**	-
Tj=bivalent temperature	COPd	**2.29**	-
Tj=operating limit	COPd	**2.14**	-

Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW

Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-

Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	**-**	kW

Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	**-**	-

Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃

Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃

Cycling interval capacity			
for cooling	Pcycc	**-**	kW
for heating	Pcych	**-**	kW

Cycling interval efficiency			
for cooling	EERcyc	**-**	-
for heating	COPcyc	**-**	-

Degradation coefficient			
cooling	Cdc	**0.25**	-

Degradation coefficient			
heating	Cdh	**0.25**	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	**18**	W
standby mode	Psb	**18**	W
thermostat-off mode	Pto	**52**	W
crankcase heater mode	Pck	**0**	W

Annual electricity consumption			
cooling	Qce	**464**	kWh/a
heating / Average	Qhe	**2803**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**61**	dB(A)
Sound power level(outdoor)	Lwa	**66**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**678**	m3/h
Rated air flow(outdoor)	-	**3360**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative. Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

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Information to identify the model(s) to which the information relates to:	
Indoor unit model name	SRK20ZM-S+SRK25ZM-S+SRK35ZM-S
Outdoor unit model name	SCM80ZM-S

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	Yes
heating	Yes

Average(mandatory)	Yes
Warmer(if designated)	No
Colder(if designated)	No

Item	symbol	value	unit
Design load			
cooling	Pdesignc	7.50	kW
heating / Average	Pdesignh	7.60	kW
heating / Warmer	Pdesignh	-	kW
heating / Colder	Pdesignh	-	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	5.76	A+
heating / Average	SCOP/A	3.80	A
heating / Warmer	SCOP/W	-	-
heating / Colder	SCOP/C	-	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	6.69	kW
heating / Warmer (2℃)	Pdh	-	kW
heating / Colder (-22℃)	Pdh	-	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	0.91	kW
heating / Warmer (2℃)	elbu	-	kW
heating / Colder (-22℃)	elbu	-	kW

Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	7.50	kW
Tj=30℃	Pdc	5.54	kW
Tj=25℃	Pdc	3.52	kW
Tj=20℃	Pdc	4.19	kW

Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	3.52	-
Tj=30℃	EERd	4.74	-
Tj=25℃	EERd	8.46	-
Tj=20℃	EERd	9.27	-

Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	6.80	kW
Tj=2℃	Pdh	3.99	kW
Tj=7℃	Pdh	3.04	kW
Tj=12℃	Pdh	3.58	kW
Tj=bivalent temperature	Pdh	6.80	kW
Tj=operating limit	Pdh	6.50	kW

Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	2.29	-
Tj=2℃	COPd	4.12	-
Tj=7℃	COPd	4.64	-
Tj=12℃	COPd	5.35	-
Tj=bivalent temperature	COPd	2.29	-
Tj=operating limit	COPd	2.14	-

Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	-	kW
Tj=7℃	Pdh	-	kW
Tj=12℃	Pdh	-	kW
Tj=bivalent temperature	Pdh	-	kW
Tj=operating limit	Pdh	-	kW

Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	-	-
Tj=7℃	COPd	-	-
Tj=12℃	COPd	-	-
Tj=bivalent temperature	COPd	-	-
Tj=operating limit	COPd	-	-

Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	-	kW
Tj=2℃	Pdh	-	kW
Tj=7℃	Pdh	-	kW
Tj=12℃	Pdh	-	kW
Tj=bivalent temperature	Pdh	-	kW
Tj=operating limit	Pdh	-	kW
Tj=-15℃	Pdh	-	kW

Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	-	-
Tj=2℃	COPd	-	-
Tj=7℃	COPd	-	-
Tj=12℃	COPd	-	-
Tj=bivalent temperature	COPd	-	-
Tj=operating limit	COPd	-	-
Tj=-15℃	COPd	-	-

Bivalent temperature			
heating / Average	Tbiv	-7	℃
heating / Warmer	Tbiv	-	℃
heating / Colder	Tbiv	-	℃

Operating limit temperature			
heating / Average	Tol	-15	℃
heating / Warmer	Tol	-	℃
heating / Colder	Tol	-	℃

Cycling interval capacity			
for cooling	Pcycc	-	kW
for heating	Pcych	-	kW

Cycling interval efficiency			
for cooling	EERcyc	-	-
for heating	COPcyc	-	-

Degradation coefficient			
cooling	Cdc	0.25	-

Degradation coefficient			
heating	Cdh	0.25	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	20	W
standby mode	Psb	20	W
thermostat-off mode	Pto	52	W
crankcase heater mode	Pck	0	W

Annual electricity consumption			
cooling	Qce	456	kWh/a
heating / Average	Qhe	2803	kWh/a
heating / Warmer	Qhe	-	kWh/a
heating / colder	Qhe	-	kWh/a

Capacity control(indicate one of three options)	
fixed	No
staged	No
variable	Yes

Other items			
Sound power level(indoor)	Lwa	58	dB(A)
Sound power level(outdoor)	Lwa	66	dB(A)
Global warming potential	GWP	1975	kgCO2eq.
Rated air flow(indoor)	-	606	m3/h
Rated air flow(outdoor)	-	3360	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative. Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

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Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK20ZM-S x 4**
Outdoor unit model name	**SCM80ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**7.50**	kW
heating / Average	Pdesignh	**7.60**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW
Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**6.69**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW
Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**7.50**	kW
Tj=30℃	Pdc	**5.54**	kW
Tj=25℃	Pdc	**3.52**	kW
Tj=20℃	Pdc	**4.19**	kW
Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**6.80**	kW
Tj=2℃	Pdh	**3.99**	kW
Tj=7℃	Pdh	**3.04**	kW
Tj=12℃	Pdh	**3.58**	kW
Tj=bivalent temperature	Pdh	**6.80**	kW
Tj=operating limit	Pdh	**6.50**	kW
Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	**-**	kW
Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃
Cycling interval capacity			
for cooling	Pcycc	**-**	kW
for heating	Pcych	**-**	kW
Degradation coefficient			
cooling	Cdc	**0.25**	-
Electric power input in power modes other than 'active mode'			
off mode	Poff	**22**	W
standby mode	Psb	**22**	W
thermostat-off mode	Pto	**52**	W
crankcase heater mode	Pck	**0**	W

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**5.85**	A+
heating / Average	SCOP/A	**3.80**	A
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-
			unit
Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	elbu	**0.91**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW
Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	**3.57**	-
Tj=30℃	EERd	**5.03**	-
Tj=25℃	EERd	**8.68**	-
Tj=20℃	EERd	**9.27**	-
Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**2.29**	-
Tj=2℃	COPd	**4.12**	-
Tj=7℃	COPd	**4.64**	-
Tj=12℃	COPd	**5.35**	-
Tj=bivalent temperature	COPd	**2.29**	-
Tj=operating limit	COPd	**2.14**	-
Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	**-**	-
Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃
Cycling interval efficiency			
for cooling	EERcyc	**-**	-
for heating	COPcyc	**-**	-
Degradation coefficient			
heating	Cdh	**0.25**	-
Annual electricity consumption			
cooling	Qce	**449**	kWh/a
heating / Average	Qhe	**2803**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**46**	dB(A)
Sound power level(outdoor)	Lwa	**66**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**468**	m3/h
Rated air flow(outdoor)	-	**3360**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative.
	Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

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(7) Model SCM100ZM-S

Information to identify the model(s) to which the information relates to:	
Indoor unit model name	SRK25ZMX-Sx2+SRK50ZMX-S
Outdoor unit model name	SCM100ZM－S

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	Yes
heating	Yes

Average(mandatory)	Yes
Warmer(if designated)	No
Colder(if designated)	No

Item	symbol	value	unit
Design load			
cooling	Pdesignc	10.00	kW
heating / Average	Pdesignh	10.10	kW
heating / Warmer	Pdesignh	-	kW
heating / Colder	Pdesignh	-	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	4.95	B
heating / Average	SCOP/A	3.89	A
heating / Warmer	SCOP/W	-	-
heating / Colder	SCOP/C	-	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	8.62	kW
heating / Warmer (2℃)	Pdh	-	kW
heating / Colder (-22℃)	Pdh	-	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	1.48	kW
heating / Warmer (2℃)	elbu	-	kW
heating / Colder (-22℃)	elbu	-	kW

Declared capacity for cooling, at indoor temperature 27(1℃ and outdoor temperature Tj			
Tj=35℃	Pdc	10.00	kW
Tj=30℃	Pdc	7.65	kW
Tj=25℃	Pdc	8.10	kW
Tj=20℃	Pdc	7.81	kW

Declared energy efficiency ratio, at indoor temperature 27(1℃ and outdoor temperature Tj			
Tj=35℃	EERd	3.51	-
Tj=30℃	EERd	5.45	-
Tj=25℃	EERd	6.98	-
Tj=20℃	EERd	7.55	-

Declared capacity for heating / Average season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	Pdh	8.93	kW
Tj=2℃	Pdh	5.49	kW
Tj=7℃	Pdh	4.61	kW
Tj=12℃	Pdh	5.34	kW
Tj=bivalent temperature	Pdh	8.93	kW
Tj=operating limit	Pdh	8.11	kW

Declared coefficient of performance / Average season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	COPd	2.43	-
Tj=2℃	COPd	3.88	-
Tj=7℃	COPd	5.35	-
Tj=12℃	COPd	6.72	-
Tj=bivalent temperature	COPd	2.43	-
Tj=operating limit	COPd	2.29	-

Declared capacity for heating / Warmer season, at indoor temperature 2℃ and outdoor temperature T			
Tj=2℃	Pdh	-	kW
Tj=7℃	Pdh	-	kW
Tj=12℃	Pdh	-	kW
Tj=bivalent temperature	Pdh	-	kW
Tj=operating limit	Pdh	-	kW

Declared coefficient of performance / Warmer season, at indoor temperature 2℃ and outdoor temperature T			
Tj=2℃	COPd	-	-
Tj=7℃	COPd	-	-
Tj=12℃	COPd	-	-
Tj=bivalent temperature	COPd	-	-
Tj=operating limit	COPd	-	-

Declared capacity for heating / Colder season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	Pdh	-	kW
Tj=2℃	Pdh	-	kW
Tj=7℃	Pdh	-	kW
Tj=12℃	Pdh	-	kW
Tj=bivalent temperature	Pdh	-	kW
Tj=operating limit	Pdh	-	kW
Tj=-15℃	Pdh	-	kW

Declared coefficient of performance / Colder season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	COPd	-	-
Tj=2℃	COPd	-	-
Tj=7℃	COPd	-	-
Tj=12℃	COPd	-	-
Tj=bivalent temperature	COPd	-	-
Tj=operating limit	COPd	-	-
Tj=-15℃	COPd	-	-

Bivalent temperature			
heating / Average	Tbiv	-7	℃
heating / Warmer	Tbiv	-	℃
heating / Colder	Tbiv	-	℃

Operating limit temperature			
heating / Average	Tol	-15	℃
heating / Warmer	Tol	-	℃
heating / Colder	Tol	-	℃

Cycling interval capacity			
for cooling	Pcycc	-	kW
for heating	Pcych	-	kW

Cycling interval efficiency			
for cooling	EERcyc	-	-
for heating	COPcyc	-	-

Degradation coefficient			
cooling	Cdc	0.25	-

Degradation coefficient			
heating	Cdh	0.25	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	39	W
standby mode	Psb	39	W
thermostat-off mode	Pto	48	W
crankcase heater mode	Pck	0	W

Annual electricity consumption			
cooling	Qce	707	kWh/a
heating / Average	Qhe	3633	kWh/a
heating / Warmer	Qhe	-	kWh/a
heating / colder	Qhe	-	kWh/a

Capacity control(indicate one of three options)	
fixed	No
staged	No
variable	Yes

Other items			
Sound power level(indoor)	Lwa	60	dB(A)
Sound power level(outdoor)	Lwa	68	dB(A)
Global warming potential	GWP	1975	kgCO2eq.
Rated air flow(indoor)	-	810	m3/h
Rated air flow(outdoor)	-	4500	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative.
	Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

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Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK25ZMX-S×4**
Outdoor unit model name	**SCM100ZM－S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**10.00**	kW
heating / Average	Pdesignh	**10.10**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**5.01**	B
heating / Average	SCOP/A	**3.95**	A
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**8.62**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	**1.48**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW

Declared capacity for cooling, at indoor temperature 27(1℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**10.00**	kW
Tj=30℃	Pdc	**7.65**	kW
Tj=25℃	Pdc	**8.10**	kW
Tj=20℃	Pdc	**7.81**	kW

Declared energy efficiency ratio, at indoor temperature 27(1℃ and outdoor temperature Tj			
Tj=35℃	EERd	**3.57**	-
Tj=30℃	EERd	**5.55**	-
Tj=25℃	EERd	**7.04**	-
Tj=20℃	EERd	**7.65**	-

Declared capacity for heating / Average season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	Pdh	**8.93**	kW
Tj=2℃	Pdh	**5.49**	kW
Tj=7℃	Pdh	**4.61**	kW
Tj=12℃	Pdh	**5.34**	kW
Tj=bivalent temperature	Pdh	**8.93**	kW
Tj=operating limit	Pdh	**8.11**	kW

Declared coefficient of performance / Average season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	COPd	**2.45**	-
Tj=2℃	COPd	**3.90**	-
Tj=7℃	COPd	**5.55**	-
Tj=12℃	COPd	**6.82**	-
Tj=bivalent temperature	COPd	**2.45**	-
Tj=operating limit	COPd	**2.29**	-

Declared capacity for heating / Warmer season, at indoor temperature 2℃ and outdoor temperature T			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW

Declared coefficient of performance / Warmer season, at indoor temperature 2℃ and outdoor temperature T			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-

Declared capacity for heating / Colder season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	**-**	kW

Declared coefficient of performance / Colder season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	**-**	-

Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃

Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃

Cycling interval capacity			
for cooling	Pcycc	**-**	kW
for heating	Pcych	**-**	kW

Cycling interval efficiency			
for cooling	EERcyc	**-**	-
for heating	COPcyc	**-**	-

Degradation coefficient			
cooling	Cdc	**0.25**	-

Degradation coefficient			
heating	Cdh	**0.25**	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	**39**	W
standby mode	Psb	**39**	W
thermostat-off mode	Pto	**48**	W
crankcase heater mode	Pck	**0**	W

Annual electricity consumption			
cooling	Qce	**699**	kWh/a
heating / Average	Qhe	**3584**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**55**	dB(A)
Sound power level(outdoor)	Lwa	**68**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**750**	m3/h
Rated air flow(outdoor)	-	**4500**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative.
	Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

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Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK20ZMX-S×5**
Outdoor unit model name	**SCM100ZM－S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**10.00**	kW
heating / Average	Pdesignh	**10.10**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW
Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**8.62**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW
Declared capacity for cooling, at indoor temperature 27(1℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**10.00**	kW
Tj=30℃	Pdc	**7.65**	kW
Tj=25℃	Pdc	**8.10**	kW
Tj=20℃	Pdc	**7.81**	kW
Declared capacity for heating / Average season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	Pdh	**8.93**	kW
Tj=2℃	Pdh	**5.49**	kW
Tj=7℃	Pdh	**4.61**	kW
Tj=12℃	Pdh	**5.34**	kW
Tj=bivalent temperature	Pdh	**8.93**	kW
Tj=operating limit	Pdh	**8.11**	kW
Declared capacity for heating / Warmer season, at indoor temperature 2℃ and outdoor temperature T			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Declared capacity for heating / Colder season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	**-**	kW
Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃
Cycling interval capacity			
for cooling	Pcycc	**-**	kW
for heating	Pcych	**-**	kW
Degradation coefficient			
cooling	Cdc	**0.25**	-
Electric power input in power modes other than 'active mode'			
off mode	Poff	**39**	W
standby mode	Psb	**39**	W
thermostat-off mode	Pto	**48**	W
crankcase heater mode	Pck	**0**	W

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**5.10**	A
heating / Average	SCOP/A	**4.02**	A+
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-
			unit
Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	elbu	**1.48**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW
Declared energy efficiency ratio, at indoor temperature 27(1℃ and outdoor temperature Tj			
Tj=35℃	EERd	**3.57**	-
Tj=30℃	EERd	**5.76**	-
Tj=25℃	EERd	**7.14**	-
Tj=20℃	EERd	**7.82**	-
Declared coefficient of performance / Average season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	COPd	**2.52**	-
Tj=2℃	COPd	**3.97**	-
Tj=7℃	COPd	**5.64**	-
Tj=12℃	COPd	**6.89**	-
Tj=bivalent temperature	COPd	**2.52**	-
Tj=operating limit	COPd	**2.29**	-
Declared coefficient of performance / Warmer season, at indoor temperature 2℃ and outdoor temperature T			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Declared coefficient of performance / Colder season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	**-**	-
Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃
Cycling interval efficiency			
for cooling	EERcyc	**-**	-
for heating	COPcyc	**-**	-
Degradation coefficient			
heating	Cdh	**0.25**	-
Annual electricity consumption			
cooling	Qce	**687**	kWh/a
heating / Average	Qhe	**3519**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**53**	dB(A)
Sound power level(outdoor)	Lwa	**68**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**690**	m3/h
Rated air flow(outdoor)	-	**4500**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative.
	Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

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Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK71ZM-S x 2**
Outdoor unit model name	**SCM100ZM－S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**10.00**	kW
heating / Average	Pdesignh	**10.10**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**4.88**	B
heating / Average	SCOP/A	**3.83**	A
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**8.62**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	**1.48**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW

Declared capacity for cooling, at indoor temperature 27(1℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**10.00**	kW
Tj=30℃	Pdc	**7.65**	kW
Tj=25℃	Pdc	**8.10**	kW
Tj=20℃	Pdc	**7.81**	kW

Declared energy efficiency ratio, at indoor temperature 27(1℃ and outdoor temperature Tj			
Tj=35℃	EERd	**3.50**	-
Tj=30℃	EERd	**5.40**	-
Tj=25℃	EERd	**6.78**	-
Tj=20℃	EERd	**7.45**	-

Declared capacity for heating / Average season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	Pdh	**8.93**	kW
Tj=2℃	Pdh	**5.49**	kW
Tj=7℃	Pdh	**4.61**	kW
Tj=12℃	Pdh	**5.34**	kW
Tj=bivalent temperature	Pdh	**8.93**	kW
Tj=operating limit	Pdh	**8.11**	kW

Declared coefficient of performance / Average season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	COPd	**2.40**	-
Tj=2℃	COPd	**3.80**	-
Tj=7℃	COPd	**5.30**	-
Tj=12℃	COPd	**6.70**	-
Tj=bivalent temperature	COPd	**2.40**	-
Tj=operating limit	COPd	**2.20**	-

Declared capacity for heating / Warmer season, at indoor temperature 2℃ and outdoor temperature T			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW

Declared coefficient of performance / Warmer season, at indoor temperature 2℃ and outdoor temperature T			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-

Declared capacity for heating / Colder season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	**-**	kW

Declared coefficient of performance / Colder season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	**-**	-

Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃

Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃

Cycling interval capacity			
for cooling	Pcycc	**-**	kW
for heating	Pcych	**-**	kW

Cycling interval efficiency			
for cooling	EERcyc	**-**	-
for heating	COPcyc	**-**	-

Degradation coefficient			
cooling	Cdc	**0.25**	-

Degradation coefficient			
heating	Cdh	**0.25**	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	**39**	W
standby mode	Psb	**39**	W
thermostat-off mode	Pto	**48**	W
crankcase heater mode	Pck	**0**	W

Annual electricity consumption			
cooling	Qce	**718**	kWh/a
heating / Average	Qhe	**3689**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**60**	dB(A)
Sound power level(outdoor)	Lwa	**68**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**1170**	m3/h
Rated air flow(outdoor)	-	**4500**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative.
	Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

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Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK25ZMX-Sx2+FDEN50VF**
Outdoor unit model name	**SCM100ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**10.00**	kW
heating / Average	Pdesignh	**10.20**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**4.85**	B
heating / Average	SCOP/A	**3.83**	A
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**8.92**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	**1.28**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW

Declared capacity for cooling, at indoor temperature 27(1f℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**10.00**	kW
Tj=30℃	Pdc	**7.37**	kW
Tj=25℃	Pdc	**6.86**	kW
Tj=20℃	Pdc	**6.80**	kW

Declared energy efficiency ratio, at indoor temperature 27(1℃ and outdoor temperature Tj			
Tj=35℃	EERd	**3.10**	-
Tj=30℃	EERd	**4.91**	-
Tj=25℃	EERd	**7.14**	-
Tj=20℃	EERd	**8.08**	-

Declared capacity for heating / Average season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	Pdh	**9.02**	kW
Tj=2℃	Pdh	**5.49**	kW
Tj=7℃	Pdh	**4.61**	kW
Tj=12℃	Pdh	**5.44**	kW
Tj=bivalent temperature	Pdh	**9.02**	kW
Tj=operating limit	Pdh	**8.75**	kW

Declared coefficient of performance / Average season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	COPd	**2.35**	-
Tj=2℃	COPd	**3.97**	-
Tj=7℃	COPd	**5.19**	-
Tj=12℃	COPd	**5.39**	-
Tj=bivalent temperature	COPd	**2.35**	-
Tj=operating limit	COPd	**2.62**	-

Declared capacity for heating / Warmer season, at indoor temperature 2℃ and outdoor temperature T			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW

Declared coefficient of performance / Warmer season, at indoor temperature 2℃ and outdoor temperature T			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-

Declared capacity for heating / Colder season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	**-**	kW

Declared coefficient of performance / Colder season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	**-**	-

Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃

Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃

Cycling interval capacity			
for cooling	Pcycc	**-**	kW
for heating	Pcych	**-**	kW

Cycling interval efficiency			
for cooling	EERcyc	**-**	-
for heating	COPcyc	**-**	-

Degradation coefficient			
cooling	Cdc	**0.25**	-

Degradation coefficient			
heating	Cdh	**0.25**	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	**45**	W
standby mode	Psb	**45**	W
thermostat-off mode	Pto	**55**	W
crankcase heater mode	Pck	**0**	W

Annual electricity consumption			
cooling	Qce	**723**	kWh/a
heating / Average	Qhe	**3730**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**60**	dB(A)
Sound power level(outdoor)	Lwa	**68**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**780**	m3/h
Rated air flow(outdoor)	-	**4500**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative.
	Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

RWC000Z284

Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK25ZM-S×4**
Outdoor unit model name	**SCM100ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**10.00**	kW
heating / Average	Pdesignh	**10.20**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW
Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**8.92**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW
Declared capacity for cooling, at indoor temperature 27(1℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**10.00**	kW
Tj=30℃	Pdc	**7.37**	kW
Tj=25℃	Pdc	**6.86**	kW
Tj=20℃	Pdc	**6.80**	kW
Declared capacity for heating / Average season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	Pdh	**9.02**	kW
Tj=2℃	Pdh	**5.49**	kW
Tj=7℃	Pdh	**4.61**	kW
Tj=12℃	Pdh	**5.44**	kW
Tj=bivalent temperature	Pdh	**9.02**	kW
Tj=operating limit	Pdh	**8.75**	kW
Declared capacity for heating / Warmer season, at indoor temperature 2℃ and outdoor temperature T			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Declared capacity for heating / Colder season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	**-**	kW
Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃
Cycling interval capacity			
for cooling	Pcycc	**-**	kW
for heating	Pcych	**-**	kW
Degradation coefficient			
cooling	Cdc	**0.25**	-
Electric power input in power modes other than 'active mode'			
off mode	Poff	**45**	W
standby mode	Psb	**45**	W
thermostat-off mode	Pto	**55**	W
crankcase heater mode	Pck	**0**	W
Capacity control(indicate one of three options)			
fixed		**No**	
staged		**No**	
variable		**Yes**	

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**4.85**	B
heating / Average	SCOP/A	**3.83**	A
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-
			unit
Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	elbu	**1.28**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW
Declared energy efficiency ratio, at indoor temperature 27(1℃ and outdoor temperature Tj			
Tj=35℃	EERd	**3.10**	-
Tj=30℃	EERd	**4.91**	-
Tj=25℃	EERd	**7.14**	-
Tj=20℃	EERd	**8.08**	-
Declared coefficient of performance / Average season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	COPd	**2.35**	-
Tj=2℃	COPd	**3.97**	-
Tj=7℃	COPd	**5.19**	-
Tj=12℃	COPd	**5.39**	-
Tj=bivalent temperature	COPd	**2.35**	-
Tj=operating limit	COPd	**2.62**	-
Declared coefficient of performance / Warmer season, at indoor temperature 2℃ and outdoor temperature T			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Declared coefficient of performance / Colder season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	**-**	-
Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃
Cycling interval efficiency			
for cooling	EERcyc	**-**	-
for heating	COPcyc	**-**	-
Degradation coefficient			
heating	Cdh	**0.25**	-
Annual electricity consumption			
cooling	Qce	**723**	kWh/a
heating / Average	Qhe	**3730**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a
Other items			
Sound power level(indoor)	Lwa	**50**	dB(A)
Sound power level(outdoor)	Lwa	**68**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**474**	m3/h
Rated air flow(outdoor)	-	**4500**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative. Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

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Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**SRK20ZM-S×5**
Outdoor unit model name	**SCM100ZM-S**

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**10.00**	kW
heating / Average	Pdesignh	**10.20**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**4.85**	B
heating / Average	SCOP/A	**3.83**	A
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (-10℃)	Pdh	**8.92**	kW
heating / Warmer (2℃)	Pdh	**-**	kW
heating / Colder (-22℃)	Pdh	**-**	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (-10℃)	elbu	**1.28**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (-22℃)	elbu	**-**	kW

Declared capacity for cooling, at indoor temperature 27(1℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**10.00**	kW
Tj=30℃	Pdc	**7.37**	kW
Tj=25℃	Pdc	**6.86**	kW
Tj=20℃	Pdc	**6.80**	kW

Declared energy efficiency ratio, at indoor temperature 27(1℃ and outdoor temperature Tj			
Tj=35℃	EERd	**3.10**	-
Tj=30℃	EERd	**4.91**	-
Tj=25℃	EERd	**7.14**	-
Tj=20℃	EERd	**8.08**	-

Declared capacity for heating / Average season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	Pdh	**9.02**	kW
Tj=2℃	Pdh	**5.49**	kW
Tj=7℃	Pdh	**4.61**	kW
Tj=12℃	Pdh	**5.44**	kW
Tj=bivalent temperature	Pdh	**9.02**	kW
Tj=operating limit	Pdh	**8.75**	kW

Declared coefficient of performance / Average season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	COPd	**2.35**	-
Tj=2℃	COPd	**3.97**	-
Tj=7℃	COPd	**5.19**	-
Tj=12℃	COPd	**5.39**	-
Tj=bivalent temperature	COPd	**2.35**	-
Tj=operating limit	COPd	**2.62**	-

Declared capacity for heating / Warmer season, at indoor temperature 2℃ and outdoor temperature T			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW

Declared coefficient of performance / Warmer season, at indoor temperature 2℃ and outdoor temperature T			
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-

Declared capacity for heating / Colder season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=-15℃	Pdh	**-**	kW

Declared coefficient of performance / Colder season, at indoor temperature 2℃ and outdoor temperature T			
Tj=-7℃	COPd	**-**	-
Tj=2℃	COPd	**-**	-
Tj=7℃	COPd	**-**	-
Tj=12℃	COPd	**-**	-
Tj=bivalent temperature	COPd	**-**	-
Tj=operating limit	COPd	**-**	-
Tj=-15℃	COPd	**-**	-

Bivalent temperature			
heating / Average	Tbiv	**-7**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃

Operating limit temperature			
heating / Average	Tol	**-15**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃

Cycling interval capacity			
for cooling	Pcycc	**-**	kW
for heating	Pcych	**-**	kW

Cycling interval efficiency			
for cooling	EERcyc	**-**	-
for heating	COPcyc	**-**	-

Degradation coefficient			
cooling	Cdc	**0.25**	-

Degradation coefficient			
heating	Cdh	**0.25**	-

Electric power input in power modes other than 'active mode'			
off mode	Poff	**45**	W
standby mode	Psb	**45**	W
thermostat-off mode	Pto	**60**	W
crankcase heater mode	Pck	**0**	W

Annual electricity consumption			
cooling	Qce	**723**	kWh/a
heating / Average	Qhe	**3731**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**46**	dB(A)
Sound power level(outdoor)	Lwa	**68**	dB(A)
Global warming potential	GWP	**1975**	kgCO2eq.
Rated air flow(indoor)	-	**468**	m3/h
Rated air flow(outdoor)	-	**4500**	m3/h

Contact details for obtaining more information	Name and address of the manufacturer or of its authorised representative. Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd. 7 Roundwood Avenue, Stockley Park, Uxbridge, Middlesex, UB11 1AX, United Kingdom

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