

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

4way ceiling cassette type

FDTC25VF

35VF

50VF

60VF

Ceiling concealed type

SRR25ZJ-S

35ZJ-S

50ZJ-S

60ZJ-S1

Ceiling suspended type

FDEN50VF

Duct connected Low/Middle static pressure type

FDUM50VF



mitsubishi heavy industries, ltd.

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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	m³/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: ϕ 6.35 (1/4") × 2 Gas line: ϕ 9.52 (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				1.5mm ² 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.

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
	Noise level	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	m³/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: ϕ 6.35 (1/4") x 2 Gas line: ϕ 9.52 (3/8") x 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.

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
	Noise level	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
Air handling equipment	Device control				Microcomputer control
	Fan type & Q'ty				Propeller fan x 1
	Motor			W	34
	Air flow	Cooling	m³/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: 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				1.5mm² 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) × 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.

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
	Noise level	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	m³/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				1.5mm² 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.

Operation	Item	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	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	m³/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: ϕ 6.35 (1/4") × 4 Gas line: ϕ 9.52 (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 : (ϕ 9.52→ ϕ 12.7) × 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.

Operation	Item	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	m³/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: ϕ 6.35 (1/4") x 4 Gas line: ϕ 9.52 (3/8") x 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 : (ϕ 9.52→ ϕ 12.7) x 2, Installation sheet, Elbow, Grommet x 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.

Operation	Item	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	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	m³/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: ϕ 6.35 (1/4") × 5		
				Gas line: ϕ 9.52 (3/8") × 5		
	Connecting method		Flare connecting			
	Insulation for piping		Necessary (Both sides), independent			
	Length for one indoor unit		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.						
Operation \ Item		Indoor air temperature		Outdoor air temperature		Standards
		DB	WB	DB	WB	
Cooling		27°C	19°C	35°C	24°C	
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

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	m³/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: ϕ 6.35 (1/4") × 6 Gas line: ϕ 9.52 (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 x 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.

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.

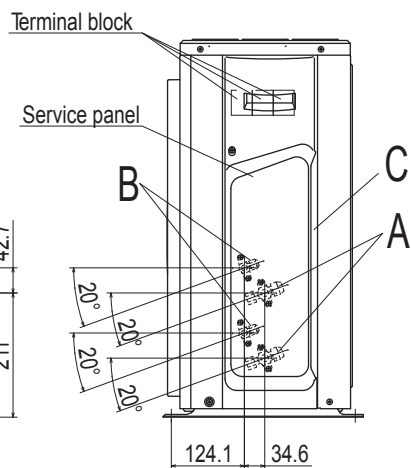
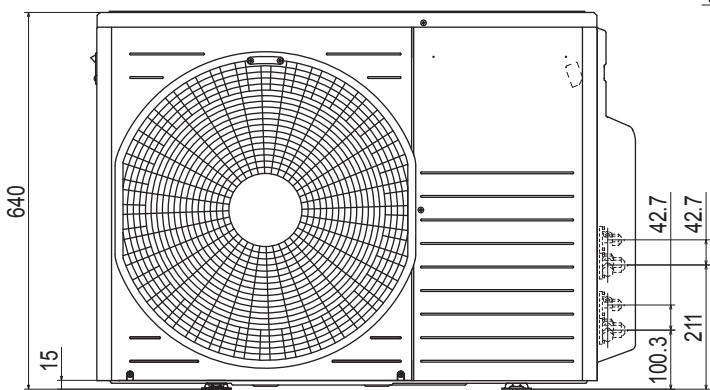
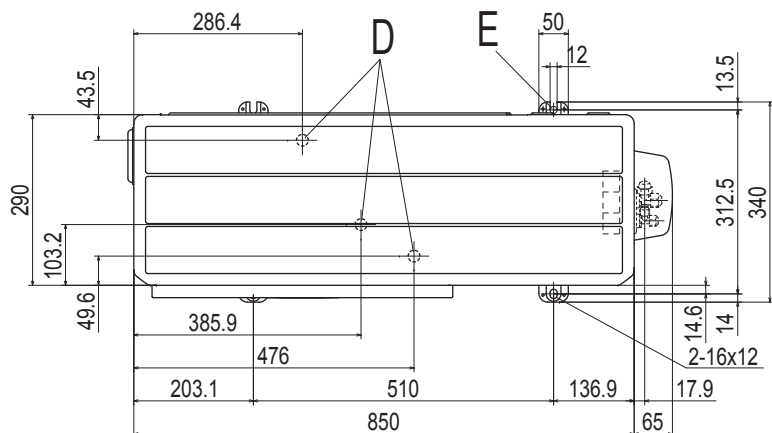
(6) Current value at maximum number of indoor units connected.

RWC000Z284

2. EXTERIOR DIMENSIONS

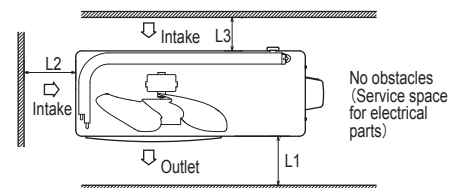
Models SCM40ZM-S, 45ZM-S

Symbol	Content	
A	Service valve connection (gas side)	φ 9.52 (3/8") (Flare)
B	Service valve connection (liquid side)	φ 6.35 (1/4") (Flare)
C	Pipe/cable draw-out hole	
D	Drain discharge hole	φ 20 x 3 places
E	Anchor bolt hole	M10 x 4 places



Note

- (1) It must not be surrounded by walls on four sides.
- (2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
- (3) Where the unit is subjected to strong winds, lay it in such a direction that the blower outlet faces perpendicularly to the dominant wind direction.
- (4) Leave 1.2m or more space above the unit.
- (5) A wall in front of the blower outlet must not exceed the unit's height.
- (6) The model name label is attached on the service panel.



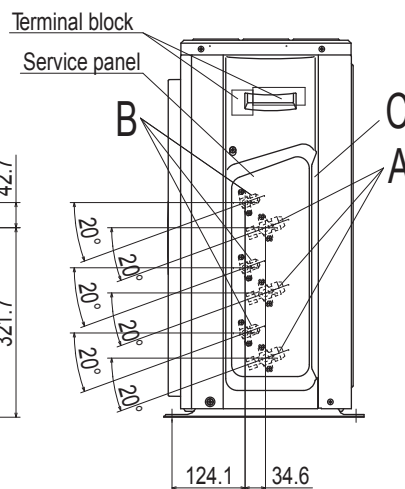
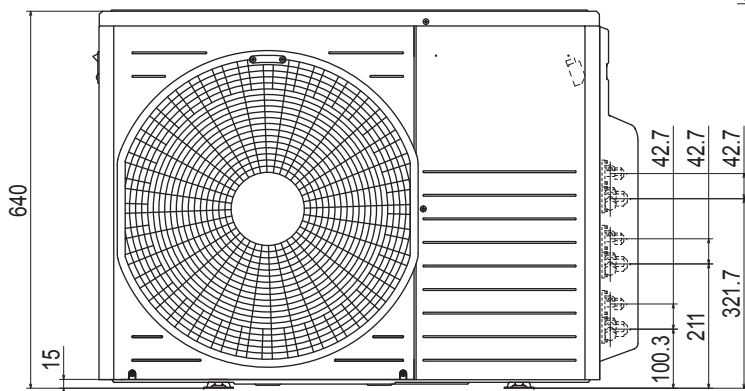
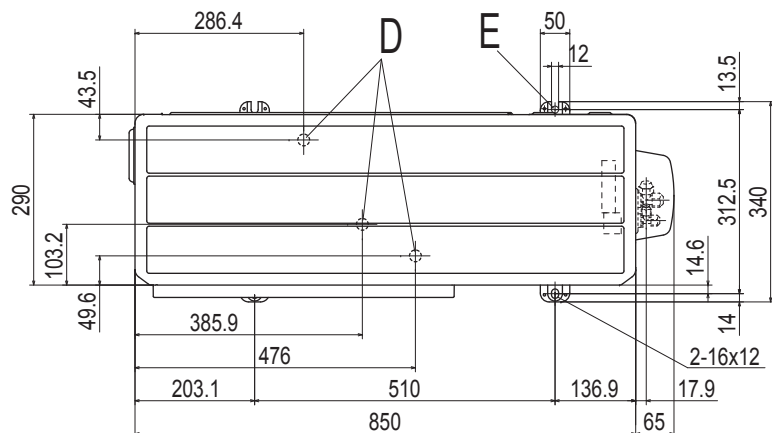
Minimum installation space

Examples of Installation	
Dimensions	
L1	600
L2	100
L3	100

Unit:mm

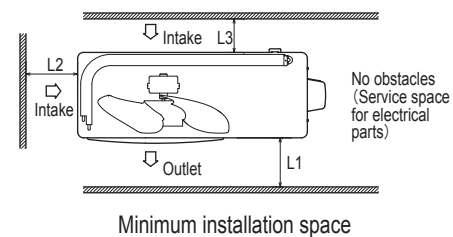
RWC000Z281

Symbol	Content
A	Service valve connection (gas side) $\phi 9.52 (3/8")$ (Flare)
B	Service valve connection (liquid side) $\phi 6.35 (1/4")$ (Flare)
C	Pipe/cable draw-out hole
D	Drain discharge hole $\phi 20 \times 3$ places
E	Anchor bolt hole M10 x 4 places



Note

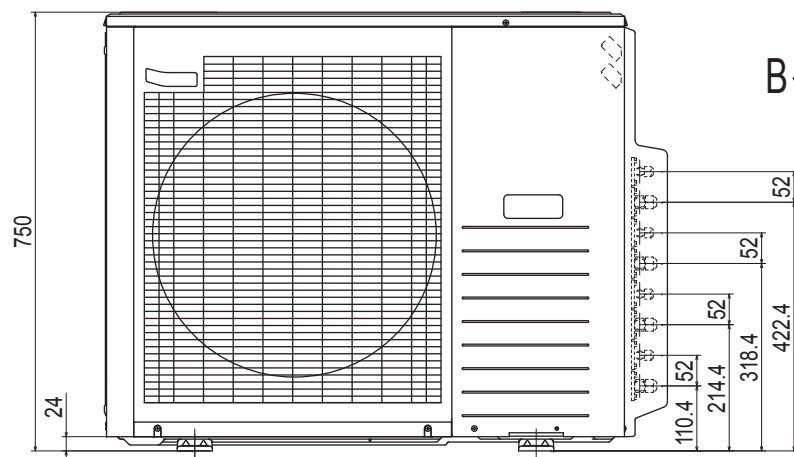
- (1) It must not be surrounded by walls on four sides.
- (2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
- (3) Where the unit is subjected to strong winds, lay it in such a direction that the blower outlet faces perpendicularly to the dominant wind direction.
- (4) Leave 1.2m or more space above the unit.
- (5) A wall in front of the blower outlet must not exceed the unit's height.
- (6) The model name label is attached on the service panel.



Examples of Installation	
Dimensions	
L1	600
L2	100
L3	100

Unit:mm

Models SCM50ZM-S, 60ZM-S

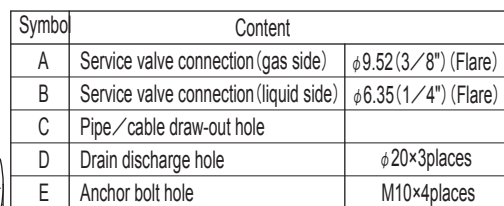
RWC000Z277

-
- No obstacles (Service space for electrical parts)

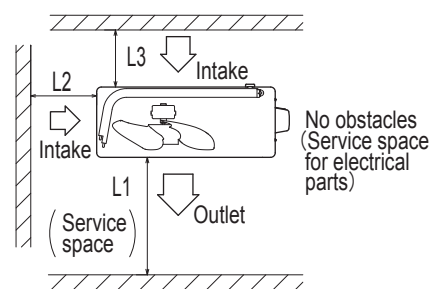
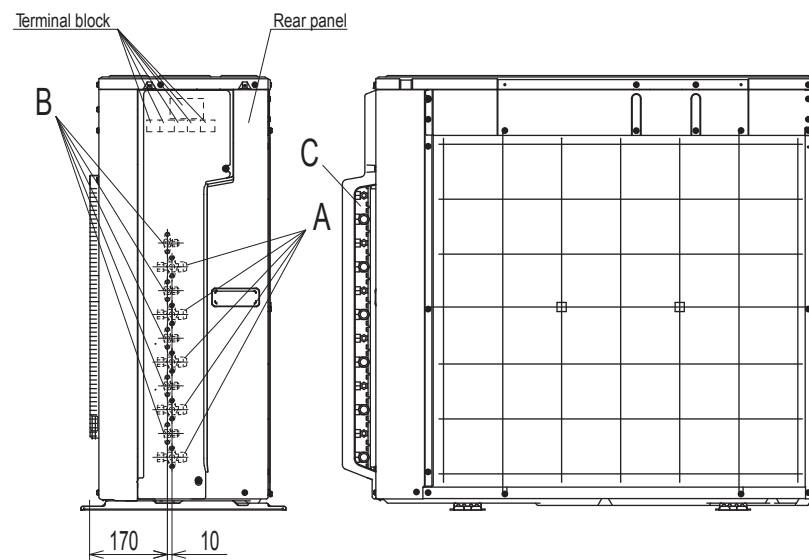
Minimum installation space

Examples of Installation	
Dimensions	
L1	600
L2	100
L3	100

Unit:mm



- (1) It must not be surrounded by walls on the four sides.
- (2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
- (3) Where the unit is subject to strong winds, lay it in such a direction that the blower outlet faces perpendicularly to the dominant wind direction.
- (4) Leave 1m or more space above the unit.
- (5) A wall in front of the blower outlet must not exceed the units height.
- (6) The model name label is attached on the rear panel.

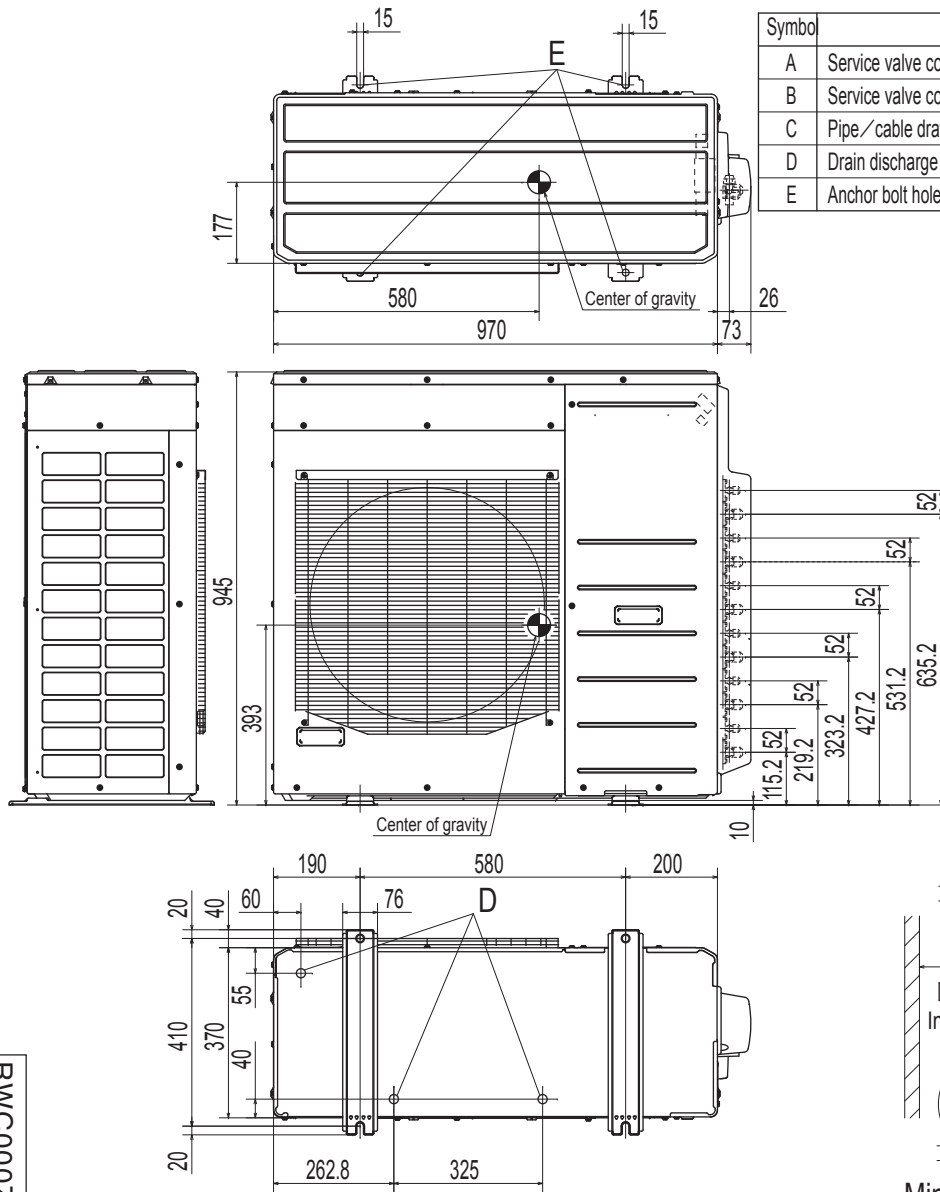


Minimum installation space

Examples of Installation Dimensions	I	II	III
L1	Open	Open	500
L2	300	5	Open
L3	150	300	150

Unit:mm

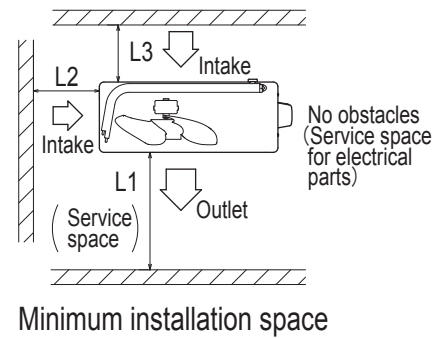
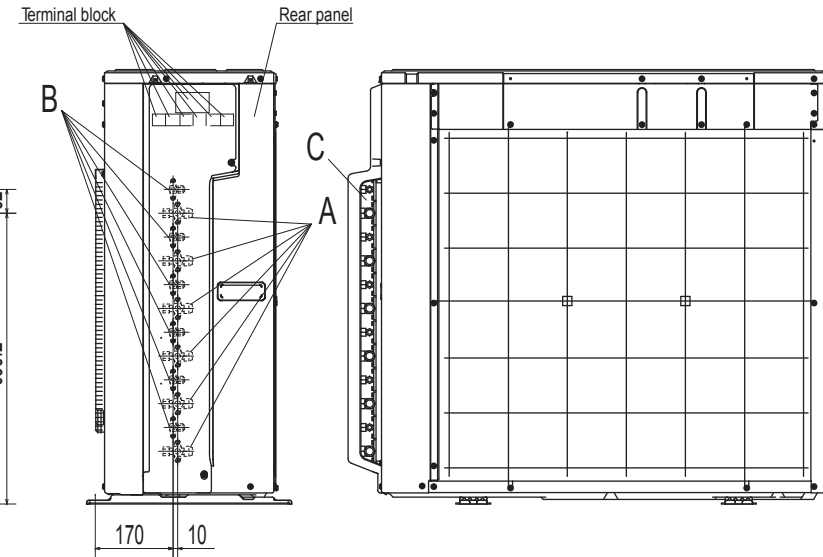
RWC0002279



Symbol	Content
A	Service valve connection (gas side) $\phi 9.52 (3/8")$ (Flare)
B	Service valve connection (liquid side) $\phi 6.35 (1/4")$ (Flare)
C	Pipe/cable draw-out hole
D	Drain discharge hole $\phi 20 \times 3$ places
E	Anchor bolt hole M10 $\times 4$ places

Notes

- (1) It must not be surrounded by walls on the four sides.
- (2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
- (3) Where the unit is subject to strong winds, lay it in such a direction that the blower outlet faces perpendicularly to the dominant wind direction.
- (4) Leave 1m or more space above the unit.
- (5) A wall in front of the blower outlet must not exceed the units height.
- (6) The model name label is attached on the rear panel.



Examples of installation Dimensions	I	II	III
L1	Open	Open	500
L2	300	5	Open
L3	150	300	150

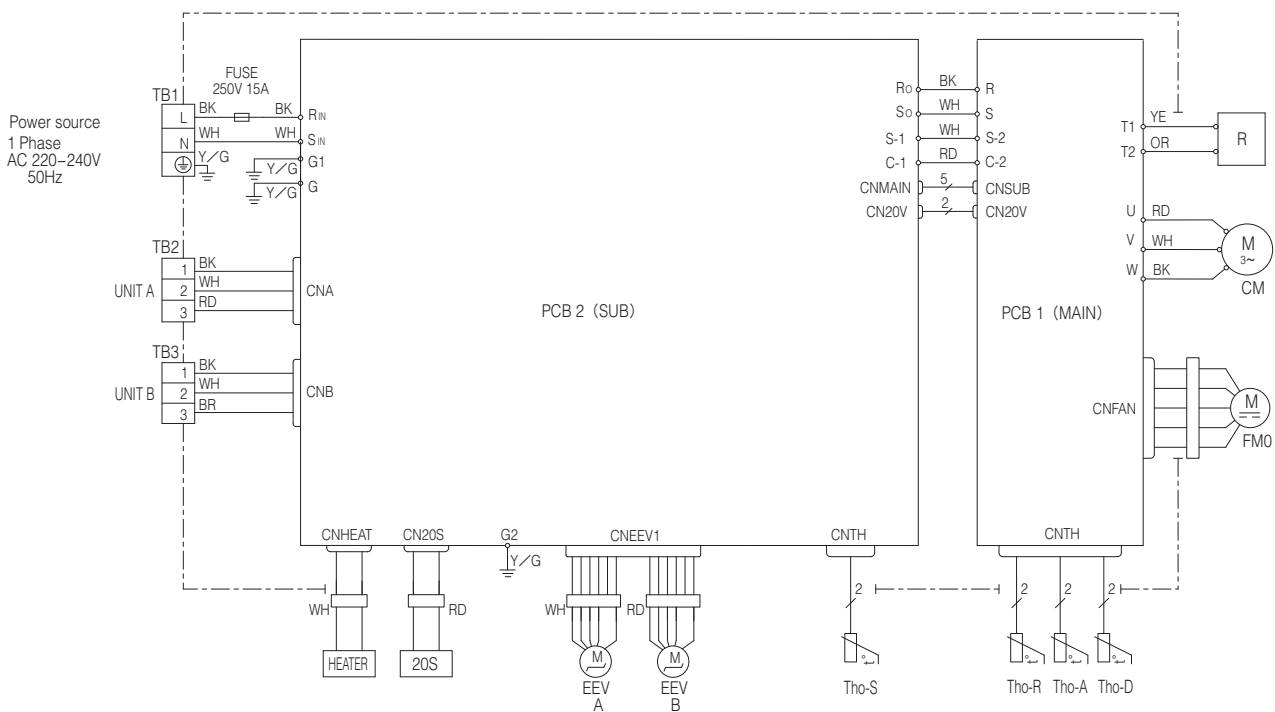
Unit:mm

Model SCM125ZM-S

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.		

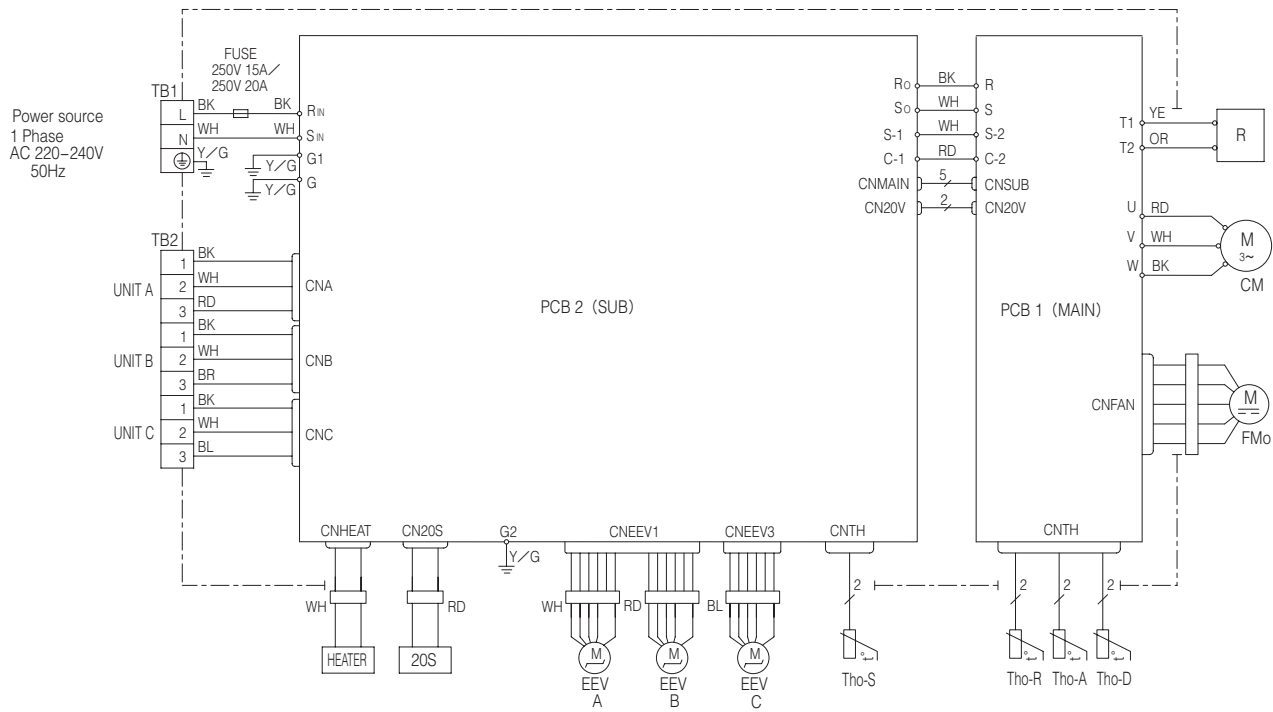


Color Marks

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

Meaning of Marks

Item	Description	Item	Description
CNA-CN20S	Connector	R	Reactor
20S	4 Way valve (coil)	TB1-TB3	Terminal block
CM	Compressor motor	Tho-R	Heat exchanger sensor (outdoor unit)
EEV A, EEV B	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



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.		

Color Marks

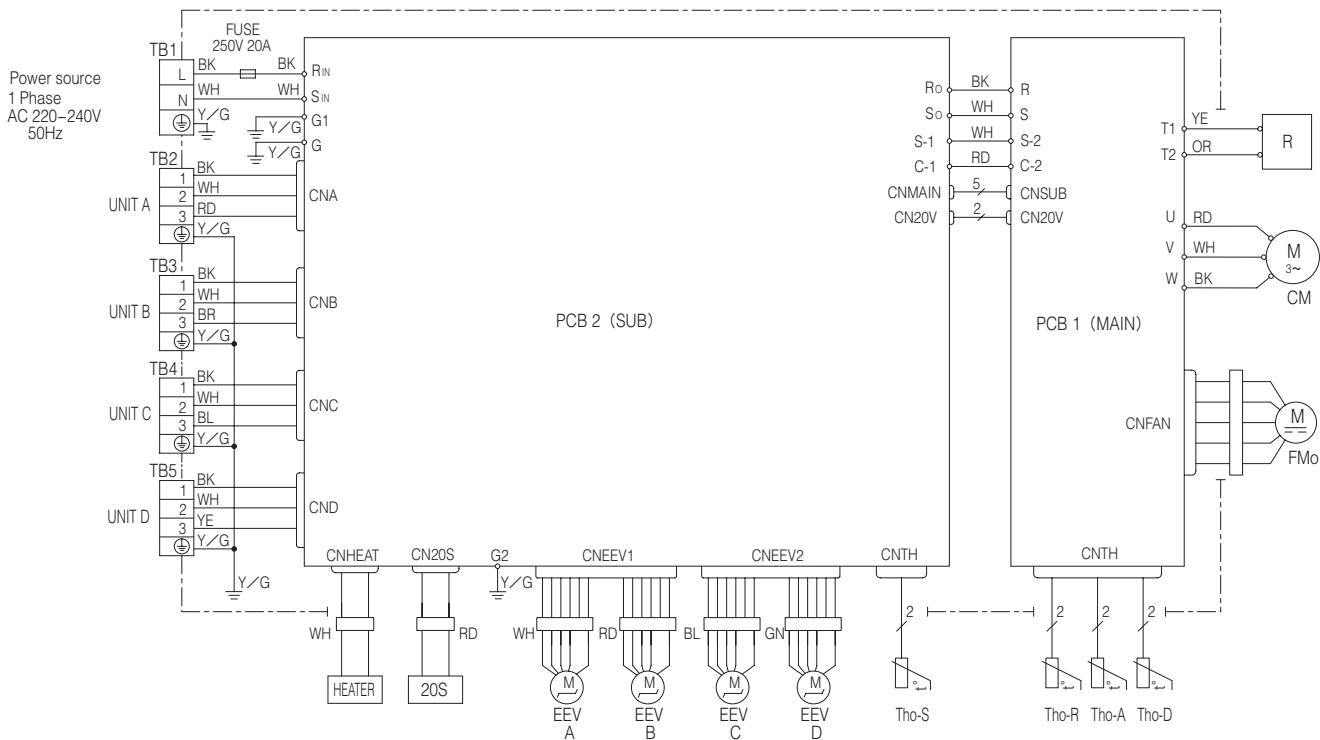
Mark	Color	Mark	Color
BK	Black	BR	Brown
BL	Blue	YE	Yellow
RD	Red	Y/G	Yellow/Green
WH	White		
OR	Orange		

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	Electric expansion valve (coil)	Tho-A	Outdoor air temp. sensor
EEV C		Tho-D	Discharge pipe temp. sensor
FMo	Fan motor	Tho-S	Suction pipe temp. sensor
HEATER	Crank case heater		

RWC000Z252

Models SCM50ZM-S, 60ZM-S



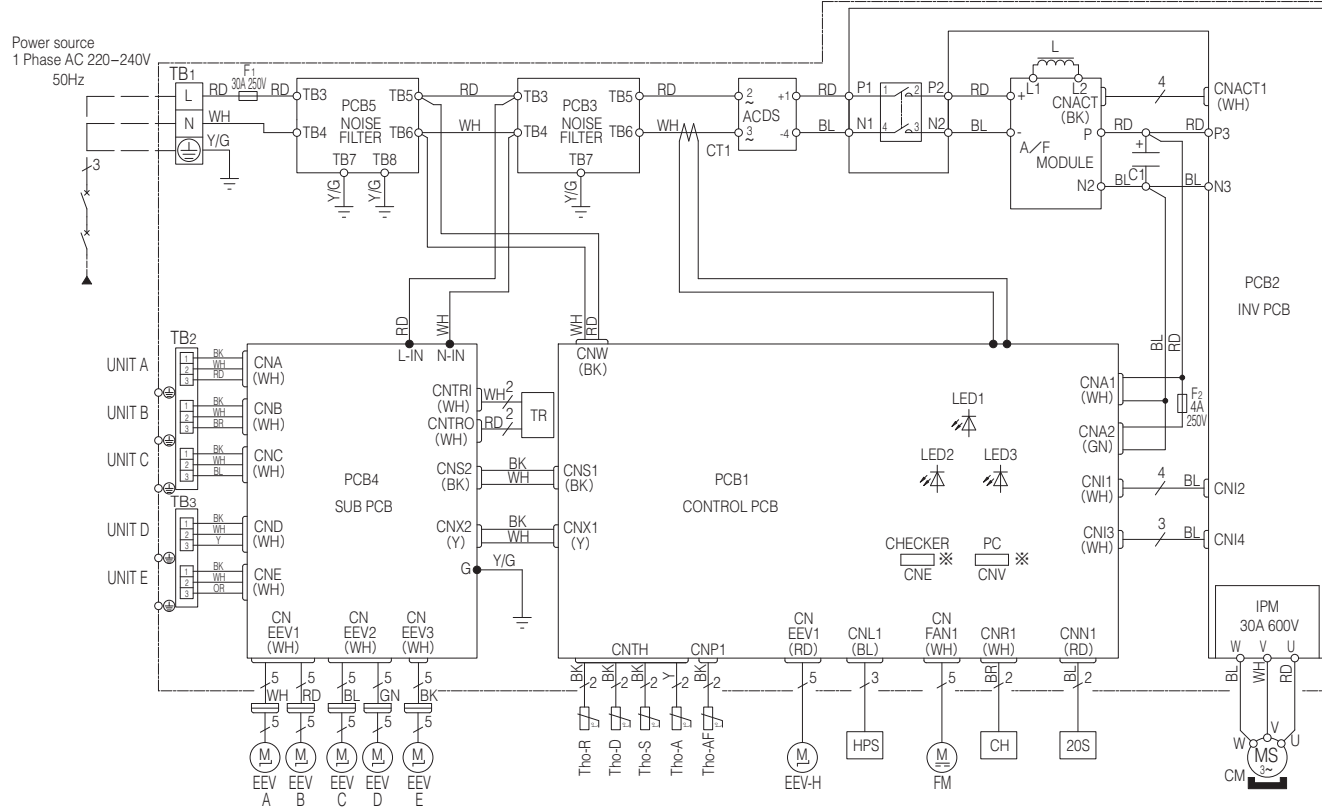
Indication lamp	Color	Function
LED e (1)	Red	Warning lamp
Self diagnosis function by led e		
1-Time flash		Current cut
2-Time flash		Trouble of outdoor unit
3-Time flash		Over current
4-Time flash		Transmission error
5-Time flash		Over heat of compressor
6-Time flash		Error of signal transmission
7-Time 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.		

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		

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	Electric expansion valve (coil)	Tho-A	Outdoor air temp. sensor
EEV C,EEV D		Tho-D	Discharge pipe temp. sensor
FMO	Fan motor	Tho-S	Suction pipe temp. sensor
HEATER	Crank case heater		



1. Instructions for correct operation

- ② Before you turn on power, please carefully read the installation manual and the operation manual supplied with the unit.
- ③ 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. Secondly 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

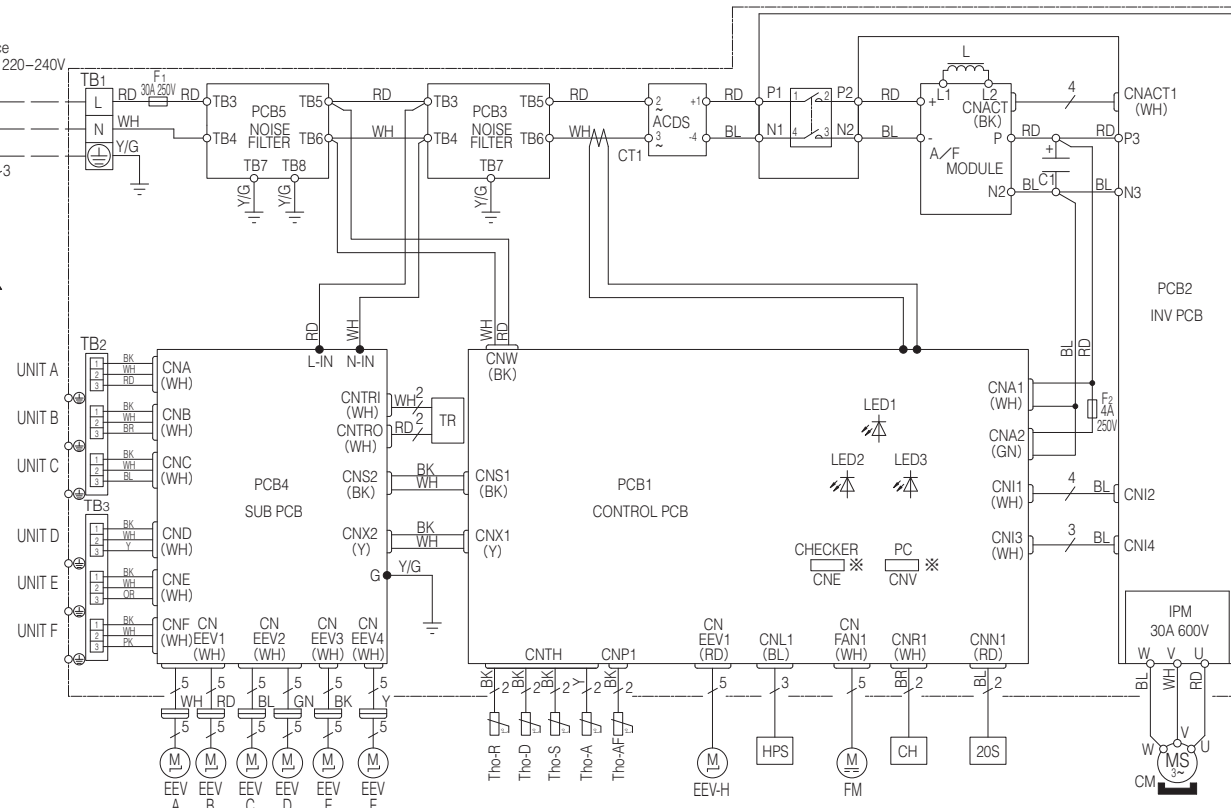
Note(1) ※used only at our factory.

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

Model SCM100ZM-S

Power source
1 Phase AC 220~240V
50Hz



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.

Mark	Name
AF/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 normally 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

Model SCM125ZM-S

4. TECHNICAL INFORMATION

(1) Model SCM40ZM-S

Information to identify the model(s) to which the information relates to:				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'.			
Indoor unit model name		SRK20ZMX-S x 2		Average(mandatory)		Yes	
Outdoor unit model name		SCM40ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)		No	
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	4.00	kW	cooling	SEER	5.92	A+
heating / Average	Pdesignh	5.20	kW	heating / Average	SCOP/A	4.05	A+
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
				unit			
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)		Pdh 4.41 kW		heating / Average (-10°C)		elbu 0.79 kW	
heating / Warmer (2°C)		Pdh - kW		heating / Warmer (2°C)		elbu - kW	
heating / Colder (-22°C)		Pdh - kW		heating / Colder (-22°C)		elbu - kW	
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C		Pdc 4.00 kW		Tj=35°C		EERd 4.76 -	
Tj=30°C		Pdc 3.00 kW		Tj=30°C		EERd 7.20 -	
Tj=25°C		Pdc 3.30 kW		Tj=25°C		EERd 8.90 -	
Tj=20°C		Pdc 3.60 kW		Tj=20°C		EERd 7.40 -	
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C		Pdh 4.60 kW		Tj=-7°C		COPd 2.80 -	
Tj=2°C		Pdh 2.80 kW		Tj=2°C		COPd 3.90 -	
Tj=7°C		Pdh 2.20 kW		Tj=7°C		COPd 5.50 -	
Tj=12°C		Pdh 3.10 kW		Tj=12°C		COPd 6.90 -	
Tj=bivalent temperature		Pdh 4.60 kW		Tj=bivalent temperature		COPd 2.80 -	
Tj=operating limit		Pdh 4.10 kW		Tj=operating limit		COPd 2.50 -	
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C		Pdh - kW		Tj=2°C		COPd - -	
Tj=7°C		Pdh - kW		Tj=7°C		COPd - -	
Tj=12°C		Pdh - kW		Tj=12°C		COPd - -	
Tj=bivalent temperature		Pdh - kW		Tj=bivalent temperature		COPd - -	
Tj=operating limit		Pdh - kW		Tj=operating limit		COPd - -	
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C		Pdh - kW		Tj=-7°C		COPd - -	
Tj=2°C		Pdh - kW		Tj=2°C		COPd - -	
Tj=7°C		Pdh - kW		Tj=7°C		COPd - -	
Tj=12°C		Pdh - kW		Tj=12°C		COPd - -	
Tj=bivalent temperature		Pdh - kW		Tj=bivalent temperature		COPd - -	
Tj=operating limit		Pdh - kW		Tj=operating limit		COPd - -	
Tj=-15°C		Pdh - kW		Tj=-15°C		COPd - -	
Bivalent temperature				Operating limit temperature			
heating / Average		Tbiv -7 °C		heating / Average		Tol -15 °C	
heating / Warmer		Tbiv - °C		heating / Warmer		Tol - °C	
heating / Colder		Tbiv - °C		heating / Colder		Tol - °C	
Cycling interval capacity				Cycling interval efficiency			
for cooling		Pcycc - kW		for cooling		EERcyc - -	
for heating		Pcyh - kW		for heating		COPcyc - -	
Degradation coefficient				Degradation coefficient			
cooling		Cdc 0.25 -		heating		Cdh 0.25 -	
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode		Poff 13 W		cooling		Qce 237 kWh/a	
standby mode		Psb 13 W		heating / Average		Qhe 1798 kWh/a	
thermostat-off mode		Pto 25 W		heating / Warmer		Qhe - kWh/a	
crankcase heater mode		Pck 0 W		heating / colder		Qhe - kWh/a	
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)		Lwa 53 dB(A)	
staged		No		Sound power level(outdoor)		Lwa 60 dB(A)	
variable		Yes		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					
		A RWC000Z284					

Information to identify the model(s) to which the information relates to:				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'.			
Indoor unit model name		SRK20ZM-S x 2		Average(mandatory)		Yes	
Outdoor unit model name		SCM40ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)		No	
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	4.00	kW	cooling	SEER	5.72	A+
heating / Average	Pdesignh	5.20	kW	heating / Average	SCOP/A	3.84	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
				unit			
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)		Pdh 4.41 kW		heating / Average (-10°C)		elbu 0.79 kW	
heating / Warmer (2°C)		Pdh - kW		heating / Warmer (2°C)		elbu - kW	
heating / Colder (-22°C)		Pdh - kW		heating / Colder (-22°C)		elbu - kW	
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C		Pdc 4.00 kW		Tj=35°C		EERd 4.54 -	
Tj=30°C		Pdc 3.00 kW		Tj=30°C		EERd 6.90 -	
Tj=25°C		Pdc 3.30 kW		Tj=25°C		EERd 8.50 -	
Tj=20°C		Pdc 3.60 kW		Tj=20°C		EERd 7.20 -	
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C		Pdh 4.60 kW		Tj=-7°C		COPd 2.60 -	
Tj=2°C		Pdh 2.80 kW		Tj=2°C		COPd 3.60 -	
Tj=7°C		Pdh 2.20 kW		Tj=7°C		COPd 5.50 -	
Tj=12°C		Pdh 3.10 kW		Tj=12°C		COPd 6.90 -	
Tj=bivalent temperature		Pdh 4.60 kW		Tj=bivalent temperature		COPd 2.60 -	
Tj=operating limit		Pdh 4.10 kW		Tj=operating limit		COPd 2.40 -	
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C		Pdh - kW		Tj=2°C		COPd - -	
Tj=7°C		Pdh - kW		Tj=7°C		COPd - -	
Tj=12°C		Pdh - kW		Tj=12°C		COPd - -	
Tj=bivalent temperature		Pdh - kW		Tj=bivalent temperature		COPd - -	
Tj=operating limit		Pdh - kW		Tj=operating limit		COPd - -	
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C		Pdh - kW		Tj=-7°C		COPd - -	
Tj=2°C		Pdh - kW		Tj=2°C		COPd - -	
Tj=7°C		Pdh - kW		Tj=7°C		COPd - -	
Tj=12°C		Pdh - kW		Tj=12°C		COPd - -	
Tj=bivalent temperature		Pdh - kW		Tj=bivalent temperature		COPd - -	
Tj=operating limit		Pdh - kW		Tj=operating limit		COPd - -	
Tj=-15°C		Pdh - kW		Tj=-15°C		COPd - -	
Bivalent temperature				Operating limit temperature			
heating / Average		Tbiv -7 °C		heating / Average		Tol -15 °C	
heating / Warmer		Tbiv - °C		heating / Warmer		Tol - °C	
heating / Colder		Tbiv - °C		heating / Colder		Tol - °C	
Cycling interval capacity				Cycling interval efficiency			
for cooling		Pcycc - kW		for cooling		EERcyc - -	
for heating		Pcyh - kW		for heating		COPcyc - -	
Degradation coefficient				Degradation coefficient			
cooling		Cdc 0.25 -		heating		Cdh 0.25 -	
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode		Poff 13 W		cooling		Qce 245 kWh/a	
standby mode		Psb 13 W		heating / Average		Qhe 1897 kWh/a	
thermostat-off mode		Pto 25 W		heating / Warmer		Qhe - kWh/a	
crankcase heater mode		Pck 0 W		heating / colder		Qhe - kWh/a	
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)		Lwa 49 dB(A)	
staged		No		Sound power level(outdoor)		Lwa 60 dB(A)	
variable		Yes		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					
		A RWC000Z284					

(2) Model SCM45ZM-S

Information to identify the model(s) to which the information relates to:				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'.			
Indoor unit model name		SRK20ZMX-S + SRK25ZMX-S		Average(mandatory)		Yes	
Outdoor unit model name		SCM45ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)			
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	4.50	kW	cooling	SEER	5.98	A+
heating / Average	Pdesignh	5.80	kW	heating / Average	SCOP/A	4.03	A+
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	4.95	kW	heating / Average (-10°C)	elbu	0.85	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	4.50	kW	Tj=35°C	EERd	4.33	-
Tj=30°C	Pdc	3.30	kW	Tj=30°C	EERd	7.00	-
Tj=25°C	Pdc	3.30	kW	Tj=25°C	EERd	8.90	-
Tj=20°C	Pdc	3.60	kW	Tj=20°C	EERd	7.40	-
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	5.10	kW	Tj=-7°C	COPd	2.40	-
Tj=2°C	Pdh	3.10	kW	Tj=2°C	COPd	4.00	-
Tj=7°C	Pdh	2.20	kW	Tj=7°C	COPd	5.50	-
Tj=12°C	Pdh	3.10	kW	Tj=12°C	COPd	6.90	-
Tj=bivalent temperature	Pdh	5.10	kW	Tj=bivalent temperature	COPd	2.40	-
Tj=operating limit	Pdh	4.70	kW	Tj=operating limit	COPd	2.10	-
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling	EERcyc	-	-
for heating	Pcyhc	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	13	W	cooling	Qce	264	kWh/a
standby mode	Psb	13	W	heating / Average	Qhe	2014	kWh/a
thermostat-off mode	Pto	25	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	55	dB(A)
staged		No		Sound power level(outdoor)	Lwa	60	dB(A)
variable		Yes		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:				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'.			
Indoor unit model name		SRK20ZM-S+SRK25ZM-S		Average(mandatory)		Yes	
Outdoor unit model name		SCM45ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)			
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	4.50	kW	cooling	SEER	5.80	A+
heating / Average	Pdesignh	5.80	kW	heating / Average	SCOP/A	3.82	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	4.95	kW	heating / Average (-10°C)	elbu	0.85	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	4.50	kW	Tj=35°C	EERd	4.12	-
Tj=30°C	Pdc	3.30	kW	Tj=30°C	EERd	6.85	-
Tj=25°C	Pdc	3.30	kW	Tj=25°C	EERd	8.50	-
Tj=20°C	Pdc	3.60	kW	Tj=20°C	EERd	7.20	-
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	5.10	kW	Tj=-7°C	COPd	2.30	-
Tj=2°C	Pdh	3.10	kW	Tj=2°C	COPd	3.65	-
Tj=7°C	Pdh	2.20	kW	Tj=7°C	COPd	5.50	-
Tj=12°C	Pdh	3.10	kW	Tj=12°C	COPd	6.85	-
Tj=bivalent temperature	Pdh	5.10	kW	Tj=bivalent temperature	COPd	2.30	-
Tj=operating limit	Pdh	4.70	kW	Tj=operating limit	COPd	2.10	-
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling	EERcyc	-	-
for heating	Pcyhc	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	13	W	cooling	Qce	272	kWh/a
standby mode	Psb	13	W	heating / Average	Qhe	2128	kWh/a
thermostat-off mode	Pto	25	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	50	dB(A)
staged		No		Sound power level(outdoor)	Lwa	60	dB(A)
variable		Yes		Global warming potential	GWP	1975	kgCO2eq.
Contact details for obtaining more information				Rated air flow(indoor)			
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				Rated air flow(outdoor)			
				-			

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(3) Model SCM50ZM-S

Information to identify the model(s) to which the information relates to:				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'.			
Indoor unit model name		SRK25ZMX-S*2		Average(mandatory)		Yes	
Outdoor unit model name		SCM50ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)		No	
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	5.00	kW	cooling	SEER	5.61	A+
heating / Average	Pdesignh	5.80	kW	heating / Average	SCOP/A	3.82	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
				unit			
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	4.90	kW	heating / Average (-10°C)	elbu	0.90	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	5.00	kW	Tj=35°C	EERd	3.70	-
Tj=30°C	Pdc	3.70	kW	Tj=30°C	EERd	5.75	-
Tj=25°C	Pdc	3.30	kW	Tj=25°C	EERd	8.15	-
Tj=20°C	Pdc	3.60	kW	Tj=20°C	EERd	7.40	-
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	5.20	kW	Tj=-7°C	COPd	2.50	-
Tj=2°C	Pdh	3.20	kW	Tj=2°C	COPd	3.71	-
Tj=7°C	Pdh	2.10	kW	Tj=7°C	COPd	5.20	-
Tj=12°C	Pdh	2.30	kW	Tj=12°C	COPd	5.90	-
Tj=bivalent temperature	Pdh	5.20	kW	Tj=bivalent temperature	COPd	2.50	-
Tj=operating limit	Pdh	4.40	kW	Tj=operating limit	COPd	1.90	-
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling	EERcyc	-	-
for heating	Pcyhc	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	12	W	cooling	Qce	312	kWh/a
standby mode	Psb	12	W	heating / Average	Qhe	2125	kWh/a
thermostat-off mode	Pto	30	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	50	dB(A)
staged		No		Sound power level(outdoor)	Lwa	62	dB(A)
variable		Yes		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					

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Information to identify the model(s) to which the information relates to:				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'.			
Indoor unit model name		SRK20ZMX-S x 3		Average(mandatory)		Yes	
Outdoor unit model name		SCM50ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)			
cooling		Yes					
heating		Yes				No	
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	5.00	kW	cooling	SEER	6.62	A++
heating / Average	Pdesignh	5.90	kW	heating / Average	SCOP/A	3.95	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	4.90	kW	heating / Average (-10°C)	elbu	1.00	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	5.00	kW	Tj=35°C	EERd	4.63	-
Tj=30°C	Pdc	3.70	kW	Tj=30°C	EERd	7.10	-
Tj=25°C	Pdc	3.60	kW	Tj=25°C	EERd	9.90	-
Tj=20°C	Pdc	3.90	kW	Tj=20°C	EERd	9.00	-
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	5.20	kW	Tj=-7°C	COPd	2.60	-
Tj=2°C	Pdh	3.20	kW	Tj=2°C	COPd	3.90	-
Tj=7°C	Pdh	2.00	kW	Tj=7°C	COPd	5.10	-
Tj=12°C	Pdh	2.30	kW	Tj=12°C	COPd	6.30	-
Tj=bivalent temperature	Pdh	5.20	kW	Tj=bivalent temperature	COPd	2.60	-
Tj=operating limit	Pdh	4.40	kW	Tj=operating limit	COPd	2.20	-
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcyc	-	kW	for cooling	EERcyc	-	-
for heating	Pcyc	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	13	W	cooling	Qce	265	kWh/a
standby mode	Psb	13	W	heating / Average	Qhe	2091	kWh/a
thermostat-off mode	Pto	28	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	53	dB(A)
staged		No		Sound power level(outdoor)	Lwa	62	dB(A)
variable		Yes		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					

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Information to identify the model(s) to which the information relates to:				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'.			
Indoor unit model name		SRK25ZM-Sx2		Average(mandatory)		Yes	
Outdoor unit model name		SCM50ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)			
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	5.00	kW	cooling	SEER	5.60	A+
heating / Average	Pdesignh	6.10	kW	heating / Average	SCOP/A	3.80	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	5.14	kW	heating / Average (-10°C)	elbu	0.96	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	5.00	kW	Tj=35°C	EERd	3.40	-
Tj=30°C	Pdc	3.70	kW	Tj=30°C	EERd	5.70	-
Tj=25°C	Pdc	3.30	kW	Tj=25°C	EERd	8.10	-
Tj=20°C	Pdc	3.60	kW	Tj=20°C	EERd	7.40	-
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	5.40	kW	Tj=-7°C	COPd	2.40	-
Tj=2°C	Pdh	3.30	kW	Tj=2°C	COPd	3.73	-
Tj=7°C	Pdh	2.20	kW	Tj=7°C	COPd	5.20	-
Tj=12°C	Pdh	2.80	kW	Tj=12°C	COPd	5.90	-
Tj=bivalent temperature	Pdh	5.40	kW	Tj=bivalent temperature	COPd	2.40	-
Tj=operating limit	Pdh	4.70	kW	Tj=operating limit	COPd	1.90	-
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling	EERcyc	-	-
for heating	Pcyh	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	11	W	cooling	Qce	313	kWh/a
standby mode	Psb	11	W	heating / Average	Qhe	2247	kWh/a
thermostat-off mode	Pto	25	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	50	dB(A)
staged		No		Sound power level(outdoor)	Lwa	62	dB(A)
variable		Yes		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						

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Information to identify the model(s) to which the information relates to:				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'.			
Indoor unit model name		SRK20ZM-S×3		Average(mandatory)		Yes	
Outdoor unit model name		SCM50ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)			
cooling		Yes					
heating		Yes				No	
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	5.00	kW	cooling	SEER	6.52	A++
heating / Average	Pdesignh	6.30	kW	heating / Average	SCOP/A	3.88	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	5.19	kW	heating / Average (-10°C)	elbu	1.11	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	5.00	kW	Tj=35°C	EERd	4.50	-
Tj=30°C	Pdc	3.70	kW	Tj=30°C	EERd	7.00	-
Tj=25°C	Pdc	3.50	kW	Tj=25°C	EERd	9.60	-
Tj=20°C	Pdc	4.00	kW	Tj=20°C	EERd	8.80	-
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	5.60	kW	Tj=-7°C	COPd	2.40	-
Tj=2°C	Pdh	3.40	kW	Tj=2°C	COPd	3.60	-
Tj=7°C	Pdh	2.20	kW	Tj=7°C	COPd	5.60	-
Tj=12°C	Pdh	2.80	kW	Tj=12°C	COPd	7.10	-
Tj=bivalent temperature	Pdh	5.60	kW	Tj=bivalent temperature	COPd	2.40	-
Tj=operating limit	Pdh	4.50	kW	Tj=operating limit	COPd	2.20	-
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling	EERcyc	-	-
for heating	Pcyh	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	12	W	cooling	Qce	269	kWh/a
standby mode	Psb	12	W	heating / Average	Qhe	2276	kWh/a
thermostat-off mode	Pto	32	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	49	dB(A)
staged		No		Sound power level(outdoor)	Lwa	62	dB(A)
variable		Yes		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						

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Information to identify the model(s) to which the information relates to:				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'.			
Indoor unit model name		SRK20ZMX-S×3		Average(mandatory)		Yes	
Outdoor unit model name		SCM60ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)			
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	6.00	kW	cooling	SEER	6.55	A++
heating / Average	Pdesignh	7.10	kW	heating / Average	SCOP/A	4.01	A+
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	6.37	kW	heating / Average (-10°C)	elbu	0.73	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	6.00	kW	Tj=35°C	EERd	4.08	-
Tj=30°C	Pdc	4.47	kW	Tj=30°C	EERd	6.32	-
Tj=25°C	Pdc	3.27	kW	Tj=25°C	EERd	9.63	-
Tj=20°C	Pdc	4.55	kW	Tj=20°C	EERd	9.19	-
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	6.50	kW	Tj=-7°C	COPd	2.30	-
Tj=2°C	Pdh	4.04	kW	Tj=2°C	COPd	4.14	-
Tj=7°C	Pdh	2.65	kW	Tj=7°C	COPd	5.25	-
Tj=12°C	Pdh	2.93	kW	Tj=12°C	COPd	6.11	-
Tj=bivalent temperature	Pdh	6.50	kW	Tj=bivalent temperature	COPd	2.30	-
Tj=operating limit	Pdh	6.14	kW	Tj=operating limit	COPd	2.56	-
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcyc	-	kW	for cooling	EERcyc	-	-
for heating	Pcyc	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	14	W	cooling	Qce	321	kWh/a
standby mode	Psb	14	W	heating / Average	Qhe	2480	kWh/a
thermostat-off mode	Pto	30	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	53	dB(A)
staged		No		Sound power level(outdoor)	Lwa	63	dB(A)
variable		Yes		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:				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'.			
Indoor unit model name		SRK25ZM-S+SRK35ZM-S		Average(mandatory)		Yes	
Outdoor unit model name		SCM60ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)		No	
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	6.00	kW	cooling	SEER	5.55	A
heating / Average	Pdesignh	7.20	kW	heating / Average	SCOP/A	3.80	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
				unit			
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	6.56	kW	heating / Average (-10°C)	elbu	0.64	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	6.00	kW	Tj=35°C	EERd	3.03	-
Tj=30°C	Pdc	4.42	kW	Tj=30°C	EERd	4.72	-
Tj=25°C	Pdc	3.19	kW	Tj=25°C	EERd	8.62	-
Tj=20°C	Pdc	4.20	kW	Tj=20°C	EERd	7.38	-
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	6.41	kW	Tj=-7°C	COPd	2.37	-
Tj=2°C	Pdh	3.88	kW	Tj=2°C	COPd	3.83	-
Tj=7°C	Pdh	3.24	kW	Tj=7°C	COPd	5.19	-
Tj=12°C	Pdh	3.83	kW	Tj=12°C	COPd	5.95	-
Tj=bivalent temperature	Pdh	6.41	kW	Tj=bivalent temperature	COPd	2.37	-
Tj=operating limit	Pdh	6.82	kW	Tj=operating limit	COPd	2.14	-
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling	EERcyc	-	-
for heating	Pcych	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	12	W	cooling	Qce	379	kWh/a
standby mode	Psb	12	W	heating / Average	Qhe	2656	kWh/a
thermostat-off mode	Pto	35	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	58	dB(A)
staged		No		Sound power level(outdoor)	Lwa	63	dB(A)
variable		Yes		Global warming potential	GWP	1975	kgCO2eq.
				Rated air flow(indoor)	-	606	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:				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'.			
Indoor unit model name		SRK20ZM-S×3		Average(mandatory)		Yes	
Outdoor unit model name		SCM60ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)			
cooling		Yes					
heating		Yes				No	
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	6.00	kW	cooling	SEER	6.21	A++
heating / Average	Pdesignh	7.10	kW	heating / Average	SCOP/A	3.91	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	6.46	kW	heating / Average (-10°C)	elbu	0.64	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	6.00	kW	Tj=35°C	EERd	3.98	-
Tj=30°C	Pdc	4.47	kW	Tj=30°C	EERd	6.10	-
Tj=25°C	Pdc	3.27	kW	Tj=25°C	EERd	9.10	-
Tj=20°C	Pdc	4.55	kW	Tj=20°C	EERd	8.50	-
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	6.65	kW	Tj=-7°C	COPd	2.37	-
Tj=2°C	Pdh	4.04	kW	Tj=2°C	COPd	3.90	-
Tj=7°C	Pdh	2.65	kW	Tj=7°C	COPd	5.25	-
Tj=12°C	Pdh	2.93	kW	Tj=12°C	COPd	6.11	-
Tj=bivalent temperature	Pdh	6.65	kW	Tj=bivalent temperature	COPd	2.37	-
Tj=operating limit	Pdh	6.14	kW	Tj=operating limit	COPd	2.56	-
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling	EERcyc	-	-
for heating	Pcyh	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	14	W	cooling	Qce	338	kWh/a
standby mode	Psb	14	W	heating / Average	Qhe	2544	kWh/a
thermostat-off mode	Pto	40	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	49	dB(A)
staged		No		Sound power level(outdoor)	Lwa	63	dB(A)
variable		Yes		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:				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'.			
Indoor unit model name		SRK35ZMX-Sx2		Average(mandatory)		Yes	
Outdoor unit model name		SCM71ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)		No	
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	7.10	kW	cooling	SEER	5.85	A+
heating / Average	Pdesignh	7.30	kW	heating / Average	SCOP/A	3.81	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
				unit			
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	5.98	kW	heating / Average (-10°C)	elbu	1.32	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	7.10	kW	Tj=35°C	EERd	3.34	-
Tj=30°C	Pdc	5.29	kW	Tj=30°C	EERd	5.25	-
Tj=25°C	Pdc	3.30	kW	Tj=25°C	EERd	7.85	-
Tj=20°C	Pdc	4.31	kW	Tj=20°C	EERd	9.25	-
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	6.62	kW	Tj=-7°C	COPd	2.45	-
Tj=2°C	Pdh	3.95	kW	Tj=2°C	COPd	3.99	-
Tj=7°C	Pdh	2.49	kW	Tj=7°C	COPd	4.57	-
Tj=12°C	Pdh	2.63	kW	Tj=12°C	COPd	5.58	-
Tj=bivalent temperature	Pdh	6.62	kW	Tj=bivalent temperature	COPd	2.45	-
Tj=operating limit	Pdh	4.90	kW	Tj=operating limit	COPd	1.80	-
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling	EERcyc	-	-
for heating	Pcyhc	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	15	W	cooling	Qce	425	kWh/a
standby mode	Psb	15	W	heating / Average	Qhe	2682	kWh/a
thermostat-off mode	Pto	40	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	58	dB(A)
staged		No		Sound power level(outdoor)	Lwa	65	dB(A)
variable		Yes		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			

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Information to identify the model(s) to which the information relates to:				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'.			
Indoor unit model name		SRK20ZMX-S+SRK25ZMX-Sx2		Average(mandatory)		Yes	
Outdoor unit model name		SCM71ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)		No	
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	7.10	kW	cooling	SEER	6.09	A+
heating / Average	Pdesignh	7.30	kW	heating / Average	SCOP/A	3.81	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	5.98	kW	heating / Average (-10°C)	elbu	1.32	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	7.10	kW	Tj=35°C	EERd	3.85	-
Tj=30°C	Pdc	5.29	kW	Tj=30°C	EERd	5.55	-
Tj=25°C	Pdc	3.30	kW	Tj=25°C	EERd	8.05	-
Tj=20°C	Pdc	4.31	kW	Tj=20°C	EERd	9.35	-
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	6.62	kW	Tj=-7°C	COPd	2.45	-
Tj=2°C	Pdh	3.95	kW	Tj=2°C	COPd	3.99	-
Tj=7°C	Pdh	2.49	kW	Tj=7°C	COPd	4.57	-
Tj=12°C	Pdh	2.63	kW	Tj=12°C	COPd	5.58	-
Tj=bivalent temperature	Pdh	6.62	kW	Tj=bivalent temperature	COPd	2.45	-
Tj=operating limit	Pdh	4.90	kW	Tj=operating limit	COPd	1.80	-
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling	EERcyc	-	-
for heating	Pcych	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	15	W	cooling	Qce	409	kWh/a
standby mode	Psb	15	W	heating / Average	Qhe	2682	kWh/a
thermostat-off mode	Pto	40	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	55	dB(A)
staged		No		Sound power level(outdoor)	Lwa	65	dB(A)
variable		Yes		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						

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Information to identify the model(s) to which the information relates to:				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'.			
Indoor unit model name		SRK20ZMX-S × 4		Average(mandatory)		Yes	
Outdoor unit model name		SCM71ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)		No	
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	7.10	kW	cooling	SEER	6.41	A++
heating / Average	Pdesignh	7.30	kW	heating / Average	SCOP/A	3.81	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
				unit			
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	5.98	kW	heating / Average (-10°C)	elbu	1.32	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	7.10	kW	Tj=35°C	EERd	4.14	-
Tj=30°C	Pdc	5.29	kW	Tj=30°C	EERd	5.94	-
Tj=25°C	Pdc	3.30	kW	Tj=25°C	EERd	8.28	-
Tj=20°C	Pdc	4.31	kW	Tj=20°C	EERd	10.19	-
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	6.62	kW	Tj=-7°C	COPd	2.45	-
Tj=2°C	Pdh	3.95	kW	Tj=2°C	COPd	3.99	-
Tj=7°C	Pdh	2.49	kW	Tj=7°C	COPd	4.57	-
Tj=12°C	Pdh	2.63	kW	Tj=12°C	COPd	5.58	-
Tj=bivalent temperature	Pdh	6.62	kW	Tj=bivalent temperature	COPd	2.45	-
Tj=operating limit	Pdh	4.90	kW	Tj=operating limit	COPd	1.80	-
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling	EERcyc	-	-
for heating	Pcyh	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	15	W	cooling	Qce	388	kWh/a
standby mode	Psb	15	W	heating / Average	Qhe	2682	kWh/a
thermostat-off mode	Pto	40	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	53	dB(A)
staged		No		Sound power level(outdoor)	Lwa	65	dB(A)
variable		Yes		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:				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'.			
Indoor unit model name		SRK35ZM-S×2		Average(mandatory)		Yes	
Outdoor unit model name		SCM71ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)		No	
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	7.10	kW	cooling	SEER	5.67	A+
heating / Average	Pdesignh	7.40	kW	heating / Average	SCOP/A	3.80	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	6.83	kW	heating / Average (-10°C)	elbu	0.57	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	7.10	kW	Tj=35°C	EERd	2.91	-
Tj=30°C	Pdc	5.26	kW	Tj=30°C	EERd	4.71	-
Tj=25°C	Pdc	3.36	kW	Tj=25°C	EERd	8.65	-
Tj=20°C	Pdc	4.14	kW	Tj=20°C	EERd	9.13	-
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	6.65	kW	Tj=-7°C	COPd	2.21	-
Tj=2°C	Pdh	3.86	kW	Tj=2°C	COPd	4.19	-
Tj=7°C	Pdh	3.04	kW	Tj=7°C	COPd	4.64	-
Tj=12°C	Pdh	3.58	kW	Tj=12°C	COPd	5.35	-
Tj=bivalent temperature	Pdh	6.65	kW	Tj=bivalent temperature	COPd	2.21	-
Tj=operating limit	Pdh	7.12	kW	Tj=operating limit	COPd	1.99	-
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling	EERcyc	-	-
for heating	Pcyh	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	18	W	cooling	Qce	439	kWh/a
standby mode	Psb	18	W	heating / Average	Qhe	2726	kWh/a
thermostat-off mode	Pto	50	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	58	dB(A)
staged		No		Sound power level(outdoor)	Lwa	65	dB(A)
variable		Yes		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:				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'.			
Indoor unit model name		SRK20ZM-S+SRK25ZM-Sx2		Average(mandatory)		Yes	
Outdoor unit model name		SCM71ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)			
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	7.10	kW	cooling	SEER	5.81	A+
heating / Average	Pdesignh	7.40	kW	heating / Average	SCOP/A	3.80	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	6.83	kW	heating / Average (-10°C)	elbu	0.57	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	7.10	kW	Tj=35°C	EERd	3.73	-
Tj=30°C	Pdc	5.26	kW	Tj=30°C	EERd	4.71	-
Tj=25°C	Pdc	3.36	kW	Tj=25°C	EERd	8.65	-
Tj=20°C	Pdc	4.14	kW	Tj=20°C	EERd	9.13	-
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	6.65	kW	Tj=-7°C	COPd	2.21	-
Tj=2°C	Pdh	3.86	kW	Tj=2°C	COPd	4.19	-
Tj=7°C	Pdh	3.04	kW	Tj=7°C	COPd	4.64	-
Tj=12°C	Pdh	3.58	kW	Tj=12°C	COPd	5.35	-
Tj=bivalent temperature	Pdh	6.65	kW	Tj=bivalent temperature	COPd	2.21	-
Tj=operating limit	Pdh	7.12	kW	Tj=operating limit	COPd	1.99	-
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling	EERcyc	-	-
for heating	Pcyh	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	19	W	cooling	Qce	429	kWh/a
standby mode	Psb	19	W	heating / Average	Qhe	2726	kWh/a
thermostat-off mode	Pto	52	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	50	dB(A)
staged		No		Sound power level(outdoor)	Lwa	65	dB(A)
variable		Yes		Global warming potential	GWP	1975	kgCO2eq.
Contact details for obtaining more information				Rated air flow(indoor)			
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				Rated air flow(outdoor)			
				-			

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Information to identify the model(s) to which the information relates to:				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'.			
Indoor unit model name		SRK20ZM-Sx4		Average(mandatory)		Yes	
Outdoor unit model name		SCM71ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)			
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	7.10	kW	cooling	SEER	5.94	A+
heating / Average	Pdesignh	7.40	kW	heating / Average	SCOP/A	3.80	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
				unit			
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	6.83	kW	heating / Average (-10°C)	elbu	0.57	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	7.10	kW	Tj=35°C	EERd	3.94	-
Tj=30°C	Pdc	5.26	kW	Tj=30°C	EERd	5.03	-
Tj=25°C	Pdc	3.36	kW	Tj=25°C	EERd	8.65	-
Tj=20°C	Pdc	4.14	kW	Tj=20°C	EERd	9.27	-
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	6.65	kW	Tj=-7°C	COPd	2.21	-
Tj=2°C	Pdh	3.86	kW	Tj=2°C	COPd	4.19	-
Tj=7°C	Pdh	3.04	kW	Tj=7°C	COPd	4.64	-
Tj=12°C	Pdh	3.58	kW	Tj=12°C	COPd	5.35	-
Tj=bivalent temperature	Pdh	6.65	kW	Tj=bivalent temperature	COPd	2.21	-
Tj=operating limit	Pdh	7.12	kW	Tj=operating limit	COPd	1.99	-
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pccyc	-	kW	for cooling	EERcyc	-	-
for heating	Pchyc	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	19	W	cooling	Qce	419	kWh/a
standby mode	Psb	19	W	heating / Average	Qhe	2726	kWh/a
thermostat-off mode	Pto	52	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	46	dB(A)
staged		No		Sound power level(outdoor)	Lwa	65	dB(A)
variable		Yes		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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(6) Model SCM80ZM-S

Information to identify the model(s) to which the information relates to:				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'.			
Indoor unit model name		SRK35ZMX-S+SRK50ZMX-S		Average(mandatory)		Yes	
Outdoor unit model name		SCM80ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)		No	
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	8.00	kW	cooling	SEER	5.74	A+
heating / Average	Pdesignh	7.50	kW	heating / Average	SCOP/A	3.81	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
				unit			
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)		Pdh	5.98 kW	heating / Average (-10°C)		elbu	1.52 kW
heating / Warmer (2°C)		Pdh	- kW	heating / Warmer (2°C)		elbu	- kW
heating / Colder (-22°C)		Pdh	- kW	heating / Colder (-22°C)		elbu	- kW
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C		Pdc	8.00 kW	Tj=35°C		EERd	3.23 -
Tj=30°C		Pdc	5.94 kW	Tj=30°C		EERd	5.01 -
Tj=25°C		Pdc	3.70 kW	Tj=25°C		EERd	7.2 -
Tj=20°C		Pdc	4.31 kW	Tj=20°C		EERd	9.51 -
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C		Pdh	6.62 kW	Tj=-7°C		COPd	2.45 -
Tj=2°C		Pdh	3.95 kW	Tj=2°C		COPd	3.99 -
Tj=7°C		Pdh	2.57 kW	Tj=7°C		COPd	4.57 -
Tj=12°C		Pdh	2.63 kW	Tj=12°C		COPd	5.58 -
Tj=bivalent temperature		Pdh	6.62 kW	Tj=bivalent temperature		COPd	2.45 -
Tj=operating limit		Pdh	4.90 kW	Tj=operating limit		COPd	1.80 -
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C		Pdh	- kW	Tj=2°C		COPd	- -
Tj=7°C		Pdh	- kW	Tj=7°C		COPd	- -
Tj=12°C		Pdh	- kW	Tj=12°C		COPd	- -
Tj=bivalent temperature		Pdh	- kW	Tj=bivalent temperature		COPd	- -
Tj=operating limit		Pdh	- kW	Tj=operating limit		COPd	- -
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C		Pdh	- kW	Tj=-7°C		COPd	- -
Tj=2°C		Pdh	- kW	Tj=2°C		COPd	- -
Tj=7°C		Pdh	- kW	Tj=7°C		COPd	- -
Tj=12°C		Pdh	- kW	Tj=12°C		COPd	- -
Tj=bivalent temperature		Pdh	- kW	Tj=bivalent temperature		COPd	- -
Tj=operating limit		Pdh	- kW	Tj=operating limit		COPd	- -
Tj=-15°C		Pdh	- kW	Tj=-15°C		COPd	- -
Bivalent temperature				Operating limit temperature			
heating / Average		Tbiv	-7 °C	heating / Average		Tol	-15 °C
heating / Warmer		Tbiv	- °C	heating / Warmer		Tol	- °C
heating / Colder		Tbiv	- °C	heating / Colder		Tol	- °C
Cycling interval capacity				Cycling interval efficiency			
for cooling		Pcycc	- kW	for cooling		EERcyc	- -
for heating		Pcyh	- kW	for heating		COPcyc	- -
Degradation coefficient				Degradation coefficient			
cooling		Cdc	0.25 -	heating		Cdh	0.25 -
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode		Poff	14 W	cooling		Qce	489 kWh/a
standby mode		Psb	14 W	heating / Average		Qhe	2755 kWh/a
thermostat-off mode		Pto	35 W	heating / Warmer		Qhe	- kWh/a
crankcase heater mode		Pck	0 W	heating / colder		Qhe	- kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)		Lwa	60 dB(A)
staged		No		Sound power level(outdoor)		Lwa	66 dB(A)
variable		Yes		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					

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Information to identify the model(s) to which the information relates to:				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'.			
Indoor unit model name		SRK20ZMX-S+SRK25ZMX-S+SRK35ZMX-S		Average(mandatory)		Yes	
Outdoor unit model name		SCM80ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)		No	
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	8.00	kW	cooling	SEER	5.95	A+
heating / Average	Pdesignh	7.50	kW	heating / Average	SCOP/A	3.81	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
				unit			
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	5.98	kW	heating / Average (-10°C)	elbu	1.52	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	8.00	kW	Tj=35°C	EERd	3.52	-
Tj=30°C	Pdc	5.94	kW	Tj=30°C	EERd	5.12	-
Tj=25°C	Pdc	3.70	kW	Tj=25°C	EERd	7.65	-
Tj=20°C	Pdc	4.31	kW	Tj=20°C	EERd	9.85	-
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	6.62	kW	Tj=-7°C	COPd	2.45	-
Tj=2°C	Pdh	3.95	kW	Tj=2°C	COPd	3.99	-
Tj=7°C	Pdh	2.57	kW	Tj=7°C	COPd	4.57	-
Tj=12°C	Pdh	2.63	kW	Tj=12°C	COPd	5.58	-
Tj=bivalent temperature	Pdh	6.62	kW	Tj=bivalent temperature	COPd	2.45	-
Tj=operating limit	Pdh	4.90	kW	Tj=operating limit	COPd	1.80	-
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling	EERcyc	-	-
for heating	Pcyh	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	15	W	cooling	Qce	471	kWh/a
standby mode	Psb	15	W	heating / Average	Qhe	2755	kWh/a
thermostat-off mode	Pto	40	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	58	dB(A)
staged		No		Sound power level(outdoor)	Lwa	66	dB(A)
variable		Yes		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						
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Information to identify the model(s) to which the information relates to:				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'.			
Indoor unit model name		SRK20ZMX-S × 4					
Outdoor unit model name		SCM80ZM-S					
Function(indicate if present)				Average(mandatory)			
cooling		Yes		Warmer(if designated)		No	
heating		Yes		Colder(if designated)		No	
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	8.00	kW	cooling	SEER	6.29	A++
heating / Average	Pdesignh	7.50	kW	heating / Average	SCOP/A	3.81	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
				unit			
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)		Pdh 5.98 kW		heating / Average (-10°C)		elbu 1.52 kW	
heating / Warmer (2°C)		Pdh - kW		heating / Warmer (2°C)		elbu - kW	
heating / Colder (-22°C)		Pdh - kW		heating / Colder (-22°C)		elbu - kW	
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C		Pdc 8.00 kW		Tj=35°C		EERd 3.80 -	
Tj=30°C		Pdc 5.94 kW		Tj=30°C		EERd 5.50 -	
Tj=25°C		Pdc 3.70 kW		Tj=25°C		EERd 8.15 -	
Tj=20°C		Pdc 4.31 kW		Tj=20°C		EERd 10.19 -	
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C		Pdh 6.62 kW		Tj=-7°C		COPd 2.45 -	
Tj=2°C		Pdh 3.95 kW		Tj=2°C		COPd 3.99 -	
Tj=7°C		Pdh 2.57 kW		Tj=7°C		COPd 4.57 -	
Tj=12°C		Pdh 2.63 kW		Tj=12°C		COPd 5.58 -	
Tj=bivalent temperature		Pdh 6.62 kW		Tj=bivalent temperature		COPd 2.45 -	
Tj=operating limit		Pdh 4.90 kW		Tj=operating limit		COPd 1.80 -	
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C		Pdh - kW		Tj=2°C		COPd - -	
Tj=7°C		Pdh - kW		Tj=7°C		COPd - -	
Tj=12°C		Pdh - kW		Tj=12°C		COPd - -	
Tj=bivalent temperature		Pdh - kW		Tj=bivalent temperature		COPd - -	
Tj=operating limit		Pdh - kW		Tj=operating limit		COPd - -	
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C		Pdh - kW		Tj=-7°C		COPd - -	
Tj=2°C		Pdh - kW		Tj=2°C		COPd - -	
Tj=7°C		Pdh - kW		Tj=7°C		COPd - -	
Tj=12°C		Pdh - kW		Tj=12°C		COPd - -	
Tj=bivalent temperature		Pdh - kW		Tj=bivalent temperature		COPd - -	
Tj=operating limit		Pdh - kW		Tj=operating limit		COPd - -	
Tj=-15°C		Pdh - kW		Tj=-15°C		COPd - -	
Bivalent temperature				Operating limit temperature			
heating / Average		Tbiv -7 °C		heating / Average		Tol -15 °C	
heating / Warmer		Tbiv - °C		heating / Warmer		Tol - °C	
heating / Colder		Tbiv - °C		heating / Colder		Tol - °C	
Cycling interval capacity				Cycling interval efficiency			
for cooling		Pcycc - kW		for cooling		EERcyc -	
for heating		Pcyh - kW		for heating		COPcyc -	
Degradation coefficient				Degradation coefficient			
cooling		Cdc 0.25 -		heating		Cdh 0.25 -	
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode		Poff 15 W		cooling		Qce 446 kWh/a	
standby mode		Psb 15 W		heating / Average		Qhe 2755 kWh/a	
thermostat-off mode		Pto 40 W		heating / Warmer		Qhe - kWh/a	
crankcase heater mode		Pck 0 W		heating / colder		Qhe - kWh/a	
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)		Lwa 53 dB(A)	
staged		No		Sound power level(outdoor)		Lwa 66 dB(A)	
variable		Yes		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:				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'.			
Indoor unit model name		SRK35ZM-S+SRK50ZM-S		Average(mandatory)		Yes	
Outdoor unit model name		SCM80ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)			
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	7.50	kW	cooling	SEER	5.66	A+
heating / Average	Pdesignh	7.60	kW	heating / Average	SCOP/A	3.80	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
				unit			
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)		Pdh 6.69 kW		heating / Average (-10°C)		elbu 0.91 kW	
heating / Warmer (2°C)		Pdh - kW		heating / Warmer (2°C)		elbu - kW	
heating / Colder (-22°C)		Pdh - kW		heating / Colder (-22°C)		elbu - kW	
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C		Pdc 7.50 kW		Tj=35°C		EERd 2.79 -	
Tj=30°C		Pdc 5.54 kW		Tj=30°C		EERd 4.74 -	
Tj=25°C		Pdc 3.52 kW		Tj=25°C		EERd 8.46 -	
Tj=20°C		Pdc 4.19 kW		Tj=20°C		EERd 9.27 -	
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C		Pdh 6.80 kW		Tj=-7°C		COPd 2.29 -	
Tj=2°C		Pdh 3.99 kW		Tj=2°C		COPd 4.12 -	
Tj=7°C		Pdh 3.04 kW		Tj=7°C		COPd 4.64 -	
Tj=12°C		Pdh 3.58 kW		Tj=12°C		COPd 5.35 -	
Tj=bivalent temperature		Pdh 6.80 kW		Tj=bivalent temperature		COPd 2.29 -	
Tj=operating limit		Pdh 6.50 kW		Tj=operating limit		COPd 2.14 -	
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C		Pdh - kW		Tj=2°C		COPd - -	
Tj=7°C		Pdh - kW		Tj=7°C		COPd - -	
Tj=12°C		Pdh - kW		Tj=12°C		COPd - -	
Tj=bivalent temperature		Pdh - kW		Tj=bivalent temperature		COPd - -	
Tj=operating limit		Pdh - kW		Tj=operating limit		COPd - -	
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C		Pdh - kW		Tj=-7°C		COPd - -	
Tj=2°C		Pdh - kW		Tj=2°C		COPd - -	
Tj=7°C		Pdh - kW		Tj=7°C		COPd - -	
Tj=12°C		Pdh - kW		Tj=12°C		COPd - -	
Tj=bivalent temperature		Pdh - kW		Tj=bivalent temperature		COPd - -	
Tj=operating limit		Pdh - kW		Tj=operating limit		COPd - -	
Tj=-15°C		Pdh - kW		Tj=-15°C		COPd - -	
Bivalent temperature				Operating limit temperature			
heating / Average		Tbiv -7 °C		heating / Average		Tol -15 °C	
heating / Warmer		Tbiv - °C		heating / Warmer		Tol - °C	
heating / Colder		Tbiv - °C		heating / Colder		Tol - °C	
Cycling interval capacity				Cycling interval efficiency			
for cooling		Pcycc - kW		for cooling		EERcyc - -	
for heating		Pcyh - kW		for heating		COPcyc - -	
Degradation coefficient				Degradation coefficient			
cooling		Cdc 0.25 -		heating		Cdh 0.25 -	
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode		Poff 18 W		cooling		Qce 464 kWh/a	
standby mode		Psb 18 W		heating / Average		Qhe 2803 kWh/a	
thermostat-off mode		Pto 52 W		heating / Warmer		Qhe - kWh/a	
crankcase heater mode		Pck 0 W		heating / colder		Qhe - kWh/a	
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)		Lwa 61 dB(A)	
staged		No		Sound power level(outdoor)		Lwa 66 dB(A)	
variable		Yes		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:				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'.			
Indoor unit model name		SRK20ZM-S+SRK25ZM-S+SRK35ZM-S		Average(mandatory)		Yes	
Outdoor unit model name		SCM80ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)			
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	7.50	kW	cooling	SEER	5.76	A+
heating / Average	Pdesignh	7.60	kW	heating / Average	SCOP/A	3.80	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	6.69	kW	heating / Average (-10°C)	elbu	0.91	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	7.50	kW	Tj=35°C	EERd	3.52	-
Tj=30°C	Pdc	5.54	kW	Tj=30°C	EERd	4.74	-
Tj=25°C	Pdc	3.52	kW	Tj=25°C	EERd	8.46	-
Tj=20°C	Pdc	4.19	kW	Tj=20°C	EERd	9.27	-
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	6.80	kW	Tj=-7°C	COPd	2.29	-
Tj=2°C	Pdh	3.99	kW	Tj=2°C	COPd	4.12	-
Tj=7°C	Pdh	3.04	kW	Tj=7°C	COPd	4.64	-
Tj=12°C	Pdh	3.58	kW	Tj=12°C	COPd	5.35	-
Tj=bivalent temperature	Pdh	6.80	kW	Tj=bivalent temperature	COPd	2.29	-
Tj=operating limit	Pdh	6.50	kW	Tj=operating limit	COPd	2.14	-
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling	EERcyc	-	-
for heating	Pcyh	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	20	W	cooling	Qce	456	kWh/a
standby mode	Psb	20	W	heating / Average	Qhe	2803	kWh/a
thermostat-off mode	Pto	52	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	58	dB(A)
staged		No		Sound power level(outdoor)	Lwa	66	dB(A)
variable		Yes		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:				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'.			
Indoor unit model name		SRK20ZM-S x 4		Average(mandatory)		Yes	
Outdoor unit model name		SCM80ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)		No	
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	7.50	kW	cooling	SEER	5.85	A+
heating / Average	Pdesignh	7.60	kW	heating / Average	SCOP/A	3.80	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
				unit			
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	6.69	kW	heating / Average (-10°C)	elbu	0.91	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	7.50	kW	Tj=35°C	EERd	3.57	-
Tj=30°C	Pdc	5.54	kW	Tj=30°C	EERd	5.03	-
Tj=25°C	Pdc	3.52	kW	Tj=25°C	EERd	8.68	-
Tj=20°C	Pdc	4.19	kW	Tj=20°C	EERd	9.27	-
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	6.80	kW	Tj=-7°C	COPd	2.29	-
Tj=2°C	Pdh	3.99	kW	Tj=2°C	COPd	4.12	-
Tj=7°C	Pdh	3.04	kW	Tj=7°C	COPd	4.64	-
Tj=12°C	Pdh	3.58	kW	Tj=12°C	COPd	5.35	-
Tj=bivalent temperature	Pdh	6.80	kW	Tj=bivalent temperature	COPd	2.29	-
Tj=operating limit	Pdh	6.50	kW	Tj=operating limit	COPd	2.14	-
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling	EERcyc	-	-
for heating	Pcyhc	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	22	W	cooling	Qce	449	kWh/a
standby mode	Psb	22	W	heating / Average	Qhe	2803	kWh/a
thermostat-off mode	Pto	52	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	46	dB(A)
staged		No		Sound power level(outdoor)	Lwa	66	dB(A)
variable		Yes		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:				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'.			
Indoor unit model name		SRK25ZMX-Sx2+SRK50ZMX-S		Average(mandatory)		Yes	
Outdoor unit model name		SCM100ZM—S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)		No	
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	10.00	kW	cooling	SEER	4.95	B
heating / Average	Pdesignh	10.10	kW	heating / Average	SCOP/A	3.89	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
				unit			
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	8.62	kW	heating / Average (-10°C)	elbu	1.48	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(1°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(1°C and outdoor temperature Tj			
Tj=35°C	Pdc	10.00	kW	Tj=35°C	EERd	3.51	-
Tj=30°C	Pdc	7.65	kW	Tj=30°C	EERd	5.45	-
Tj=25°C	Pdc	8.10	kW	Tj=25°C	EERd	6.98	-
Tj=20°C	Pdc	7.81	kW	Tj=20°C	EERd	7.55	-
Declared capacity for heating / Average season, at indoor temperature 2°C and outdoor temperature T				Declared coefficient of performance / Average season, at indoor temperature 2°C and outdoor temperature T			
Tj=-7°C	Pdh	8.93	kW	Tj=-7°C	COPd	2.43	-
Tj=2°C	Pdh	5.49	kW	Tj=2°C	COPd	3.88	-
Tj=7°C	Pdh	4.61	kW	Tj=7°C	COPd	5.35	-
Tj=12°C	Pdh	5.34	kW	Tj=12°C	COPd	6.72	-
Tj=bivalent temperature	Pdh	8.93	kW	Tj=bivalent temperature	COPd	2.43	-
Tj=operating limit	Pdh	8.11	kW	Tj=operating limit	COPd	2.29	-
Declared capacity for heating / Warmer season, at indoor temperature 2°C and outdoor temperature T				Declared coefficient of performance / Warmer season, at indoor temperature 2°C and outdoor temperature T			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 2°C and outdoor temperature T				Declared coefficient of performance / Colder season, at indoor temperature 2°C and outdoor temperature T			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling	EERcyc	-	-
for heating	Pcyh	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	39	W	cooling	Qce	707	kWh/a
standby mode	Psb	39	W	heating / Average	Qhe	3633	kWh/a
thermostat-off mode	Pto	48	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	60	dB(A)
staged		No		Sound power level(outdoor)	Lwa	68	dB(A)
variable		Yes		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:				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'.			
Indoor unit model name		SRK25ZMX-S×4		Average(mandatory)		Yes	
Outdoor unit model name		SCM100ZM – S		Warmer(if designated)		No	
Cooler(if designated)				Colder(if designated)		No	
Function(indicate if present)							
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	10.00	kW	cooling	SEER	5.01	B
heating / Average	Pdesignh	10.10	kW	heating / Average	SCOP/A	3.95	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
				unit			
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	8.62	kW	heating / Average (-10°C)	elbu	1.48	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(1°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(1°C and outdoor temperature Tj			
Tj=35°C	Pdc	10.00	kW	Tj=35°C	EERd	3.57	-
Tj=30°C	Pdc	7.65	kW	Tj=30°C	EERd	5.55	-
Tj=25°C	Pdc	8.10	kW	Tj=25°C	EERd	7.04	-
Tj=20°C	Pdc	7.81	kW	Tj=20°C	EERd	7.65	-
Declared capacity for heating / Average season, at indoor temperature 2°C and outdoor temperature T				Declared coefficient of performance / Average season, at indoor temperature 2°C and outdoor temperature T			
Tj=-7°C	Pdh	8.93	kW	Tj=-7°C	COPd	2.45	-
Tj=2°C	Pdh	5.49	kW	Tj=2°C	COPd	3.90	-
Tj=7°C	Pdh	4.61	kW	Tj=7°C	COPd	5.55	-
Tj=12°C	Pdh	5.34	kW	Tj=12°C	COPd	6.82	-
Tj=bivalent temperature	Pdh	8.93	kW	Tj=bivalent temperature	COPd	2.45	-
Tj=operating limit	Pdh	8.11	kW	Tj=operating limit	COPd	2.29	-
Declared capacity for heating / Warmer season, at indoor temperature 2°C and outdoor temperature T				Declared coefficient of performance / Warmer season, at indoor temperature 2°C and outdoor temperature T			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 2°C and outdoor temperature T				Declared coefficient of performance / Colder season, at indoor temperature 2°C and outdoor temperature T			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling	EERcyc	-	-
for heating	Pcyh	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	39	W	cooling	Qce	699	kWh/a
standby mode	Psb	39	W	heating / Average	Qhe	3584	kWh/a
thermostat-off mode	Pto	48	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	55	dB(A)
staged		No		Sound power level(outdoor)	Lwa	68	dB(A)
variable		Yes		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:				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'.			
Indoor unit model name		SRK20ZMX-S×5		Average(mandatory)		Yes	
Outdoor unit model name		SCM100ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)		No	
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	10.00	kW	cooling	SEER	5.10	A
heating / Average	Pdesignh	10.10	kW	heating / Average	SCOP/A	4.02	A+
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
				unit			
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	8.62	kW	heating / Average (-10°C)	elbu	1.48	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(1°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(1°C and outdoor temperature Tj			
Tj=35°C	Pdc	10.00	kW	Tj=35°C	EERd	3.57	-
Tj=30°C	Pdc	7.65	kW	Tj=30°C	EERd	5.76	-
Tj=25°C	Pdc	8.10	kW	Tj=25°C	EERd	7.14	-
Tj=20°C	Pdc	7.81	kW	Tj=20°C	EERd	7.82	-
Declared capacity for heating / Average season, at indoor temperature 2°C and outdoor temperature T				Declared coefficient of performance / Average season, at indoor temperature 2°C and outdoor temperature T			
Tj=-7°C	Pdh	8.93	kW	Tj=-7°C	COPd	2.52	-
Tj=2°C	Pdh	5.49	kW	Tj=2°C	COPd	3.97	-
Tj=7°C	Pdh	4.61	kW	Tj=7°C	COPd	5.64	-
Tj=12°C	Pdh	5.34	kW	Tj=12°C	COPd	6.89	-
Tj=bivalent temperature	Pdh	8.93	kW	Tj=bivalent temperature	COPd	2.52	-
Tj=operating limit	Pdh	8.11	kW	Tj=operating limit	COPd	2.29	-
Declared capacity for heating / Warmer season, at indoor temperature 2°C and outdoor temperature T				Declared coefficient of performance / Warmer season, at indoor temperature 2°C and outdoor temperature T			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 2°C and outdoor temperature T				Declared coefficient of performance / Colder season, at indoor temperature 2°C and outdoor temperature T			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling	EERcyc	-	-
for heating	Pcyh	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	39	W	cooling	Qce	687	kWh/a
standby mode	Psb	39	W	heating / Average	Qhe	3519	kWh/a
thermostat-off mode	Pto	48	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	53	dB(A)
staged		No		Sound power level(outdoor)	Lwa	68	dB(A)
variable		Yes		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:				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'.			
Indoor unit model name		SRK71ZM-S x 2		Indoor unit model name		SCM100ZM-S	
Function(indicate if present)				Average(mandatory)			
cooling		Yes		Warmer(if designated)		No	
heating		Yes		Colder(if designated)		No	
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	10.00	kW	cooling	SEER	4.88	B
heating / Average	Pdesignh	10.10	kW	heating / Average	SCOP/A	3.83	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
				unit			
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	8.62	kW	heating / Average (-10°C)	elbu	1.48	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(1°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(1°C and outdoor temperature Tj			
Tj=35°C	Pdc	10.00	kW	Tj=35°C	EERd	3.50	-
Tj=30°C	Pdc	7.65	kW	Tj=30°C	EERd	5.40	-
Tj=25°C	Pdc	8.10	kW	Tj=25°C	EERd	6.78	-
Tj=20°C	Pdc	7.81	kW	Tj=20°C	EERd	7.45	-
Declared capacity for heating / Average season, at indoor temperature 2°C and outdoor temperature T				Declared coefficient of performance / Average season, at indoor temperature 2°C and outdoor temperature T			
Tj=-7°C	Pdh	8.93	kW	Tj=-7°C	COPd	2.40	-
Tj=2°C	Pdh	5.49	kW	Tj=2°C	COPd	3.80	-
Tj=7°C	Pdh	4.61	kW	Tj=7°C	COPd	5.30	-
Tj=12°C	Pdh	5.34	kW	Tj=12°C	COPd	6.70	-
Tj=bivalent temperature	Pdh	8.93	kW	Tj=bivalent temperature	COPd	2.40	-
Tj=operating limit	Pdh	8.11	kW	Tj=operating limit	COPd	2.20	-
Declared capacity for heating / Warmer season, at indoor temperature 2°C and outdoor temperature T				Declared coefficient of performance / Warmer season, at indoor temperature 2°C and outdoor temperature T			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 2°C and outdoor temperature T				Declared coefficient of performance / Colder season, at indoor temperature 2°C and outdoor temperature T			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling	EERcyc	-	-
for heating	Pcyh	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	39	W	cooling	Qce	718	kWh/a
standby mode	Psb	39	W	heating / Average	Qhe	3689	kWh/a
thermostat-off mode	Pto	48	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	60	dB(A)
staged		No		Sound power level(outdoor)	Lwa	68	dB(A)
variable		Yes		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			
				RWC000Z284			

Information to identify the model(s) to which the information relates to:				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'.			
Indoor unit model name		SRK25ZMX-Sx2+FDEN50VF		Average(mandatory)		Yes	
Outdoor unit model name		SCM100ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)			
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	10.00	kW	cooling	SEER	4.85	B
heating / Average	Pdesignh	10.20	kW	heating / Average	SCOP/A	3.83	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
				unit			
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)		Pdh 8.92 kW		heating / Average (-10°C)		elbu 1.28 kW	
heating / Warmer (2°C)		Pdh - kW		heating / Warmer (2°C)		elbu - kW	
heating / Colder (-22°C)		Pdh - kW		heating / Colder (-22°C)		elbu - kW	
Declared capacity for cooling, at indoor temperature 27(1°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(1°C and outdoor temperature Tj			
Tj=35°C		Pdc 10.00 kW		Tj=35°C		EERd 3.10 -	
Tj=30°C		Pdc 7.37 kW		Tj=30°C		EERd 4.91 -	
Tj=25°C		Pdc 6.86 kW		Tj=25°C		EERd 7.14 -	
Tj=20°C		Pdc 6.80 kW		Tj=20°C		EERd 8.08 -	
Declared capacity for heating / Average season, at indoor temperature 2°C and outdoor temperature T				Declared coefficient of performance / Average season, at indoor temperature 2°C and outdoor temperature T			
Tj=-7°C		Pdh 9.02 kW		Tj=-7°C		COPd 2.35 -	
Tj=2°C		Pdh 5.49 kW		Tj=2°C		COPd 3.97 -	
Tj=7°C		Pdh 4.61 kW		Tj=7°C		COPd 5.19 -	
Tj=12°C		Pdh 5.44 kW		Tj=12°C		COPd 5.39 -	
Tj=bivalent temperature		Pdh 9.02 kW		Tj=bivalent temperature		COPd 2.35 -	
Tj=operating limit		Pdh 8.75 kW		Tj=operating limit		COPd 2.62 -	
Declared capacity for heating / Warmer season, at indoor temperature 2°C and outdoor temperature T				Declared coefficient of performance / Warmer season, at indoor temperature 2°C and outdoor temperature T			
Tj=2°C		Pdh - kW		Tj=2°C		COPd - -	
Tj=7°C		Pdh - kW		Tj=7°C		COPd - -	
Tj=12°C		Pdh - kW		Tj=12°C		COPd - -	
Tj=bivalent temperature		Pdh - kW		Tj=bivalent temperature		COPd - -	
Tj=operating limit		Pdh - kW		Tj=operating limit		COPd - -	
Declared capacity for heating / Colder season, at indoor temperature 2°C and outdoor temperature T				Declared coefficient of performance / Colder season, at indoor temperature 2°C and outdoor temperature T			
Tj=-7°C		Pdh - kW		Tj=-7°C		COPd - -	
Tj=2°C		Pdh - kW		Tj=2°C		COPd - -	
Tj=7°C		Pdh - kW		Tj=7°C		COPd - -	
Tj=12°C		Pdh - kW		Tj=12°C		COPd - -	
Tj=bivalent temperature		Pdh - kW		Tj=bivalent temperature		COPd - -	
Tj=operating limit		Pdh - kW		Tj=operating limit		COPd - -	
Tj=-15°C		Pdh - kW		Tj=-15°C		COPd - -	
Bivalent temperature				Operating limit temperature			
heating / Average		Tbiv -7 °C		heating / Average		Tol -15 °C	
heating / Warmer		Tbiv - °C		heating / Warmer		Tol - °C	
heating / Colder		Tbiv - °C		heating / Colder		Tol - °C	
Cycling interval capacity				Cycling interval efficiency			
for cooling		Pcycc - kW		for cooling		EERcyc - -	
for heating		Pcyh - kW		for heating		COPcyc - -	
Degradation coefficient				Degradation coefficient			
cooling		Cdc 0.25 -		heating		Cdh 0.25 -	
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode		Poff 45 W		cooling		Qce 723 kWh/a	
standby mode		Psb 45 W		heating / Average		Qhe 3730 kWh/a	
thermostat-off mode		Pto 55 W		heating / Warmer		Qhe - kWh/a	
crankcase heater mode		Pck 0 W		heating / colder		Qhe - kWh/a	
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)		Lwa 60 dB(A)	
staged		No		Sound power level(outdoor)		Lwa 68 dB(A)	
variable		Yes		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:				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'.			
Indoor unit model name		SRK25ZM-S×4					
Outdoor unit model name		SCM100ZM-S					
Function(indicate if present)				Average(mandatory)			
cooling		Yes		Warmer(if designated)		No	
heating		Yes		Colder(if designated)		No	
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	10.00	kW	cooling	SEER	4.85	B
heating / Average	Pdesignh	10.20	kW	heating / Average	SCOP/A	3.83	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
				unit			
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	8.92	kW	heating / Average (-10°C)	elbu	1.28	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(1°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(1°C and outdoor temperature Tj			
Tj=35°C	Pdc	10.00	kW	Tj=35°C	EERd	3.10	-
Tj=30°C	Pdc	7.37	kW	Tj=30°C	EERd	4.91	-
Tj=25°C	Pdc	6.86	kW	Tj=25°C	EERd	7.14	-
Tj=20°C	Pdc	6.80	kW	Tj=20°C	EERd	8.08	-
Declared capacity for heating / Average season, at indoor temperature 2°C and outdoor temperature T				Declared coefficient of performance / Average season, at indoor temperature 2°C and outdoor temperature T			
Tj=-7°C	Pdh	9.02	kW	Tj=-7°C	COPd	2.35	-
Tj=2°C	Pdh	5.49	kW	Tj=2°C	COPd	3.97	-
Tj=7°C	Pdh	4.61	kW	Tj=7°C	COPd	5.19	-
Tj=12°C	Pdh	5.44	kW	Tj=12°C	COPd	5.39	-
Tj=bivalent temperature	Pdh	9.02	kW	Tj=bivalent temperature	COPd	2.35	-
Tj=operating limit	Pdh	8.75	kW	Tj=operating limit	COPd	2.62	-
Declared capacity for heating / Warmer season, at indoor temperature 2°C and outdoor temperature T				Declared coefficient of performance / Warmer season, at indoor temperature 2°C and outdoor temperature T			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 2°C and outdoor temperature T				Declared coefficient of performance / Colder season, at indoor temperature 2°C and outdoor temperature T			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling	EERcyc	-	-
for heating	Pcyh	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	45	W	cooling	Qce	723	kWh/a
standby mode	Psb	45	W	heating / Average	Qhe	3730	kWh/a
thermostat-off mode	Pto	55	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	50	dB(A)
staged		No		Sound power level(outdoor)	Lwa	68	dB(A)
variable		Yes		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						
							RWC000Z284

Information to identify the model(s) to which the information relates to:				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'.			
Indoor unit model name		SRK20ZM-S*5		Average(mandatory)		Yes	
Outdoor unit model name		SCM100ZM-S		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)		No	
cooling		Yes					
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	10.00	kW	cooling	SEER	4.85	B
heating / Average	Pdesignh	10.20	kW	heating / Average	SCOP/A	3.83	A
heating / Warmer	Pdesignh	-	kW	heating / Warmer	SCOP/W	-	-
heating / Colder	Pdesignh	-	kW	heating / Colder	SCOP/C	-	-
				unit			
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)	Pdh	8.92	kW	heating / Average (-10°C)	elbu	1.28	kW
heating / Warmer (2°C)	Pdh	-	kW	heating / Warmer (2°C)	elbu	-	kW
heating / Colder (-22°C)	Pdh	-	kW	heating / Colder (-22°C)	elbu	-	kW
Declared capacity for cooling, at indoor temperature 27(1°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(1°C and outdoor temperature Tj			
Tj=35°C	Pdc	10.00	kW	Tj=35°C	EERd	3.10	-
Tj=30°C	Pdc	7.37	kW	Tj=30°C	EERd	4.91	-
Tj=25°C	Pdc	6.86	kW	Tj=25°C	EERd	7.14	-
Tj=20°C	Pdc	6.80	kW	Tj=20°C	EERd	8.08	-
Declared capacity for heating / Average season, at indoor temperature 2°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 2°C and outdoor temperature Tj			
Tj=-7°C	Pdh	9.02	kW	Tj=-7°C	COPd	2.35	-
Tj=2°C	Pdh	5.49	kW	Tj=2°C	COPd	3.97	-
Tj=7°C	Pdh	4.61	kW	Tj=7°C	COPd	5.19	-
Tj=12°C	Pdh	5.44	kW	Tj=12°C	COPd	5.39	-
Tj=bivalent temperature	Pdh	9.02	kW	Tj=bivalent temperature	COPd	2.35	-
Tj=operating limit	Pdh	8.75	kW	Tj=operating limit	COPd	2.62	-
Declared capacity for heating / Warmer season, at indoor temperature 2°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 2°C and outdoor temperature Tj			
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Declared capacity for heating / Colder season, at indoor temperature 2°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 2°C and outdoor temperature Tj			
Tj=-7°C	Pdh	-	kW	Tj=-7°C	COPd	-	-
Tj=2°C	Pdh	-	kW	Tj=2°C	COPd	-	-
Tj=7°C	Pdh	-	kW	Tj=7°C	COPd	-	-
Tj=12°C	Pdh	-	kW	Tj=12°C	COPd	-	-
Tj=bivalent temperature	Pdh	-	kW	Tj=bivalent temperature	COPd	-	-
Tj=operating limit	Pdh	-	kW	Tj=operating limit	COPd	-	-
Tj=-15°C	Pdh	-	kW	Tj=-15°C	COPd	-	-
Bivalent temperature				Operating limit temperature			
heating / Average	Tbiv	-7	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	-	°C	heating / Warmer	Tol	-	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pccyc	-	kW	for cooling	EERcyc	-	-
for heating	Pcyc	-	kW	for heating	COPcyc	-	-
Degradation coefficient				Degradation coefficient			
cooling	Cdc	0.25	-	heating	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	45	W	cooling	Qce	723	kWh/a
standby mode	Psb	45	W	heating / Average	Qhe	3731	kWh/a
thermostat-off mode	Pto	60	W	heating / Warmer	Qhe	-	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	46	dB(A)
staged		No		Sound power level(outdoor)	Lwa	68	dB(A)
variable		Yes		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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