

12. TECHNICAL INFORMATION

Model SRK20ZS-W

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	SRK20ZS-W		
Outdoor unit model name	SRC20ZS-W		
Function(indicate if present)		Average(mandatory)	
cooling	Yes	Warmer(if designated)	Yes
heating	Yes	Colder(if designated)	No
Item	symbol	value	unit
Design load			
cooling	Pdesignc	2.00	kW
heating / Average	Pdesignh	2.60	kW
heating / Warmer	Pdesignh	3.30	kW
heating / Colder	Pdesignh	-	kW
Declared capacity at outdoor temperature Tdesignh		Seasonal efficiency and energy efficiency class	
heating / Average (-10°C)	Pdh	2.60	kW
heating / Warmer (2°C)	Pdh	3.30	kW
heating / Colder (-22°C)	Pdh	-	kW
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj		Back up heating capacity at outdoor temperature Tdesignh	
Tj=35°C	Pdc	2.00	kW
Tj=30°C	Pdc	1.40	kW
Tj=25°C	Pdc	1.00	kW
Tj=20°C	Pdc	1.00	kW
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj		Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj	
Tj=-7°C	Pdh	2.40	kW
Tj=2°C	Pdh	1.40	kW
Tj=7°C	Pdh	0.95	kW
Tj=12°C	Pdh	1.10	kW
Tj=bivalent temperature	Pdh	2.60	kW
Tj=operating limit	Pdh	2.10	kW
Declared capacity for heating / Warmer 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=2°C	Pdh	3.30	kW
Tj=7°C	Pdh	2.10	kW
Tj=12°C	Pdh	1.10	kW
Tj=bivalent temperature	Pdh	3.30	kW
Tj=operating limit	Pdh	2.10	kW
Declared capacity for heating / Colder 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=-7°C	Pdh	-	kW
Tj=2°C	Pdh	-	kW
Tj=7°C	Pdh	-	kW
Tj=12°C	Pdh	-	kW
Tj=bivalent temperature	Pdh	-	kW
Tj=operating limit	Pdh	-	kW
Tj=-15°C	Pdh	-	kW
Bivalent temperature		Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj	
heating / Average	Tbiv	-10	°C
heating / Warmer	Tbiv	2	°C
heating / Colder	Tbiv	-	°C
Cycling interval capacity		Operating limit temperature	
for cooling	Pcyc	-	kW
for heating	Pcyc	-	kW
Degradation coefficient		heating / Average	
cooling	Cdc	0.25	-
Electric power input in power modes other than 'active mode'		heating / Warmer	
off mode	Poff	4	W
standby mode	Psb	4	W
thermostat-off mode	Pto(cooling)	10	W
crankcase heater mode	Pto(heating)	11	W
	Pck	0	W
Capacity control(indicate one of three options)		heating / Colder	
fixed		Tol	-15 °C
staged	No		-15 °C
variable	No		- °C
	Yes		
Contact details for obtaining more information		Annual electricity consumption	
Name and address of the manufacturer or of its authorised representative.		cooling	Qce
Mitsubishi Heavy Industries Air-Conditioning Europe, Ltd.		heating / Average	Qhe
5 The Square, Stockley Park, Uxbridge, Middlesex, UB11 1ET,		heating / Warmer	Qhe
United Kingdom		heating / colder	Qhe
		Sound power level(indoor)	Lwa
		Sound power level(outdoor)	Lwa
		Global warming potential	GWP
		Rated air flow(indoor)	-
		Rated air flow(outdoor)	-

SRK25ZS-W

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		SRK25ZS-W		Average(mandatory)		Yes	
Outdoor unit model name		SRC25ZS-W		Warmer(if designated)		Yes	
Function(indicate if present)				Colder(if designated)			
cooling		Yes		Colder(if designated)		No	
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	2.50	kW	cooling	SEER	8.50	A+++
heating / Average	Pdesignh	2.70	kW	heating / Average	SCOP/A	4.70	A++
heating / Warmer	Pdesignh	3.30	kW	heating / Warmer	SCOP/W	5.90	A+++
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	2.70	kW	heating / Average (-10°C)	elbu	-	kW
heating / Warmer (2°C)	Pdh	3.30	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	2.50	kW	Tj=35°C	EERd	4.03	-
Tj=30°C	Pdc	1.80	kW	Tj=30°C	EERd	6.45	-
Tj=25°C	Pdc	1.11	kW	Tj=25°C	EERd	11.80	-
Tj=20°C	Pdc	1.10	kW	Tj=20°C	EERd	18.20	-
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	2.40	kW	Tj=-7°C	COPd	2.50	-
Tj=2°C	Pdh	1.40	kW	Tj=2°C	COPd	4.92	-
Tj=7°C	Pdh	0.95	kW	Tj=7°C	COPd	6.15	-
Tj=12°C	Pdh	1.10	kW	Tj=12°C	COPd	7.86	-
Tj=bivalent temperature	Pdh	2.70	kW	Tj=bivalent temperature	COPd	2.40	-
Tj=operating limit	Pdh	2.30	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	3.30	kW	Tj=2°C	COPd	2.70	-
Tj=7°C	Pdh	2.10	kW	Tj=7°C	COPd	5.23	-
Tj=12°C	Pdh	1.10	kW	Tj=12°C	COPd	7.86	-
Tj=bivalent temperature	Pdh	3.30	kW	Tj=bivalent temperature	COPd	2.70	-
Tj=operating limit	Pdh	2.10	kW	Tj=operating limit	COPd	2.10	-
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	-10	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	2	°C	heating / Warmer	Tol	-15	°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	4	W	cooling	Qce	103	kWh/a
standby mode	Psb	4	W	heating / Average	Qhe	804	kWh/a
thermostat-off mode	Pto(cooling)	10	W	heating / Warmer	Qhe	784	kWh/a
crankcase heater mode	Pto(heating)	11	W	heating / colder	Qhe	-	kWh/a
	Pck	0	W				
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	56	dB(A)
variable		Yes		Global warming potential	GWP	675	kgCO2eq.
				Rated air flow(indoor)	-	594	m3/h
				Rated air flow(outdoor)	-	1644	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. 5 The Square, Stockley Park, Uxbridge, Middlesex, UB11 1ET, United Kingdom						

SRK35ZS-W

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		SRK35ZS-W		Average(mandatory)		Yes	
Outdoor unit model name		SRC35ZS-W		Warmer(if designated)		Yes	
Function(indicate if present)				Colder(if designated)			
cooling		Yes		No			
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	3.50	kW	cooling	SEER	8.40	A++
heating / Average	Pdesignh	3.00	kW	heating / Average	SCOP/A	4.70	A++
heating / Warmer	Pdesignh	3.70	kW	heating / Warmer	SCOP/W	6.00	A+++
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	3.00	kW	heating / Average (-10°C)	elbu	-	kW
heating / Warmer (2°C)	Pdh	3.70	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	3.50	kW	Tj=35°C	EERd	3.82	-
Tj=30°C	Pdc	2.58	kW	Tj=30°C	EERd	5.82	-
Tj=25°C	Pdc	1.60	kW	Tj=25°C	EERd	11.20	-
Tj=20°C	Pdc	1.07	kW	Tj=20°C	EERd	18.50	-
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	2.65	kW	Tj=-7°C	COPd	2.50	-
Tj=2°C	Pdh	1.62	kW	Tj=2°C	COPd	4.92	-
Tj=7°C	Pdh	1.04	kW	Tj=7°C	COPd	6.10	-
Tj=12°C	Pdh	1.16	kW	Tj=12°C	COPd	7.86	-
Tj=bivalent temperature	Pdh	3.00	kW	Tj=bivalent temperature	COPd	2.40	-
Tj=operating limit	Pdh	2.52	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	3.70	kW	Tj=2°C	COPd	2.80	-
Tj=7°C	Pdh	2.38	kW	Tj=7°C	COPd	5.20	-
Tj=12°C	Pdh	1.16	kW	Tj=12°C	COPd	7.86	-
Tj=bivalent temperature	Pdh	3.70	kW	Tj=bivalent temperature	COPd	2.80	-
Tj=operating limit	Pdh	2.52	kW	Tj=operating limit	COPd	2.10	-
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	-10	°C	heating / Average	Tol	-15	°C
heating / Warmer	Tbiv	2	°C	heating / Warmer	Tol	-15	°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	4	W	cooling	Qce	146	kWh/a
standby mode	Psb	4	W	heating / Average	Qhe	895	kWh/a
thermostat-off mode	Pto(cooling)	10	W	heating / Warmer	Qhe	863	kWh/a
crankcase heater mode	Pto(heating)	11	W	heating / colder	Qhe	-	kWh/a
	Pck	0	W				
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	54	dB(A)
staged		No		Sound power level(outdoor)	Lwa	61	dB(A)
variable		Yes		Global warming potential	GWP	675	kgCO2eq.
				Rated air flow(indoor)	-	678	m3/h
				Rated air flow(outdoor)	-	1890	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. 5 The Square, Stockley Park, Uxbridge, Middlesex, UB11 1ET, United Kingdom						

SRK50ZS-W

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	SRK50ZS-WB		
Outdoor unit model name	SRK50ZS-W		
Function(indicate if present)		Average(mandatory)	
cooling	Yes	Warmer(if designated)	Yes
heating	Yes	Colder(if designated)	No
Item	symbol	value	unit
Design load			
cooling	Pdesignc	5.00	kW
heating / Average	Pdesignh	3.80	kW
heating / Warmer	Pdesignh	4.60	kW
heating / Colder	Pdesignh	-	kW
Declared capacity at outdoor temperature Tdesignh		Seasonal efficiency and energy efficiency class	
heating / Average (-10°C)	Pdh	3.80	kW
heating / Warmer (2°C)	Pdh	4.60	kW
heating / Colder (-22°C)	Pdh	-	kW
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj		Back up heating capacity at outdoor temperature Tdesignh	
Tj=35°C	Pdc	5.00	kW
Tj=30°C	Pdc	3.65	kW
Tj=25°C	Pdc	2.37	kW
Tj=20°C	Pdc	1.90	kW
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj		Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj	
Tj=-7°C	Pdh	3.35	kW
Tj=2°C	Pdh	2.00	kW
Tj=7°C	Pdh	1.30	kW
Tj=12°C	Pdh	1.50	kW
Tj=bivalent temperature	Pdh	3.80	kW
Tj=operating limit	Pdh	3.20	kW
Declared capacity for heating / Warmer 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=2°C	Pdh	4.60	kW
Tj=7°C	Pdh	2.90	kW
Tj=12°C	Pdh	1.50	kW
Tj=bivalent temperature	Pdh	4.60	kW
Tj=operating limit	Pdh	3.20	kW
Declared capacity for heating / Colder 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=-7°C	Pdh	-	kW
Tj=2°C	Pdh	-	kW
Tj=7°C	Pdh	-	kW
Tj=12°C	Pdh	-	kW
Tj=bivalent temperature	Pdh	-	kW
Tj=operating limit	Pdh	-	kW
Tj=-15°C	Pdh	-	kW
Bivalent temperature		Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj	
heating / Average	Tbiv	-10	°C
heating / Warmer	Tbiv	2	°C
heating / Colder	Tbiv	-	°C
Cycling interval capacity		Operating limit temperature	
for cooling	Pcyc	-	kW
for heating	Pcyc	-	kW
Degradation coefficient		heating / Average	
cooling	Cdc	0.25	-
Electric power input in power modes other than 'active mode'		heating / Warmer	
off mode	Poff	4	W
standby mode	Psb	4	W
thermostat-off mode	Pto(cooling)	14	W
crankcase heater mode	Pto(heating)	15	W
	Pck	0	W
Capacity control(indicate one of three options)		heating / Colder	
fixed		-15	°C
staged		-15	°C
variable		-	°C
Cycling interval efficiency		Other items	
for cooling	EERcyc	-	-
for heating	COPcyc	-	-
Degradation coefficient		Sound power level(indoor)	
heating	Cdh	0.25	-
Annual electricity consumption		Sound power level(outdoor)	
cooling	Qce	250	kWh/a
heating / Average	Qhe	1158	kWh/a
heating / Warmer	Qhe	1131	kWh/a
heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)		Global warming potential	
fixed		59	dB(A)
staged		61	dB(A)
variable		675	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.		726	
5 The Square, Stockley Park, Uxbridge, Middlesex, UB11 1ET,		-	
United Kingdom		1968	
		Rated air flow(outdoor)	