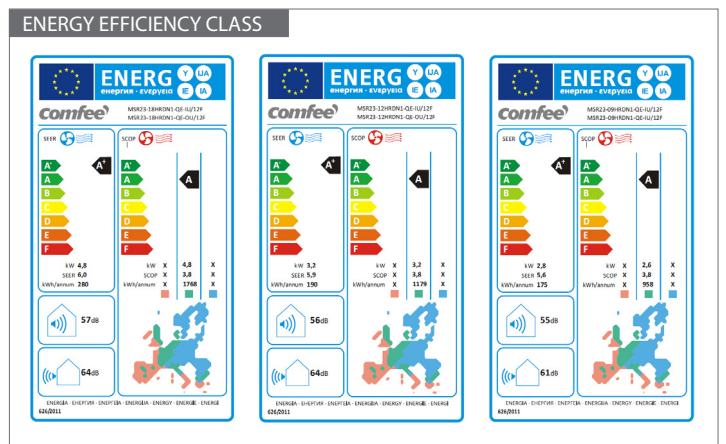


INVERTER SPLIT AIR-CONDITIONERS

12F

MSR23-09HRDN1-QE/12F
MSR23-12HRDN1-QE/12F

MSR23-18HRDN1-QE/12F



- Suitable for room sizes of 32 - 80 m²
- Convenience due to selectable operation mode: Cooling, heating, dehumidifying, ventilating
- Easy regulation of indoor temperature by remote control
- Built-in filter ensures a healthy indoor climate
- Optimized air distribution by electrically adjustable air outlet grid
- Cost-efficient heating with heat pump technology
- Easy installation with prefilled copper pipes
- Wall penetration of only 6 cm with Quick Connector (Screw-Version)
- Complete installation kit incl. 5 meter copper pipes
- Optional accessory: Wall bracket for outdoor unit
- Additional heating element of outdoor unit allows a heating operation down to -15°C outdoor temperature
- Energy efficiency class A+
- 3 Years Warranty



Biofilter



Heat function



Dehumidifying



LED Display



3 Years Warranty



Installation Kit



Remote Control



Timer



Auto Restart



Turbomode



Sleepmode



PTC-Heater

All models have a winter regulation. This allows a cooling operation down to -15°C outdoor temperature, suitable for server rooms.



Quick Connector (Screw-Version)
for easy and quick installation

Technical Specifications

Model	Meas. Unit	MSR23-09HRDN1-QE/12F	MSR23-12HRDN1-QE/12F	MSR23-18HRDN1-QE/12F
Item number		10000260	10000261	10000262
EAN-Code		4048164801015	4048164802012	4048164803019
Colour		white	white	white
Electrical Data				
Power Input Cooling	Watt	142-1.310	124-1.510	166-2.140
Power Input Heating	Watt	175-1.230	166-1.530	226-2.220
Voltage / Frequency	V~/Hz	220-240/50	220-240/50	220-240/50
Operating Range (Cooling/Heating)	°C	17 to 32 / 0 to 30	17 to 32 / 0 to 30	17 to 32 / 0 to 30
Operating Range (Cooling/Heating)		-15 to 50 / -15 to 30	-15 to 50 / -15 to 30	-15 to 50 / -15 to 30
Power Data				
Cooling Capacity	BTU/h	9.500	11.000	16.500
	W/h	2.800	3.200	4.800
Heating Capacity	BTU/h	9.500	11.800	18.000
	W/h	2.679	3.200	4.800
Ventilation Indoor/Outdoor	approx. m ³ /h	650/1.800	650/1.800	800/2.200
Dehumidification Capacity	approx. liter/24h	24	26,4	38,4
Cooling Fluid		R410a	R410a	R410a
SCOP		3,80	3,80	3,80
Energy Efficiency Class Heating		A	A	A
SEER		5,60	5,90	6,0
Energy Efficiency Class Cooling		A+	A+	A+
Noise pressure level Indoor/Outdoor	from db(A)	31/56	32/56	33/60
Noise power level Indoor/Outdoor	db(A)	55/61	56/64	57/64
Optimal room size*	approx. m ³	80	100	150
Dimensions and Weight				
length copper pipes	approx. m	5	5	5
Measurements indoor unit	H x W x D	275 x 800 x 188	275 x 800 x 188	275 x 940 x 205
Measurement outdoor unit	approx. mm	540 x 780 x 250	540 x 780 x 250	590 x 760 x 285
Weight indoor unit	approx. kg	7,5	7,5	9
Weight outdoor unit		30	30	35
Volume packing unit	pieces	2	2	2
Volume palette	set	4	4	4

* Productivity can be influenced by air humidity, pitch of the roof and the size of windows.

Fulfills the new ERP Ökodesign Regulation 2009/125EG and the related executive order (EU) 206/2012.

