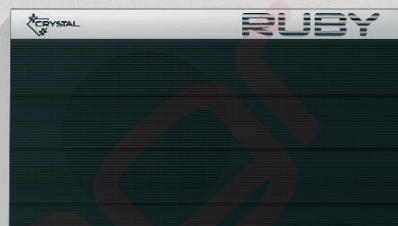


The logo features a stylized geometric symbol on the left, composed of lines forming a diamond shape with internal cross-like structures. To the right of this symbol, the words "CRYSTAL" and "RUBY" are stacked vertically in a bold, black, sans-serif font.

CRYSTAL RUBY



HEAT PUMP

air-water



ECOLOGICAL SOLUTION FOR HEATING AND DHW

Model			RUBY 08M-HB (ErP)	RUBY 12M-HB (ErP)	RUBY 15M-HB (ErP)
Energy efficiency class - low temperature application (W35)			A+++/ A+++	A+++/ A+++	A+++/ A+++
SCOP, temperate climate zone, T _{water} (+35°C/55°C)			5.23/3.89	5.48/4.12	5.35/4.03
Seasonal heating energy efficiency (η _{s,h})		%	206/153	216/162	211/158
Power		V/Hz/Ph	220-240/50/1	220-240/50/1	380-415/50/3
Heating capacity (W35°C @ A7°C)		kW	9.6	12.2	15.9
C.O.P min/max		W/W	5.05/5.21	4.95/5.63	4.90/5.49
Heating capacity min/max (W35°C @ A7°C)		kW	2.9/9.6	3.7/12.2	5.3/15.9
Power supply capacity min/max (W35°C @ A7°C)		kW	0.55/1.90	0.67/2.46	0.97/3.24
Heating capacity (W45°C @ A7°C)		kW	9.2	11.6	15.2
C.O.P min/max		W/W	3.86/3.87	3.94/4.04	4.00/4.02
Heating capacity min/max		kW	2.7/9.2	3.5/11.6	4.9/15.2
Power supply capacity min/max		kW	0.69/2.38	0.83/2.94	1.22/3.80
Cooling capacity (W18°C @ A35°C)		kW	9	12.2	15.3
E.E.R min/max		W/W	3.67/4.17	4.12/5.38	3.70/4.97
Cooling capacity min/max		kW	3.4/9.0	6.3/12.2	7.8/15.3
Power supply capacity min/max		kW	0.81/2.46	1.16/2.95	1.57/4.12
Cooling capacity (W7°C @ A35°C)		kW	7	9.2	12.1
E.E.R min/max		W/W	2.59/2.99	2.80/3.32	3.18/3.19
Cooling capacity min/max		kW	2.3/7.0	3.3/9.2	5.2/12.1
Supply power min./max.		kW	0.88/2.34	1.19/2.78	1.65/3.79
Temperature range	Heating/Cooling	°C	-25~43	-25~43	-25~43
Maximum system temperature	Heating/Cooling	°C	75/25	75/25	75/25
Minimum system temperature	Heating/Cooling	°C	20/07	20/07	20/07
Compressor	Type	-	Twin-rotary	Twin-rotary	Twin-rotary
Fan	Quantity	-	1	1	2
	Flow	m³/h	3280	3300	6300
	Power supply	W	116	172	62*2
Noise	External	dB(A)	49	50	55
Heat exchanger	Type	-	Plate-shaped	Plate-shaped	Plate-shaped
	Pressure drop	kPa	23		
	Pipe connections	Inch	G1"	G1"	G1-1/4"
Circulation pump	Type	-	DC INVERTER	DC INVERTER	DC INVERTER
	Head, max.	mH ₂ O	9	9	12.5
	Flow - Min./Nom./Max.	l/s	0.27/0.38/0.50	0.40/0.57/0.75	0.50/0.72/0.93
Overall dimensions / packaging WxDxH	Indoor unit	mm	550x650x260	550x650x260	550x650x260
	Outdoor unit	mm	1260x395x1030	1260x395x1030	1260x420x1525
Refrigerant	Type / quantity	kg	R290/0.9kg	R290/1.2kg	R290/1.75kg
Net weight	Indoor / outdoor unit	kg	30/133	30/144	30/221

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