

 CRYSTAL
RUBY



R290 40

HEAT PUMP

air-water



ECOLOGICAL SOLUTION FOR HEATING AND DHW

Model		RUBY 40M-TM (ErP)	
Energy efficiency class - low temperature application (W35)			A+++/A+++
SCOP, temperate zone, Twater (+35°C/55°C)			4.86/3.72
Seasonal energy efficiency for heating (ηs,h)		%	192/146
Power		V/Hz/Ph	380-415/50/3
Heating capacity (W35°C @ A7°C)		kW	38.6
C.O.P min./max.		W/W	3.15/4.58
Heating capacity min./max. (W35°C @ A7°C)		kW	12.7/38.6
Power supply capacity min./max. (W35°C @ A7°C)		kW	2.8/12.3
Heating capacity (W45°C @ A7°C)		kW	38.2
C.O.P min./max.		W/W	2.9/3.61
Heating capacity min./max.		kW	11.9/38.2
Power supply capacity min./max.		kW	3.3/12.8
Cooling capacity (W18°C @ A35°C)		kW	34.2
E.E.R min./max.		W/W	3.75/4.33
Cooling capacity min./max.		kW	12.1/34.2
Power supply capacity min./max.		kW	2.8/9.1
Cooling capacity (W7°C @ A35°C)		kW	25.1
E.E.R min./max.		W/W	1.56/2.67
Cooling capacity min./max.		kW	4.5/25.1
Power supply capacity min./max.		kW	2.9/9.4
Temperature range	Heating/Cooling	°C	-25~43
Maximum system temperature	Heating/Cooling	°C	75/25
Minimum system temperature	Heating/Cooling	°C	20/07
Compressor	Type	-	Scroll
Fan	Quantity	-	1
	Flowrate	m³/h	13500
	Power supply	W	1100
Noise	External	dB(A)	62
Heat exchanger	Type	-	Plate heat exchanger
	Circulation pump	kPa	80
	Pipe connections	Inch	G2"
Flowrate	Min./Nom./Max.	l/s	1.3/1.9/2.5
Overall dimensions / packaging WxDxH	Indoor unit	mm	390x450x132
	Outdoor unit	mm	1170x970x1620
Refrigerant	Type / quantity	kg	R290/4.2
Net weight	Indoor / outdoor unit	kg	10/348

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