

OPTIMUS PRO MONO air-to-water heat pump DATA SHEET (18-30kW)


Monoblock			HOP18WMONO3	HOP22WMONO3	HOP26WMONO3	HOP30WMONO3
Heating	A7W35 ¹	kW	18.00	22.00	26.00	30.10
	A7W55 ²	kW	18.00	22.00	26.00	30.00
Cooling	A35W18 ³	kW	18.50	23.00	27.00	31.00
	A35W7 ⁴	kW	17.00	21.00	26.00	29.50
Seasonal space heating energy efficiency class ⁵	Water outlet at 35°C	class	A+++			
	Water outlet at 55°C	class	A++		A+	
SCOP ⁵	35°C		4.6	4.53	4.5	4.2
	55°C		3.2	3.23	3.15	3.15
SEER ⁵	7°C		4.7	4.7	4.66	4.49
	18°C		5.48	5.67	5.88	5.71
Electric heater		kW	-			
Power supply		V/Ph/Hz	380-415/3/50			
Rated power input		W	10600	12500	13800	14500
Maximum circuit amps (MCA)		A	21	24.5	27	28.5
Total Over-current amps (TOCA)		A	28			
User interface cable, AWG18 shielded		mm ²	5x0,75			
Refrigerant	Type (GWP)		R32 (675)			
	Charged volume	kg	5.0			
Water piping		in	R1 1/4"			
Sound power level ⁶		dB	71	73	75	77
Unit dimension (W x H x D)		mm	1129x1558x528			
Net / Gross weight		kg	177 / 206			
Ambient temperature range	Heating	°C	-25 ~ +35			
	Cooling	°C	-5 ~ +43			
	Domestic hot water	°C	-25 ~ +43			

1 Evaporator air in +7°C, 85% RH, Condenser water in/out +30/35°C.

2 Evaporator air in +7°C, 85% RH, Condenser water in/out +47/55°C.

3 Condenser air in +35°C, Evaporator water in/out +23/18°C.

4 Condenser air in +35°C, Evaporator water in/out +12/7°C.

5 Seasonal energy efficiency class tested in average climate general.

6 Testing standard: EN12102-1.