

ULTIMA MONO commercial air-to-water heat pump DATA SHEET (40kW)



Outdoor unit			HLT40MONO-3
Heating A7W35 ¹	Capacity	kW	13.5 - 39.6
	Power input	kW	3.18 - 11.3
	COP Max	W/W	4.42
Heating A7W45 ²	Capacity	kW	13.5 - 38.2
	Power input	kW	3.5 - 12.3
	COP Max	W/W	3.83
Cooling A35W18 ³	Capacity	kW	13.4 - 36.2
	Power input	kW	2.88 - 9.87
	EER Max	W/W	4.92
Cooling A35W7 ⁴	Capacity	kW	6.4 - 25.8
	Power input	kW	2.87 - 9.38
	EER Max	W/W	2.75
Seasonal space heating energy efficiency class ⁵	Water outlet at 35°C	class	A+++
	Water outlet at 55°C	class	A++
SCOP 35°C ⁵		-	4.87
Power supply	V/Hz/Ph		380-415/50/3
Power cord	mm ²		5x6.0
Circuit breaker	A		C40
Refrigerant	Type (GWP)	-	R290 (3)
	Amount	kg	4.2
Compressor	Type	-	DC twin rotary inverter
Fan	Type	-	DC motor
	Quantity	-	1
	Airflow	m ³ /h	12500
	Rated power	W	1100
Water side heat exchanger	Type	-	Plate heat exchanger
	Piping connection	inch	G2"
Allowable water flow (min / rated / max)	l/s		1.3 / 1.9 / 2.5
	l/min		78 / 114 / 150
	m ³ /h		4.68 / 6.84 / 9.00
Sound pressure level (1m)	dB(A)		54
Sound power level ⁶	dB(A)		65
Ambient temperature range	°C		-25 ~ 43
Heating water temperature range	°C		20 ~ 75
Cooling water temperature range	°C		7 ~ 25
Outdoor dimensions (W x D x H)	mm		1050x1170x1690
Net weight	kg		348
Indoor control unit			HLT CONTROL BOX
Power supply	V/Hz/Ph		220-240/50/1
Power cord	mm ²		3x1.5
Circuit breaker	A		C6
Indoor dimensions (W x D x H)	mm		390x135x480
Net weight	kg		10

1 Air temperature +7°C, 85% RH, water temperature +30/35°C.

2 Air temperature +7°C, 85% RH, water temperature +40/45°C.

3 Air temperature +35°C, water temperature +23/18°C.

4 Air temperature +35°C, water temperature +12/7°C.

5 Seasonal energy efficiency class tested in average climate general.

6 Tested according to the EN12102-1 standard.