

ECDH-MT COMMERCIAL HEAT PUMPS

SPECIFICATIONS	ECDH20 MT	ECDH35 MT	ECDH45 MT	ECDH55 MT	ECDH70 MT	ECDH90 MT
Heating capacity* (kW)	18	36.3	43.7	54.4	69.8	87.4
Coefficient of performance (COP)*	4.6	4.7	4.6	4.7	4.6	4.6
Rated heated water output* (l/h)	380	780	940	1170	1500	1880
Rated outlet water temperature* (°C)	60					
Rated current* (Amp)	7.4	14.8	17.9	22.0	28.9	35.8
Power supply (V/Ph/Hz)	380-415/3/50					
Rated power input (kW)	3.9	7.8	9.5	11.6	15.2	18.9
Maximum current (Amp)	12.8	22.2	26.2	33.0	43.4	53.7
Maximum power input (kW)	6.7	11.7	14.2	17.4	22.8	28.2
Compressor type	Scroll					
Number of compressors	1	2				
Refrigerant type	R417a (R407c on request)					
Noise level at 1 metre distance (dB)	62	63	63	66	68	68
Water connection size (Female) mm	25	32	40	40	50	50
Cabinet material	Powder coated galvanised steel (Stainless steel on request)					
Dimensions (w x dx h)	1110x530 x1260	1450x705 x1375	1450x705 x1375	1445x850 x1850	1990x980 x2045	1990x980 x2045
Net weight (kg)	137	276	305	380	552	586
Fan discharging	Horizontal	Vertical				
Number of fans	2					
Ambient operating temperature (°C)	-7 to 43					

*Test standard: Ambient temperature of 20/15°C (DB/WB)

Water inlet temperature of 15°C

All dimensions in mm, unless otherwise stated

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