

EESCO COOLING AND HEATING RANGE

SPECIFICATIONS



R 407 C REFRIGERANT (+45°C /+6°C)

		CH 60	CH 100	CH 135	CH 200	CH 275	CH 400	CH 600
Power Supply -400 V/ 3 PHASE	A	32	40	63	80	100	150	200
*Heating Capacity	kw	50	87	120	174	240	360	525
*Cooling Capacity	kw	40	70	97	140	195	292	423
Maximum Hot water temperature	°C	60	60	60	60	60	60	60
Minimum cold water temperature	°C	3	3	3	3	3	3	3
Maximum current draw (R.L.A)	A	20	30	42	60	85	125	185
Controller - Eliwel PLC	Model	AVD 6200	AVD 8400	AVD 8400	AVD 12600	AVD 12600	AVD 12600	AVD 12600
Oil pressure safety	Switch	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Electronic oil management	System	No	No	No	Yes	Yes	Yes	Yes
Liquid refrigerant receiver	L	30	40	50	60	80	100	150
Capacity Control	U/L	1 x U/L	1 x U/L	1 x U/L	2 x U/L	2 x U/L	3 x U/L	3 x U/L
*Running input power	kW	10.5	16.8	23.3	33.5	46.3	70	104
*C.O.P Heating		4.8	5.2	5.2	5.2	5.2	5.1	5.0
* C.O.P Cooling		3.8	4.2	4.2	4.2	4.2	4.2	4.1
** Hot water delivery rate	L/MIN	120	208	285	400	575	865	1250
**Cold water delivery rate	L/MIN	95	165	235	335	465	700	1000
Dimensions: L x W x Height	Meters	2.4 x 1 x1.8	2.4 x 1 x1.8	2.4 x 1 x1.8	3 x 1 x1.8	3 x 1 x1.8	3.6 x 1 x1.8	3.6 x 1 x1.8
Weight	Kg	342	385	415	465	650	960	1250
Compressor	Model	4PES-15Y	4HE-25Y	4FE-35Y	2 X 4HE-25Y	2 X 4FE-35Y	3 X 4FE-35Y	3 X 6FE-50Y
Heat Exchanger (Condenser)	Type	Brazen Plate						
Sub-Cooling Circuit - 20k	Type	Brazen Plate						
Water flow control	Type	Variable speed water pump						
Water Pump	Make	Wilo Stratos						
Evaporator - Water / Refrigerant	Type	Shell & Tube / Brazen Plate						
Evaporator Defrost	Type	Passive						
Expansion valves	Type	Electronic Danfoss						

**Test conditions: Evaporating @ +3°C / Condensing @ +43°C | Cold Water Inlet temperature @ 12°C and outlet @ 6°C | Hot Water Inlet temperature @ 34 °C and outlet @ 40°C