

EESCO STANDARD AIR EVAPORATOR HEAT PUMP RANGE



SPECIFICATIONS



R407C - STANDARD TEMPERATURE (+60°C)

		AE 60	AE 100	AE 135	AE 200	AE 275	AE 400	AE 600
Power Supply -400 V/ 3 PHASE	A	32	45	60	85	120	180	260
Heating Capacity @ 20°C ambient	kw	60	100	138	200	276	414	603
Heating Capacity @ 8°C ambient	kw	41	69	96	138	192	288	422
Max recommended Hot storage	KL	6	10	15	20	30	40	60
Maximum current draw (R.L.A)	A	30	45	60	85	120	180	260
Maximum water temperature	°C	60	60	60	60	60	60	60
Design optimum temperature	°C	56	56	56	56	56	56	56
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	40	50	60	80	100	120	160
Capacity Control - Unloaders	Qty	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 - Air coil	kW	16	24.2	33.2	47.1	66.6	98.5	143.3
**Operating C.O.P - Air Coil		3.8	4.1	4.2	4.2	4.1	4.2	4.2
** Hot water delivery rate	L/H	1450	2400	3300	4800	6500	9900	14400
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 x 1.8	3.6 x 1 x 1.8	3.6 x 1 x 1.8
Weight	Kg	342	385	415	465	650	960	1020
Compressor	Model	4PES-15Y	4HE -25Y	4FE -35Y	2 X 4HE-25Y	2 X 4FE-35Y	3 X 4FE-35Y	3 X 6 FE-50Y
Condenser / Heat Exchanger	Type	Brazen Plate						
Sub-Cooling Circuit - 20k	Type	Brazen Plate						
Water flow control	Type	Variable speed water pump						
Water Pump	Make	Wilo Stratos						
Evaporator - Stand alone #	Type	Air / refrigerant/ 8 fin/inch		Fully customizable - horizontal or vertical discharge / V-coil or flatbed - site related				
Evaporator Fans	Type	Axial 500mm / 630mm / EBM / Ziehl						
Expansion valves	Type	Electronic Danfoss						
#Evaporator Defrost	Type	Passive / ambient OR electrical Elements						

**Test conditions: ambient @ +20°C DB/15°C WB (Air Coil) | Water Inlet temperature @ 20°C and outlet @ 56°C