EESCO HIGH TEMPERATURE AIR EVAPORATOR HEAT PUMP RANGE

SPECIFICATIONS		R134 A - HIGH TEMPERATURE / (80°C)						
		AE 60H	AE 100 H	AE 135 H	AE 200 H	AE 275 H	AE 400 H	AE 600 H
Power Supply -400 V/ 3 PHASE	A	32	40	63	100	125	160	250
Heating Capacity @ 30°C ambient	kw	**63**	**100**	**139**	**200**	**278**	**417**	**603**
Heating Capacity @ 8°C ambient	kw	28	46	64	92	128	192	280
Max recommended Hot storage	KL	4	7	10	15	20	30	40
Maximum current draw	A	25	35	50	70	105	150	210
Maximum water temperature	°C	80	80	80	80	80	80	80
Design optimum temperature	°C	60	60	60	60	60	60	60
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 - Unloaders	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	13.2	19.7	27.2	38.1	57.2	84.4	117.2
*Operating C.O.P		**4.8**	**5.1**	**5.1**	**5.2**	**4.9**	**4.9**	**5.1**
* Hot water delivery rate	L/H	1 350	2 150	3 000	4 350	6 000	9 000	13 000
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 6FE-50Y
Heat Exchanger (Condenser)	Type	Brazed Plate						
Sub-Cooling Circuit - 20k	Type	Brazed 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 / vertical or horizontal discharge						
Evaporator Fans	Type	Axial 500mm / 630mm / EBM / Ziehl						
#Evaporator Defrost	Type	Passive / ambient OR electrical Elements						
Expansion valves	Type	Electronic / AKV						

**Test conditions: ambient @ +30°C DB/25°C WB (Air Coil) | Water Inlet temperature @ 15°C and outlet @ 65°C | *Evaporator configuration can be vertical/horizontal/V-coil/flatbed | Choice of passive or electrical defrost