



Part No.	Description
EE1500T	80,000 BTUs, 7.2 COP Heater, 230V/60 Hz, 1 Phase
EE2000T	112,000 BTUs, 6.4 COP Heater, 230V/60 Hz, 1 Phase
EE2000T--263	112,000 BTUs, 6.4 COP Heater, 230V/60 Hz, 3 Phase
EE2500T	120,000 BTUs, 6.4 COP Heater, 230V/60 Hz, 1 Phase
EE2500T--263	120,000 BTUs, 6.4 COP Heater, 230V/60 Hz, 3 Phase
EE2500T-R	120,000 BTUs, 6.3 COP Reverse (Heat/Cool), 230V/60 Hz, 1 Phase
EE2500T-R263	120,000 BTUs, 6.3 COP Reverse (Heat/Cool), 230V/60 Hz, 3 Phase
EE3000T	140,000 BTUs, 6.1 COP Heater, 230V/60 Hz, 1 Phase
EE3000T-R	140,000 BTUs, 6.1 COP Reverse (Heat/Cool), 230V/60 Hz, 1 Phase
EE3000T--263	140,000 BTUs, 6.1 COP Heater, 230V/60 Hz, 3 Phase
EE3000T-R263	140,000 BTUs, 6.1 COP Reverse (Heat/Cool), 230V/60 Hz, 3 Phase
EE3000DW	EE Heat Pumps Working Demo Unit 115V/60 Hz, 1 Phase

Specifications

Model Size	Dimensions						
	'A'	'B'	'C'	'D'	'E'	'F'	'G'
EE1500	26"	31"	7.25"	25"	21"	12"	35"
EE2000	33"	38"	10.75"	25"	22"	14"	41"
EE2500	33"	38"	10.75"	25"	22"	14"	41"
EE3000	33"	42"	10.75"	30"	26"	17"	41"

Side of heat pump	Heat Pump Clearances			
	Minimum clearances for operation		Recommended clearances for serviceability	
	Inches	cm	Inches	cm
Front	6	15	24	60
Rear	6	15	12	30
Left	6	15	12	30
Right	6	15	12	30
Top	60	150	60	150

Air Energy Heat Pump Technical Specifications

M DEL	EE1500T	EE2000T	EE2000T-2 3	EE2500T	EE2500T-R	EE2500T-2 3	EE2500T-R2 3	EE3000T	EE3000T-R	EE3000T-2 3	EE3000T-R2 3
Voltage	230/60/1	230/60/1	230/60/3	230/60/1	230/60/1	230/60/3	230/60/3	230/60/1	230/60/1	230/60/3	230/60/3
Output	80,000 BTUs	112,000 BTUs		120,000 BTUs				140,000 BTUs			
Input	3.25 kW	5.12 kW		5.6 kW				6.8 kW			
Cop	7.2	6.4		6.3				6.1			
Output, standard rating conditions	67,000 BTUs	102,000 BTUs		111,000 BTUs				132,000 BTUs			
Cop, standard rating conditions	6.0	5.8		5.8				5.8			
Output, low ambient	50,000 BTUs	65,000 BTUs		76,000 BTUs				100,000 BTUs			
Cop, low ambient	4.1	4.1		4.0				4.0			
Minimum circuit ampacity	28-	37-	27-	37-	32-	37-	32-	37-	37-	36-	36-
Maximum over current protection	45-	60-	45-	60-	50-	60-	50-	60-	60-	60-	60-
Heat exchanger	Titanium										
Compressor	40 Scroll	61 Scroll		68 Scroll				83 Scroll			
Capacitor	-BS										
Refrigerant	64 oz. R410-	78 oz. R410-		100 oz. R410-	100 oz. R410-	100 oz. R410-	100 oz. R410-	114 oz. R410-	124 oz. R410-	114 oz. R410-	124 oz. R410-
Refrigerant high pressure alarm	585 PS (reset to 445 PS)										
Refrigerant low pressure alarm heating units	58 PS (reset to 127 PS)										
Refrigerant low pressure alarm reverse units	35 PS (reset to 74 PS)										
Low water low alarm	30 P										
Maximum height above water level	5 ft. above pool level										
Minimum height above water level	11 ft. above pool level										
Optimal water flow	60 P										
Minimum water flow	30 P										
Maximum water flow	125 P										
Operating temperature	2060 C			4120 C							
Water temperature differential (Delta T)	-dustable between 1 to 5										
Union size	2										
Weight	225 lbs.			325 lbs.							
Sound pressure per ISO 3471	58.7 dBa										
Water pressure switch	-dustable between 15 psi, factory setting 2.5 psi										
Maximum height above water level	-dust (increase) 1 PS for every 3 ft. above pool water level. installed 7 ft. above pool level, replace the water pressure switch with 2-22 PS switch R0475500										

Chiller Specifications

	EE2500T-R	EE2500T-R2 3	EE3000T-R	EE3000T-R2 3
Output chiller	71,000	71,000	54,000	54,000
Input chiller	6.7 kW	6.7 kW	7.1 kW	7.1 kW
Cop chiller	3.01	3.01	2.22	2.22
Output chiller	87,000	87,000	60,000	60,000
Input chiller	7.4 kW	7.4 kW	7.3 kW	7.3 kW
Cop chiller	3.46	3.46	2.4	2.4

Test Conditions 80 °F, 80 RH, 80 Water, Outside the scope of ISO Standard 1160

Rated in accordance with ISO Standard 1160

Maximum Over Current Protection refers to the maximum breaker size allowed. This value is not a standard breaker size, use the next smallest standard size breaker. The breaker size must not be smaller than the minimum Circuit Ampacity value.

Test Conditions Chiller mode, 60 °F, 50 RH, 80 Water, Outside the scope of ISO Standard 1160

Test Conditions Chiller mode, 60 °F, 50 RH, 50 Water, Outside the scope of ISO Standard 1160

Water Pipe Heater Connection

Plastic	2" PVC Unions included
Flow Rate Maximum Minimum	125 gpm (475 lpm) 60 gpm (230 lpm) 30 gpm (110 lpm)
Maximum Operating Water Pressure	75 psi
Electrical Supply Voltage Requirements 1-Phase 3-Phase	230 V-C 60Hz 230 V-C 60Hz (model dependent)
Maximum Operating Refrigerant Pressure	585 PS