Ecoer RTi 2 Specifications

Up to 19 SEER2 / 9.5 HSPF2 R-454B VARIABLE SPEED

Contents

Features

1. High Efficiency - Up to 18.5 SEER2 / 9.2 HSPF2.
2. Fully modulating inverter drive.
3. Wide cooling operational range from 20°Fto 125°F.
4. Backup running technology to keep the system working even with malfunctioning sensors.
5. With Ecoer Smart IoT Gateway, the system can automatically monitor and diagnose the operation data to predict possible faults and send alerts to service providers.
6. Sound level as low as 65 dB (A).

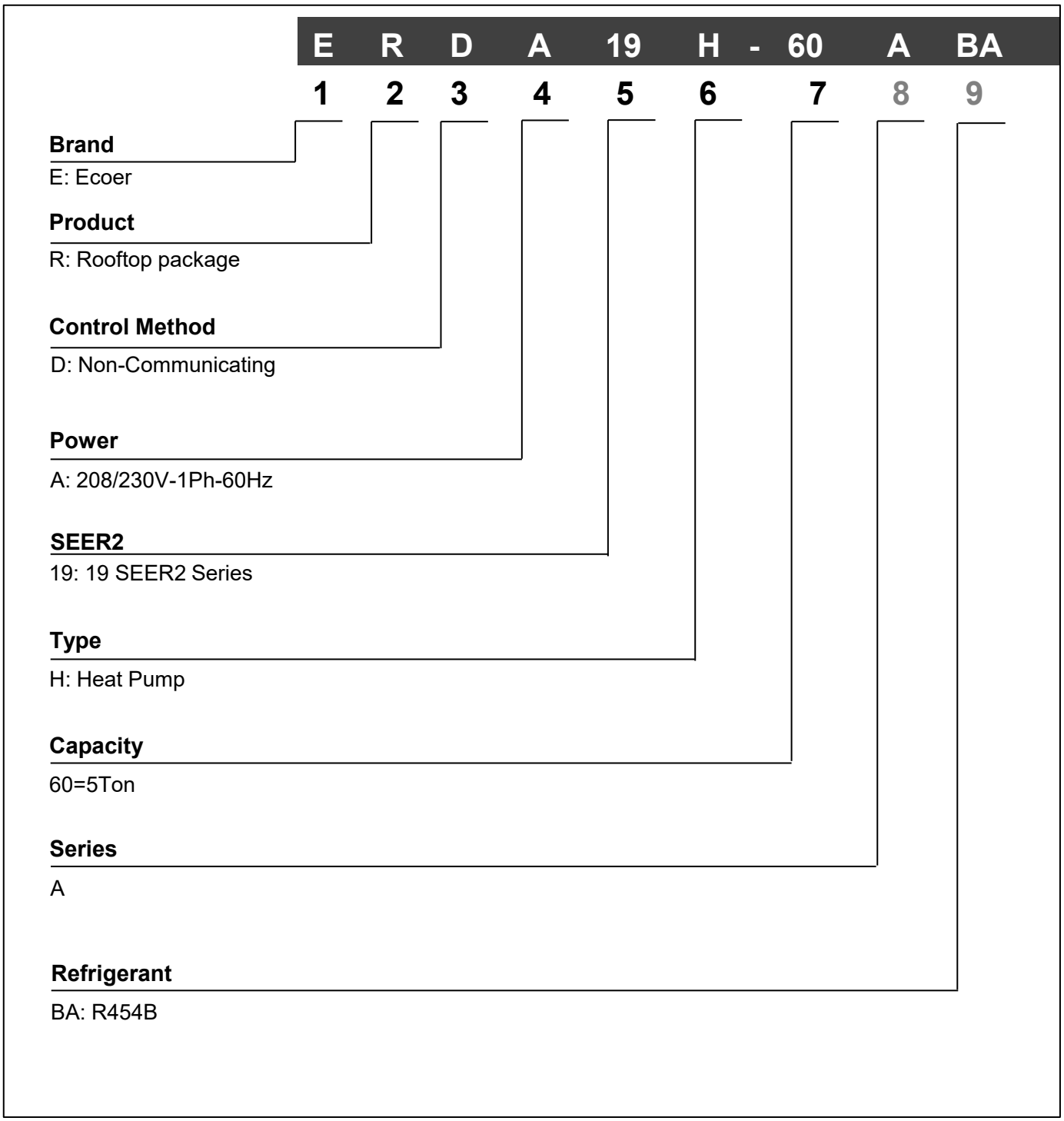
Ecoer IoT Features

1. 24/7 monitoring service (Up to 2 months history data on ESS Pro App).
2. Diagnostic and alerts service.
3. ESS Pro App reminds dealers and homeowners of valuable service such as refrigerant leakage or shortage etc.

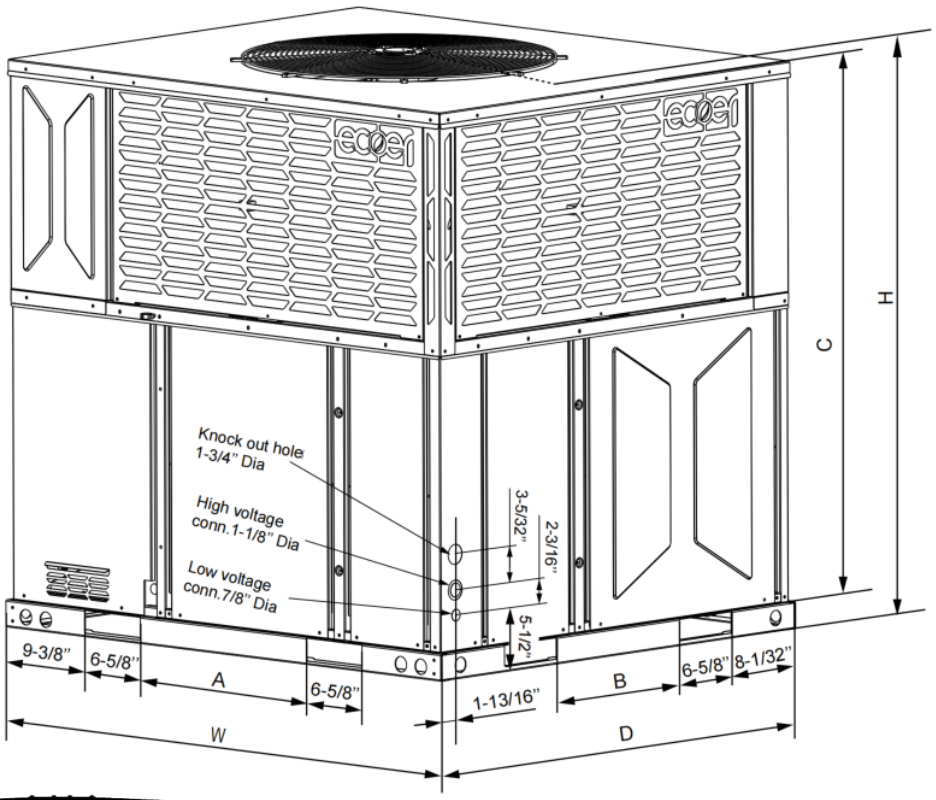
AHRI CERTIFIED® www.ahridirectory.org Unitary Small HP AHRI Standard 210/240

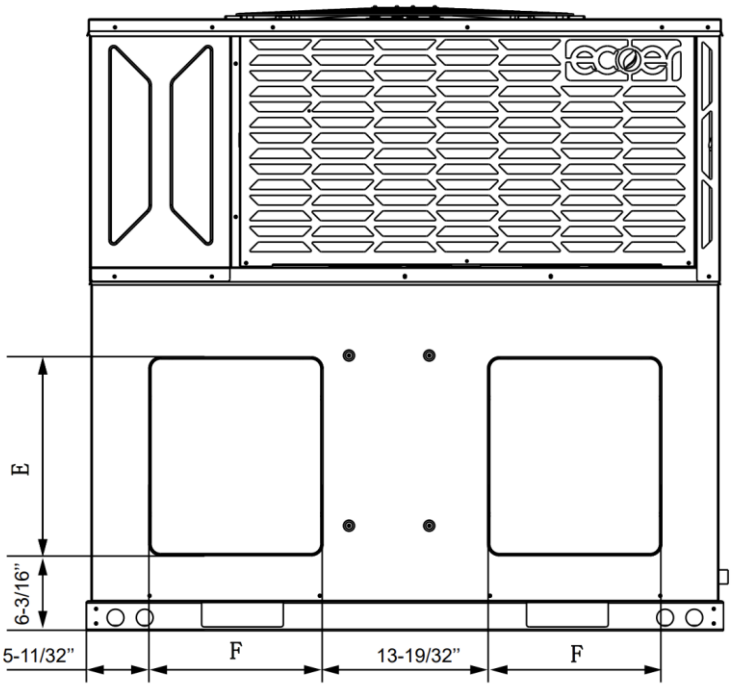
Intertek

1. Nomenclature

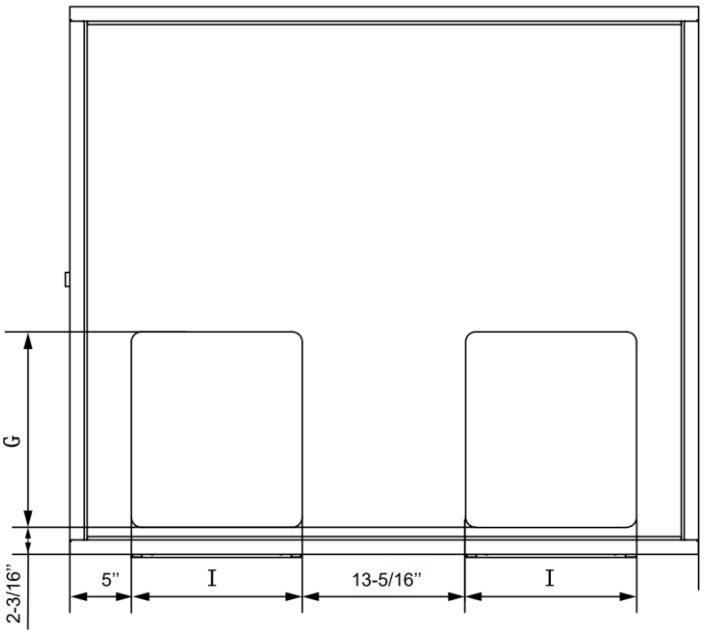


2. Dimensions



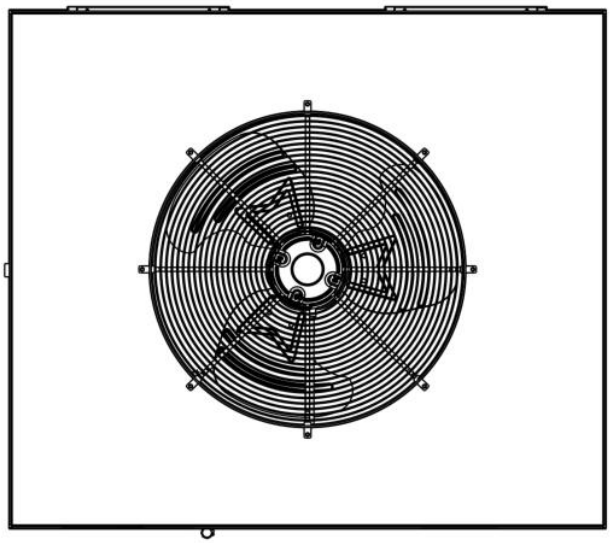


Back view

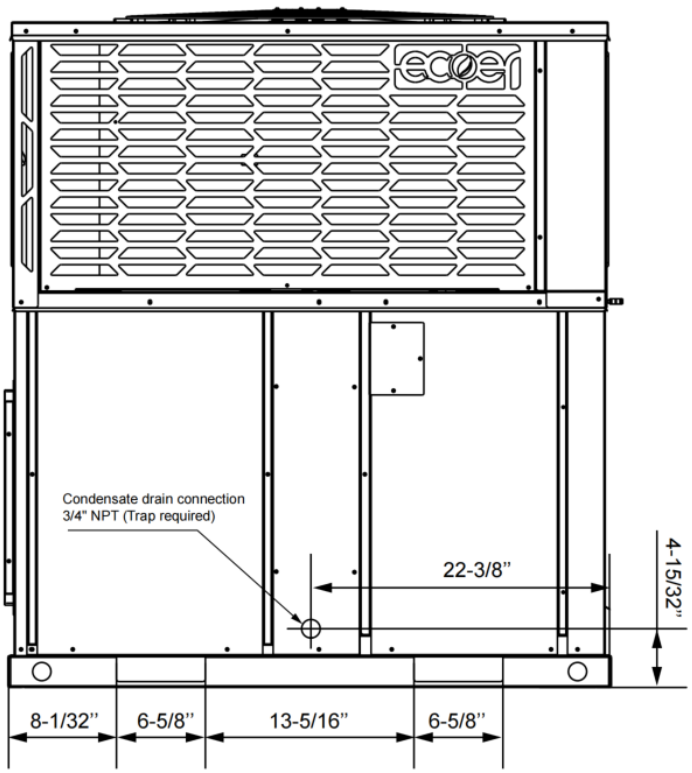


Bottom view

Model	Dimensions (In. [mm])									
	H	W	D	A	B	C	E	F	G	I
60	50-19/32 [1285]	51-19/32 [1310]	44-7/8 [1140]	19-11/16 [500]	15-1/2 [394]	47-11/64 [1198]	15-27/32 [402]	13-13/16 [352]	16-3/32 [409]	14-3/32 [358]

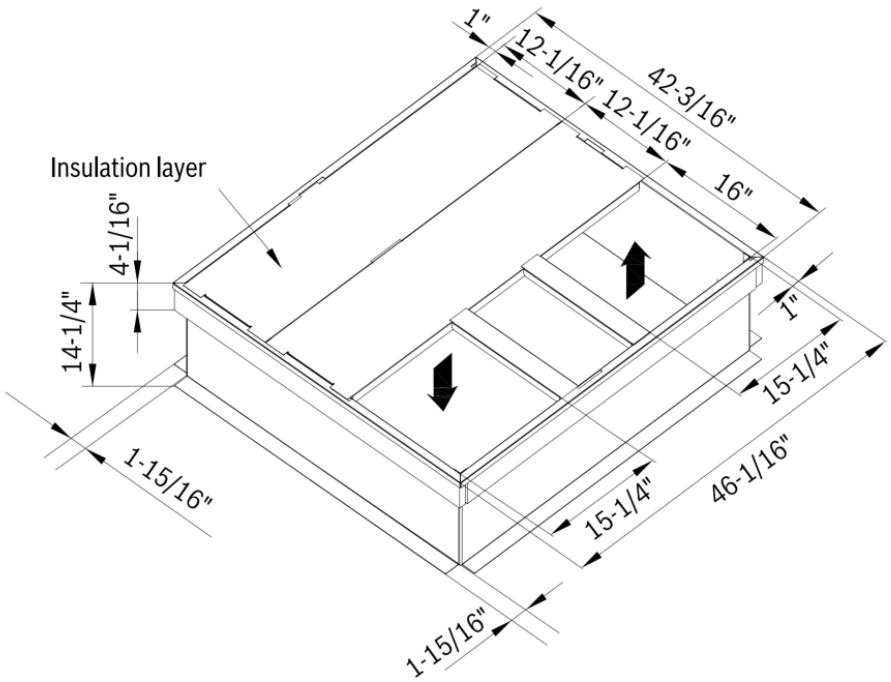


Top view



Left side view

The manufacturer does not supply roof curbs, they must be field supplied.
Ecoer recommended 5T roof curb dimensions are shown below:



5T Roof Curb Dimensions

3. Product Data

Model	ERDA19H-60ABA
Capacity [1]	
Cooling (BTU/h)	56000
Heating (BTU/h)	56000
Operation limit	
Cooling operation range [2]	20~125°F
Heating operation range [3]	-22~86°F
Compressor	
RLA	24.0
LRA	58.1
Outdoor Fan Motor	
Horsepower (HP)	1/3
FLA	2.5
Motor speed (RPM)	1050
Fan airflow (CFM)	3700
Indoor Fan Motor	
Horsepower (HP)	1
FLA	2.5
Motor speed (RPM)	1050
Fan airflow (CFM)	1700
Metering Device	EEV
Electrical Data	
Voltage-Phase-Hz	208/230-1-60
Minimum Circuit Ampacity [4]	38.5
Max. Over-current Protection [5]	50
Allowed Volts Range	187~253
Condenser Decibels (dB) [6]	65~75
Dimension	
Dimension (W*H*D) (in.)	51-19/32 X 50-19/32 X 44-7/8
packing (W*H*D) (in.)	52-3/8 X 51-19/32 X 45-11/16
Weight	
Net Weight (lbs)	606
Ship Weight (lbs) [7]	640

REMARKS:

1. Tested and rated in accordance with AHRI Standard 210/240-2023.
2. It's not recommended to run cooling when the ambient temperature is below 20°F.
3. The heating operating range can lower down to -22°F by field setting.
4. Wire size should be determined in accordance with National Electrical Codes.
5. Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.
6. It may vary based on the actual installation status.
7. Weight shown includes packaging.

4. Blower Data

Indoor airflow data is based on cooling performance at 230V with no electric heater and no filter. Airflow at 208V is approximately the same as 230V because the multi-tap ECM motor is a constant torque motor. The torque doesn't drop off at the speeds in which the motor operates.

Check the performance table for appropriate unit size selection. External static pressure should stay within the minimum and maximum limits shown in the table below in order to ensure proper airflow.

Airflow motor speed mode setting (SW1-1)					Variable airflow mode (Default)			2-stage airflow mode		Max available Static Pressure (in wc)	Remark
Model	Airflow setting	Airflow Dip-Switch			Max Airflow (CFM)	/ (CFM)	Min Airflow (CFM)	High Airflow (CFM)	Low Airflow (CFM)		
		SW2-1	SW2-2	SW2-3	W1/W2*	G*	/	Y2/W1/ W2**	Y1/G**		
ERDA19 H-60ABA	Airflow 1	0	0	0	1650	1155	660	1650	1155	1.2	
	Airflow 2	0	0	1	1700	1190	680	1700	1190	1.2	
	Airflow 3	0	1	0	1750	1225	700	1750	1225	1.2	Default
	Airflow 4	0	1	1	1800	1260	720	1800	1260	1.2	

*In Variable airflow mode, when the heat pump is operational, the airflow will adjust automatically. When the auxiliary heat (W1/W2) is activated, the system will run at maximum airflow. However, when only the blower is operating (G), the airflow will be fixed.

**In 2-stage airflow mode, the airflow will adjust according to the settings of the stages.

5. Electric Heater Kit

OPTIONAL HEATER CIRCUIT(without units)									
HEATER KIT MODEL	NOMINAL POWER(kW)	POWER(kW)		HEATER AMPS		MIN. CIRCUIT AMPS		MAX FUSE OR BREAKER (HACR' AMPS	
	240 V	230 V	208V	230 V	208V	230 V	208V	230 V	208V
EHK-05J	5	4.6	3.8	20.8	18.1	27	23	30	25
EHK-08J	7.5	6.9	5.6	31.3	27.1	40	34	40	35
EHK-10J	10	9.2	7.5	41.7	36.2	53	46	60	50
EHK-15J	15	9.2+4.6	7.5+3.8	41.7+20.8	36.2+18.1	53+27	46+23	60+30	50+25
EHK-20J	20	9.2+9.2	7.5+7.5	41.7+41.7	36.2+36.2	53+53	46+46	60+60	50+50

6. Performance Sheet

COOLING-5TON

Indoor Airflow (CFM)	Outdoor	IWB(° F)	59				63				67				71			
	DB(° F)	IDB(° F)	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
900	65	TC	35.5	37.1	38.7	40.4	40.9	41.8	42.8	43.7	46.0	46.2	46.5	46.8	-	53.4	53.7	53.9
		S/T	0.52	0.64	0.71	0.77	0.42	0.53	0.62	0.69	0.33	0.43	0.53	0.61	-	0.34	0.44	0.53
		kW	1.73	1.83	1.92	2.02	2.05	2.11	2.17	2.23	2.37	2.39	2.41	2.43	-	2.87	2.89	2.90
	75	TC	34.6	36.1	37.7	39.3	40.5	40.8	41.0	41.2	44.8	45.1	45.3	45.6	-	52.0	52.3	52.6
		S/T	0.54	0.66	0.73	0.79	0.43	0.54	0.63	0.71	0.34	0.44	0.54	0.63	-	0.35	0.45	0.54
		kW	1.99	2.09	2.20	2.31	2.40	2.42	2.44	2.45	2.72	2.74	2.75	2.78	-	3.28	3.30	3.33
	85	TC	33.7	35.2	36.7	38.3	39.5	39.7	39.9	40.1	43.6	43.9	44.1	44.4	-	50.6	50.9	51.2
		S/T	0.55	0.68	0.74	0.82	0.44	0.55	0.65	0.73	0.34	0.46	0.56	0.64	-	0.36	0.47	0.56
		kW	2.29	2.41	2.53	2.66	2.76	2.78	2.79	2.81	3.11	3.14	3.16	3.19	-	3.75	3.78	3.81
	95	TC	32.8	34.2	35.7	37.3	37.8	38.6	39.5	40.4	42.4	42.7	42.9	43.2	-	49.2	49.5	49.8
		S/T	0.57	0.70	0.77	0.82	0.46	0.57	0.67	0.75	0.35	0.47	0.57	0.66	-	0.37	0.48	0.57
		kW	2.68	2.81	2.96	3.11	3.16	3.24	3.34	3.43	3.64	3.67	3.69	3.72	-	4.38	4.41	4.45
	105	TC	31.9	33.3	34.7	36.2	35.6	36.4	37.2	38.1	39.2	39.4	39.6	39.8	-	44.5	44.7	45.0
		S/T	0.58	0.72	0.79	0.82	0.47	0.59	0.69	0.77	0.36	0.48	0.59	0.68	-	0.38	0.49	0.59
		kW	3.00	3.15	3.31	3.47	3.41	3.50	3.59	3.69	3.82	3.85	3.87	3.89	-	4.46	4.49	4.53
	115	TC	30.1	31.4	32.7	34.1	33.2	34.0	34.7	35.5	36.6	36.8	37.0	37.2	-	41.5	41.7	42.0
		S/T	0.60	0.74	0.81	0.82	0.48	0.60	0.71	0.80	0.37	0.50	0.61	0.70	-	0.39	0.51	0.61
		kW	3.23	3.39	3.55	3.73	3.61	3.72	3.81	3.91	4.05	4.08	4.11	4.13	-	4.72	4.74	4.79
	125	TC	27.1	28.3	29.5	30.8	27.2	27.8	28.5	29.1	26.6	26.8	26.9	27.1	-	25.9	26.0	26.1
		S/T	0.62	0.76	0.82	0.82	0.50	0.62	0.73	0.82	0.39	0.51	0.63	0.72	-	0.41	0.52	0.63
		kW	3.28	3.44	3.61	3.79	3.29	3.38	3.47	3.56	3.21	3.24	3.25	3.28	-	3.12	3.13	3.15
1200	65	TC	39.9	41.6	43.4	45.3	45.9	46.9	48.0	49.1	51.6	51.9	52.2	52.5	-	59.9	60.2	60.5
		S/T	0.57	0.70	0.77	0.84	0.46	0.57	0.67	0.76	0.36	0.47	0.58	0.67	-	0.37	0.48	0.58
		kW	1.96	2.07	2.18	2.30	2.33	2.40	2.47	2.54	2.71	2.73	2.75	2.77	-	3.28	3.31	3.33
	75	TC	38.9	40.5	42.3	44.1	44.7	45.7	46.8	47.8	50.3	50.5	50.8	51.1	-	58.3	58.7	59.0
		S/T	0.58	0.72	0.79	0.87	0.47	0.59	0.69	0.78	0.37	0.48	0.59	0.68	-	0.38	0.49	0.59
		kW	2.25	2.37	2.50	2.63	2.67	2.75	2.83	2.90	3.10	3.11	3.14	3.16	-	3.75	3.78	3.81
	85	TC	37.8	39.5	41.2	43.0	43.5	44.5	45.5	46.6	48.9	49.2	49.5	49.8	-	56.8	57.1	57.4
		S/T	0.60	0.74	0.81	0.89	0.48	0.60	0.71	0.80	0.38	0.50	0.61	0.70	-	0.39	0.51	0.61
		kW	2.58	2.72	2.86	3.02	3.06	3.15	3.24	3.34	3.54	3.57	3.60	3.63	-	4.29	4.32	4.35
	95	TC	36.8	38.4	40.1	41.8	42.4	43.3	44.3	45.3	47.6	47.9	48.2	48.4	-	55.3	55.6	55.9
		S/T	0.62	0.76	0.83	0.89	0.50	0.62	0.73	0.82	0.39	0.51	0.63	0.72	-	0.40	0.52	0.62
		kW	3.02	3.18	3.35	3.52	3.58	3.68	3.78	3.89	4.14	4.17	4.20	4.23	-	5.01	5.05	5.08
	105	TC	35.8	37.3	39.0	40.6	39.9	40.8	41.8	42.7	44.0	44.2	44.4	44.7	-	49.9	50.2	50.5
		S/T	0.63	0.78	0.86	0.89	0.51	0.64	0.75	0.84	0.40	0.53	0.64	0.74	-	0.42	0.54	0.64
		kW	3.38	3.55	3.74	3.93	3.85	3.96	4.07	4.18	4.34	4.36	4.39	4.43	-	5.08	5.12	5.16
	115	TC	33.0	34.5	35.9	37.5	36.5	37.3	38.2	39.0	40.2	40.4	40.6	40.8	-	45.6	45.9	46.1
		S/T	0.65	0.80	0.88	0.89	0.53	0.66	0.77	0.87	0.41	0.54	0.66	0.77	-	0.43	0.55	0.66
		kW	3.54	3.73	3.90	4.11	3.98	4.09	4.21	4.31	4.47	4.50	4.53	4.55	-	5.22	5.27	5.29
	125	TC	29.1	30.4	31.7	33.1	29.2	29.9	30.6	31.3	28.6	28.7	28.9	29.1	-	27.8	27.9	28.1
		S/T	0.67	0.83	0.89	0.89	0.54	0.68	0.80	0.89	0.42	0.56	0.68	0.79	-	0.44	0.57	0.68
		kW	3.50	3.68	3.87	4.06	3.52	3.61	3.71	3.81	3.44	3.45	3.48	3.50	-	3.33	3.34	3.37
1500	65	TC	43.6	45.5	47.5	49.5	50.2	51.3	52.5	53.6	56.4	56.7	57.0	57.4	-	65.4	65.8	66.2
		S/T	0.61	0.75	0.82	0.90	0.49	0.61	0.72	0.81	0.38	0.50	0.62	0.71	-	0.40	0.51	0.62
		kW	2.17	2.28	2.41	2.54	2.58	2.66	2.74	2.81	3.00	3.02	3.04	3.07	-	3.65	3.68	3.71
	75	TC	42.5	44.3	46.2	48.2	48.9	50.0	51.1	52.3	55.0	55.3	55.6	55.9	-	63.8	64.1	64.5
		S/T	0.62	0.77	0.85	0.93	0.50	0.63	0.74	0.83	0.39	0.52	0.63	0.73	-	0.41	0.53	0.63
		kW	2.48	2.61	2.75	2.90	2.96	3.04	3.13	3.22	3.43	3.46	3.48	3.51	-	4.17	4.20	4.24
	85	TC	41.4	43.2	45.0	47.0	47.6	48.7	49.8	50.9	53.5	53.8	54.1	54.4	-	62.1	62.4	62.8
		S/T	0.64	0.79	0.87	0.95	0.52	0.65	0.76	0.85	0.40	0.53	0.65	0.75	-	0.42	0.54	0.65
		kW	2.85	3.00	3.16	3.33	3.39	3.49	3.59	3.69	3.93	3.96	3.99	4.01	-	4.77	4.80	4.85
	95	TC	40.3	42.0	43.8	45.7	46.3	47.4	48.4	49.5	52.1	52.4	52.7	52.9	-	60.4	60.8	61.1
		S/T	0.66	0.81	0.89	0.95	0.53	0.66	0.78	0.88	0.41	0.55	0.67	0.77	-	0.43	0.56	0.67
		kW	3.33	3.50	3.69	3.89	3.95	4.07	4.18	4.30	4.59	4.62	4.66	4.68	-	5.56	5.61	5.65
	105	TC	39.1	40.8	42.6	44.4	44.1	45.1	46.1	47.1	48.5	48.8	49.1	49.4	-	55.1	55.4	55.7
		S/T	0.68	0.83	0.92	0.95	0.55	0.68	0.80	0.90	0.42	0.56	0.69	0.79	-	0.45	0.57	0.69
		kW	3.71	3.91	4.12	4.34	4.30	4.42	4.55	4.67	4.85	4.88	4.92	4.96	-	5.70	5.74	5.79
	115	TC	35.7	37.3	38.9	40.6	39.5	40.4	41.3	42.2	43.4	43.7	43.9	44.2	-	49.3	49.6	49.9
		S/T	0.70	0.86	0.94	0.95	0.56	0.70	0.83	0.93	0.44	0.58	0.71	0.82	-	0.46	0.59	0.71
		kW	3.84	4.04	4.25	4.48	4.33	4.45	4.57	4.69	4.86	4.90	4.93	4.97	-	5.70	5.74	5.78
	125	TC	31.1	32.5	33.9	35.4	31.3	32.0	32.7	33.4	30.6	30.7	30.9	31.1	-	29.7	29.9	30.0
		S/T	0.72	0.88	0.95	0.95	0.58	0.72	0.85	0.95	0.45	0.60	0.73	0.84	-	0.47	0.61	0.73
		kW	3.74	3.94	4.13	4.35	3.77	3.86	3.96	4.06	3.67	3.68	3.71	3.74	-	3.55	3.57	3.59

TC: Total capacity (MBH) **S/T:** Sensible heat ratio

6. Performance Sheet

COOLING-5TON

Indoor Airflow (CFM)	Outdoor	IWB(° F)	59				63				67				71			
	DB(° F)	IDB(° F)	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
1750	65	TC	46.4	48.4	50.5	52.7	53.4	54.6	55.8	57.1	60.0	60.3	60.7	61.0	-	69.6	70.0	70.4
		S/T	0.64	0.78	0.86	0.95	0.51	0.64	0.75	0.85	0.40	0.53	0.65	0.75	-	0.42	0.54	0.65
		kW	2.32	2.45	2.58	2.73	2.77	2.86	2.94	3.03	3.23	3.25	3.28	3.30	-	3.94	3.97	4.00
	75	TC	45.2	47.1	49.2	51.3	52.0	53.2	54.4	55.6	58.5	58.8	59.1	59.4	-	67.8	68.2	68.6
		S/T	0.65	0.80	0.89	0.97	0.53	0.66	0.77	0.87	0.41	0.54	0.66	0.77	-	0.43	0.55	0.66
		kW	2.66	2.80	2.96	3.12	3.17	3.27	3.36	3.46	3.69	3.72	3.74	3.77	-	4.49	4.53	4.57
	85	TC	44.0	45.9	47.9	50.0	50.6	51.8	52.9	54.1	56.9	57.2	57.6	57.9	-	66.0	66.4	66.8
		S/T	0.67	0.83	0.91	1.00	0.54	0.68	0.80	0.89	0.42	0.56	0.68	0.79	-	0.44	0.57	0.68
		kW	3.05	3.21	3.39	3.58	3.63	3.74	3.84	3.96	4.22	4.25	4.29	4.32	-	5.14	5.18	5.22
	95	TC	42.8	44.7	46.6	48.6	49.3	50.4	51.5	52.7	55.4	55.7	56.0	56.3	-	61.7	62.0	62.4
		S/T	0.69	0.85	0.93	1.00	0.56	0.70	0.82	0.92	0.43	0.57	0.70	0.81	-	0.45	0.58	0.70
		kW	3.56	3.75	3.95	4.17	4.25	4.37	4.49	4.62	4.93	4.96	5.00	5.03	-	5.68	5.71	5.76
	105	TC	41.6	43.4	45.3	47.3	47.4	48.4	49.5	50.6	52.1	52.4	52.7	53.0	-	59.2	59.5	59.9
		S/T	0.71	0.87	0.96	1.00	0.57	0.72	0.84	0.94	0.44	0.59	0.72	0.83	-	0.47	0.60	0.72
		kW	3.97	4.19	4.41	4.66	4.67	4.80	4.93	5.07	5.27	5.31	5.34	5.38	-	6.22	6.26	6.31
	115	TC	37.6	39.2	40.9	42.7	41.5	42.5	43.4	44.4	45.7	46.0	46.2	46.5	-	51.9	52.2	52.5
		S/T	0.73	0.90	0.99	1.00	0.59	0.74	0.87	0.97	0.46	0.61	0.74	0.86	-	0.48	0.62	0.74
		kW	4.05	4.26	4.48	4.72	4.56	4.70	4.82	4.96	5.14	5.18	5.21	5.25	-	6.03	6.08	6.12
	125	TC	32.4	33.8	35.2	36.8	32.5	33.2	34.0	34.7	31.8	31.9	32.1	32.3	-	30.9	31.0	31.2
		S/T	0.75	0.93	1.00	1.00	0.61	0.76	0.89	1.00	0.47	0.62	0.76	0.88	-	0.49	0.64	0.76
		kW	3.89	4.09	4.29	4.52	3.90	4.00	4.12	4.22	3.81	3.82	3.85	3.88	-	3.68	3.70	3.72
1900	65	TC	47.9	50.0	52.2	54.4	55.2	56.4	57.7	59.0	62.0	62.3	62.7	63.0	-	71.9	72.3	72.7
		S/T	0.65	0.80	0.88	0.97	0.53	0.66	0.77	0.87	0.41	0.54	0.66	0.77	-	0.43	0.55	0.66
		kW	2.41	2.54	2.68	2.83	2.88	2.97	3.06	3.15	3.36	3.38	3.41	3.43	-	4.10	4.13	4.16
	75	TC	46.7	48.7	50.8	53.0	53.7	55.0	56.2	57.5	60.4	60.7	61.1	61.4	-	70.1	70.5	70.9
		S/T	0.67	0.82	0.91	0.99	0.54	0.68	0.79	0.89	0.42	0.56	0.68	0.79	-	0.44	0.57	0.68
		kW	2.76	2.91	3.07	3.24	3.29	3.39	3.49	3.60	3.84	3.86	3.90	3.92	-	4.68	4.72	4.76
	85	TC	45.5	47.4	49.5	51.6	52.3	53.5	54.7	55.9	58.8	59.1	59.5	59.8	-	68.2	68.6	69.0
		S/T	0.69	0.85	0.93	1.02	0.55	0.69	0.82	0.91	0.43	0.57	0.70	0.81	-	0.45	0.58	0.70
		kW	3.16	3.33	3.52	3.71	3.77	3.88	4.00	4.11	4.39	4.42	4.46	4.49	-	5.35	5.39	5.43
	95	TC	44.2	46.2	48.2	50.2	50.9	52.1	53.2	54.4	57.2	57.6	57.9	58.2	-	63.7	64.1	64.5
		S/T	0.71	0.87	0.96	1.02	0.57	0.71	0.84	0.94	0.44	0.59	0.72	0.83	-	0.46	0.60	0.72
		kW	3.69	3.90	4.11	4.33	4.40	4.54	4.66	4.79	5.12	5.16	5.20	5.23	-	5.90	5.95	6.00
	105	TC	43.0	44.9	46.8	48.8	48.9	50.0	51.2	52.3	53.9	54.2	54.5	54.8	-	61.2	61.5	61.9
		S/T	0.73	0.90	0.99	1.02	0.59	0.73	0.86	0.97	0.46	0.60	0.74	0.85	-	0.48	0.62	0.74
		kW	4.12	4.35	4.58	4.83	4.84	4.98	5.13	5.27	5.48	5.52	5.56	5.60	-	6.47	6.51	6.57
	115	TC	38.9	40.5	42.3	44.1	42.9	43.9	44.9	45.9	47.3	47.5	47.8	48.0	-	53.7	54.0	54.3
		S/T	0.75	0.92	1.01	1.02	0.60	0.76	0.89	1.00	0.47	0.62	0.76	0.88	-	0.49	0.63	0.76
		kW	4.20	4.41	4.65	4.90	4.73	4.87	5.01	5.15	5.34	5.37	5.41	5.44	-	6.28	6.32	6.37
	125	TC	33.1	34.5	36.0	37.5	33.2	33.9	34.7	35.5	32.4	32.6	32.8	33.0	-	31.5	31.7	31.9
		S/T	0.77	0.95	1.02	1.02	0.62	0.78	0.91	1.02	0.48	0.64	0.78	0.90	-	0.51	0.65	0.78
		kW	3.97	4.17	4.39	4.60	3.99	4.09	4.20	4.31	3.87	3.90	3.93	3.96	-	3.75	3.78	3.81

HEATING-5TON

INDOOR AIR		OUTDOOR AMBIENT TEMPERATURE(° F)																							
		-4			7			17			27			37			47			57			67		
IDB(° F)	CFM	MBh	kw	COP	MBh	kw	COP	MBh	kw	COP	MBh	kw	COP	MBh	kw	COP	MBh	kw	COP	MBh	kw	COP	MBh	kw	COP
65	900	31.2	5.83	1.57	37.4	5.85	1.87	42.0	5.27	2.34	45.6	5.01	2.67	50.9	4.75	3.14	51.9	4.43	3.43	51.9	4.05	3.76	51.9	3.65	4.17
	1200	34.0	6.39	1.56	40.8	6.40	1.87	45.8	5.77	2.33	49.7	5.49	2.65	55.5	5.20	3.13	56.6	4.86	3.41	56.6	4.44	3.74	56.6	3.99	4.16
	1500	36.3	6.84	1.56	43.6	6.85	1.87	48.9	6.18	2.32	53.1	5.88	2.65	59.3	5.57	3.12	60.5	5.20	3.41	60.5	4.75	3.73	60.5	4.28	4.14
	1750	38.0	7.17	1.55	45.7	7.19	1.86	51.3	6.48	2.32	55.6	6.16	2.65	62.1	5.84	3.12	63.4	5.45	3.41	63.4	4.98	3.73	63.4	4.48	4.15
	1900	39.0	7.35	1.56	46.9	7.37	1.87	52.5	6.64	2.32	57.0	6.31	2.65	63.7	5.99	3.12	65.0	5.59	3.41	65.0	5.10	3.74	65.0	4.59	4.15
70	900	27.5	5.06	1.59	33.1	5.07	1.91	37.1	4.57	2.38	40.3	4.35	2.72	45.0	4.12	3.20	45.9	3.85	3.49	45.9	3.51	3.83	45.9	3.16	4.26
	1200	30.0	5.52	1.59	36.1	5.53	1.91	40.4	4.99	2.37	43.9	4.74	2.71	49.0	4.49	3.20	50.0	4.20	3.49	50.0	3.83	3.83	50.0	3.45	4.25
	1500	32.1	5.90	1.59	38.6	5.91	1.91	43.2	5.33	2.38	47.0	5.07	2.72	52.4	4.81	3.19	53.5	4.49	3.49	53.5	4.10	3.82	53.5	3.69	4.25
	1750	33.6	6.17	1.60	40.4	6.18	1.92	45.3	5.57	2.38	49.2	5.30	2.72	54.9	5.02	3.21	56.0	4.69	3.50	56.0	4.28	3.83	56.0	3.86	4.25
	1900	34.5	6.32	1.60	41.4	6.33	1.92	46.4	5.70	2.39	50.4	5.42	2.73	56.3	5.14	3.21	57.4	4.80	3.50	57.4	4.38	3.84	57.4	3.95	4.26
75	900	23.9	4.32	1.62	28.7	4.33	1.94	32.2	3.90	2.42	35.0	3.71	2.76	39.1	3.52	3.26	39.8	3.28	3.56	39.8	3.00	3.89	39.8	2.70	4.32
	1200	26.1	4.70	1.63	31.3	4.71	1.95	35.1	4.24	2.43	38.1	4.03	2.77	42.6	3.82	3.27	43.4	3.57	3.56	43.4	3.26	3.90	43.4	2.94	4.33
	1500	27.9	5.00	1.64	33.5	5.01	1.96	37.6	4.52	2.44	40.8	4.30	2.78	45.5	4.07	3.28	46.4	3.80	3.58	46.4	3.47	3.92	46.4	3.13	4.34
	1750	29.2	5.22	1.64	35.1	5.23	1.97	39.3	4.72	2.44	42.7	4.49	2.79	47.7	4.25	3.29	48.6	3.97	3.59	48.6	3.63	3.92	48.6	3.26	4.37
	1900	29.9	5.34	1.64	36.0	5.35	1.97	40.3	4.82	2.45	43.8	4.59	2.80	48.9	4.35	3.29	49.8	4.06	3.59	49.8	3.71	3.93	49.8	3.34	4.37

TC: Total capacity (MBH) **S/T:** Sensible heat ratio

4040 McDermott Road, Suite 200
Plano, Texas 75024

Tel: 703-348-2538

www.ecoer.com