



## Ecoer TDi Select 2 Specifications

Up to 18.5 SEER2 / 8.8 HSPF2 / 12 EER2

R-32 VARIABLE SPEED

IoT TECHNOLOGY



### Contents

- 1. Nomenclature----- 2
- 2. Dimensions----- 4
- 3. Product Data----- 6
- 4. Performance Sheet----- 10

#### ■ ODU Features

1. R-32 Refrigerant - Lower Global Warming Potential;
2. Brazing refrigerant line connection;
3. Suitable for single and multiple fuel application;
4. Equipped with DemandResponse and OTA functions, supporting intelligent management and remote updates for enhanced usability;
5. Corrosion resistant outdoor coil-1000 hours test to ASTM (B117) standard

#### ■ 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.

#### ■ AHU Features

1. Factory-Installed IoT module;
2. Full-Aluminum Microchannel Heat Exchanger;
3. Integrated A2L Refrigerant Leak Detection;
4. Dual-Refrigerant System Compatibility
5. Field-selectable support for R454B and R32 (A2L)



# 1. Nomenclature

Outdoor Unit	E	O	D	A	17	H	-	4860	A	D	A
	1	2	3	4	5	6	7	8	9	10	
<b>Brand</b> E: Ecoer											
<b>Product</b> O: Top Discharge Condensing Unit											
<b>Control Method</b> D: Non-Communicating											
<b>Power</b> A: 208/230V-1Ph-60Hz											
<b>SEER2</b> 17: 17 SEER2 Series											
<b>Type</b> H: Heat Pump C: Air Conditioner											
<b>Capacity</b> 2436: up to 3Ton 4860: up to 5Ton											
<b>Series</b> A, B, C etc. U: Ultra Heating											
<b>Refrigerant</b> D: R32											
<b>Revisions</b> A, B, C etc.											

Indoor Unit	E	AH	D	E	N	-	36	B	E	A
	1	2	3	4	5	6	7	8	9	
<b>Brand</b> E: Ecoer										
<b>Product</b> AH: Air Handler										
<b>Power</b> D: 208/230V 60Hz 1Ph & 115V 60Hz 1Ph										
<b>Metering device</b> T: TXV E: EEV										
<b>Control Method</b> N: 24V Non-Communicating C: Communicating										
<b>Capacity</b> 24=2Ton 36=3Ton 48=4Ton 60=5Ton										
<b>Series</b> A, B, C etc.										
<b>Refrigerant</b> A: R410A, B: R454B E: R32+R454B										
<b>Revisions</b> A, B, C etc.										

## 2. Dimensions

**2436A** AIR DISCHARGE: ALLOW 60" MINIMUM CLEARANCE

Allow a minimum of 12 in. clearance on one side of access panel to a wall and 24 in. on the other side of it.

Air inlets louvered panels allow 12" minimum clearance

**4860A** AIR DISCHARGE: ALLOW 60" MINIMUM CLEARANCE

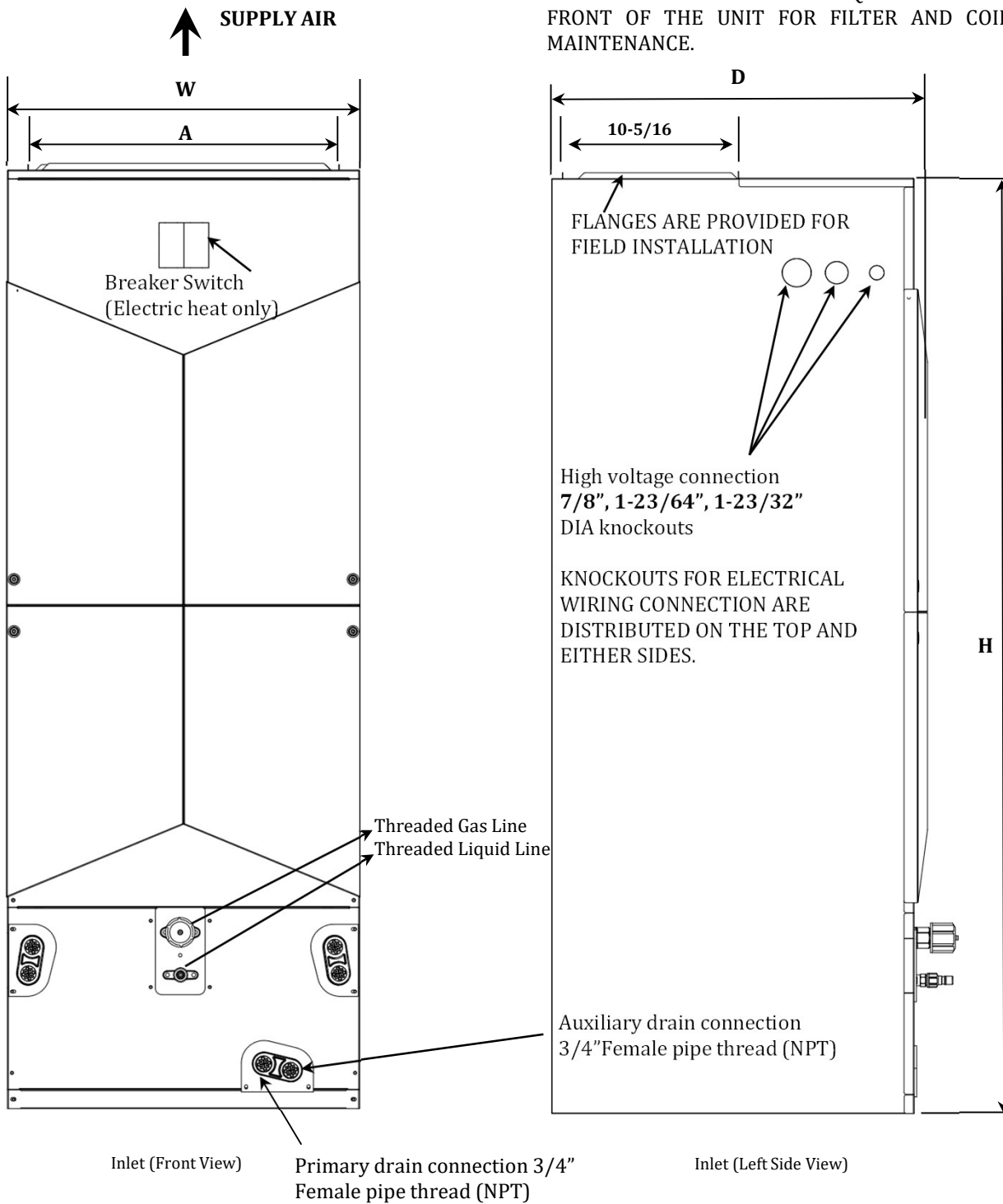
Allow a minimum of 12 in. clearance on one side of access panel to a wall and 24 in. on the other side of it.

Air inlets louvered panels allow 12" minimum clearance

Fig 1. Condensing unit dimensions

Model	Dimensions (Inch)		
	H	W	D
EODA17H-2436ADA	24-1/4	29-1/8	29-1/8
EODA17H-4860ADA	32-1/2	29-1/8	29-1/8

**NOTE:** 25" CLEARANCE IS REQUIRED IN THE FRONT OF THE UNIT FOR FILTER AND COIL MAINTENANCE.



Model	Dimensions (in.)					
	H	W	D	A	Liquid Line Connection	Gas Line Connection
<b>24 / 36</b>	47-11/64	21-3/16	23-37/64	19-1/4	3/8	3/4
<b>48 / 60</b>	56-13/16	21-3/16	23-37/64	19-1/4	3/8	7/8

### 3. Product Data

Outdoor Unit Model	EODA17H-2436ADA	EODA17H-2436ADA	EODA17H-4860ADA	EODA17H-4860ADA
Combination	2Ton	3Ton	4Ton	5Ton
Indoor Unit Model	EAHDEN-24BEA	EAHDEN-36BEA	EAHDEN-48BEA	EAHDEN-60BEA
<b>Capacity</b> <sup>1</sup>				
Cooling (BTU/h)	24000	34200	46000	55000
Heating (BTU/h)	24000	34200	47000	56000
<b>Operation limit</b> <sup>2</sup>				
Cooling operation range	20~125°F	20~125°F	20~125°F	20~125°F
Heating operation range	-4~86°F	-4~86°F	-4~86°F	-4~86°F
<b>Compressor</b>				
RLA	17.5	17.5	24.0	24.0
LRA	52	52	61	52
<b>Condenser Fan Motor</b>				
Horse power (HP)	1/3	1/3	1/3	1/3
FLA	2.5	2.5	2.5	2.5
<b>Refrigeration System</b>				
Refrigerant Line Size				
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	7/8"	7/8"
Refrigerant Connection Size				
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	7/8"	7/8"
Cooling Metering Device (Indoor Side)	EEV	TXV	TXV	TXV
Heating Metering Device	EEV	EEV	EEV	EEV
Maximum Line Length	150FT	150FT	150FT	150FT
Maximum Elevation Difference	50FT	50FT	50FT	50FT
<b>Electrical Data</b>				
Voltage-Phase-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Minimum Circuit Ampacity <sup>3</sup>	24.4	24.4	32.5	32.5
Max. Over-current Protection <sup>4</sup>	30	30	45	45
Allowed Volts Range	187~253	187~253	187~253	187~253
<b>Condenser Decibels (dB)</b> <sup>5</sup>	63/59	64/64	68/64	70/66
<b>Equipment Weight (lbs)</b>	134	134	192	192
<b>Ship Weight (lbs)</b> <sup>6</sup>	163	163	223	223

#### 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, the heating operating range can lower down to -22°F by field setting (n01).
3. Wire size should be determined in accordance with National Electrical Codes.
4. Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.
5. It may vary based on the actual installation status.
6. Weight shown includes packaging.

<b>Outdoor Unit Model</b>	<b>EODA17H-4860ADA</b>
<b>Combination</b>	<b>Ultra 3Ton</b>
Indoor Unit Model	EAHDEN-36BEA
<b>Capacity</b> <sup>1</sup>	
Cooling (BTU/h)	34800
Heating (BTU/h)	34800
<b>Operation limit</b> <sup>2</sup>	
Cooling operation range	20~125°F
Heating operation range	-4~86°F
<b>Compressor</b>	
RLA	24.0
LRA	61
<b>Condenser Fan Motor</b>	
Horse power (HP)	1/3
FLA	2.5
<b>Refrigeration System</b>	
Refrigerant Line Size	
Liquid Line Size ("O.D.)	3/8"
Suction Line Size ("O.D.)	7/8"
Refrigerant Connection Size	
Liquid Line Size ("O.D.)	3/8"
Suction Line Size ("O.D.)	3/4"
Cooling Metering Device (Indoor Side)	EEV
Heating Metering Device	EEV
Maximum Line Length	150FT
Maximum Elevation Difference	50FT
<b>Electrical Data</b>	
Voltage-Phase-Hz	208/230-1-60
Minimum Circuit Ampacity <sup>3</sup>	32.5
Max. Over-current Protection <sup>4</sup>	45
Allowed Volts Range	187~253
<b>Condenser Decibels (dB)</b> <sup>5</sup>	68/64
<b>Equipment Weight (lbs)</b>	192
<b>Ship Weight (lbs)</b> <sup>6</sup>	223

**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, the heating operating range can lower down to -22°F by field setting (n01).
3. Wire size should be determined in accordance with National Electrical Codes.
4. Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.
5. It may vary based on the actual installation status.
6. Weight shown includes packaging.

Indoor Unit Model	EAHDEN-24BEA	EAHDEN-36BEA	EAHDEN-48BEA	EAHDEN-60BEA
<b>Blower</b>				
Diameter	11"	11"	11"	11"
Width	9-11/16"	9-11/16"	10-5/8"	10-5/8"
<b>Fan Motor</b>				
Horsepower (HP)	1/2	1/2	1	1
Full Load Ampacity (208V/230V ~)	3.8A	3.8A	7.0A	7.0A
Full Load Ampacity (115V ~)	6.4A	6.4A	11.5A	11.5A
<b>Refrigeration System</b>				
Refrigerant Line Size				
Liquid Line Size (O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Line Size (O.D.)	3/4"	3/4"	7/8"	7/8"
Refrigerant Connection Size				
Liquid Line Size (O.D.)	3/8"	3/8"	3/8"	3/8"
Suction Line Size (O.D.)	3/4"	3/4"	7/8"	7/8"
Metering Device	EEV	EEVV	EEV	EEV
<b>Coil Drain Connection (NPT)</b>	3/4"	3/4"	3/4"	3/4"
<b>Decibels (dB)</b>				
High Speed (Tap 5)	60	63	67	67
Medium High Speed (Tap 4)	57	61	63	63
Medium Speed (Tap 3)	53	58	61	61
<b>Electrical Data</b>				
<b>Voltage-Phase-Hz</b>	Standard 208/230-1-60, optional 115V-1-60			
Minimum Circuit Ampacity(208V/230V ~)	5.4A	5.4A	9.8A	9.8A
Max. Over-current Protection (208V/230V ~)	15	15	15	15
Minimum Circuit Ampacity(115V ~)	8	8	14.4	14.4
Max. Over-current Protection (115V ~)	15	15	20	20
Volts Range(208V/230V ~)	187~253	187~253	187~253	187~253
Volts Range(115V ~)	103~127	103~127	103~127	103~127
<b>Air Filter</b>				
Air Filter Size (in.)	18*20*1	18*20*1	18*20*1	18*20*1
<b>Weight</b>				
Equipment Weight (lbs)	132	132	176	176
Ship Weight (lbs)	159	159	212	212

**REMARKS:**

1. Wire size should be determined in accordance with National Electrical Codes.
2. Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

# 5. Performance Sheet

**COOLING-2TON** TC: Total capacity (MBH) S/T: Sensible heat ratio

2TON SYSTEM-----EODAI7H-2436ADA+EAHDEN-24BEA																			
Indoor Airflow (CFM)	Outdoor DB(° F)	IWB(° F)	59				63				67				71				
			70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85	
450	65	TC	16.5	13.5	18.0	18.8	19.0	19.5	19.9	20.4	21.4	21.5	21.6	21.8	-	24.8	25.0	25.1	-
		S/T	0.57	0.71	0.78	0.83	0.46	0.58	0.68	0.76	0.56	0.48	0.58	0.67	-	0.38	0.49	0.53	-
		KW	0.79	0.83	0.87	0.92	0.93	0.96	0.99	1.02	1.08	1.09	1.10	1.11	-	1.31	1.32	1.33	-
	75	TC	16.1	16.8	17.5	18.3	18.9	19.0	19.1	19.2	20.8	21.0	21.1	21.2	-	24.2	24.3	24.5	-
		S/T	0.59	0.72	0.80	0.83	0.47	0.59	0.70	0.78	0.37	0.49	0.60	0.69	-	0.39	0.50	0.60	-
		KW	0.96	0.96	1.00	1.05	1.10	1.10	1.11	1.12	1.24	1.25	1.26	1.27	-	1.50	1.51	1.52	-
	85	TC	15.7	16.4	17.1	17.8	18.4	18.5	18.6	18.7	20.3	20.4	20.5	20.6	-	23.6	23.7	23.8	-
		S/T	0.60	0.74	0.82	0.83	0.49	0.61	0.72	0.80	0.38	0.50	0.61	0.71	-	0.40	0.51	0.61	-
		KW	1.04	1.09	1.15	1.21	1.26	1.27	1.27	1.28	1.42	1.43	1.44	1.45	-	1.72	1.73	1.74	-
	95	TC	15.3	15.9	16.6	17.3	17.6	18.0	18.4	18.8	19.8	19.9	20.0	20.1	-	22.9	23.0	23.2	-
		S/T	0.62	0.76	0.83	0.83	0.50	0.63	0.74	0.83	0.39	0.52	0.63	0.73	-	0.41	0.53	0.63	-
		KW	1.23	1.27	1.34	1.41	1.44	1.48	1.52	1.56	1.66	1.67	1.68	1.70	-	2.00	2.01	2.03	-
105	TC	13.4	13.9	14.5	15.2	16.4	16.8	17.1	17.5	19.2	19.3	19.4	19.5	-	22.3	22.4	22.5	-	
	S/T	0.64	0.79	0.83	0.83	0.51	0.64	0.76	0.83	0.40	0.53	0.65	0.75	-	0.42	0.54	0.65	-	
	KW	1.20	1.26	1.32	1.40	1.53	1.57	1.61	1.65	1.85	1.86	1.88	1.89	-	2.24	2.25	2.26	-	
115	TC	13.0	13.5	14.1	14.7	15.9	16.3	16.7	17.0	18.7	18.8	18.9	19.0	-	21.4	21.8	21.9	-	
	S/T	0.66	0.81	0.83	0.83	0.53	0.66	0.78	0.83	0.41	0.55	0.67	0.77	-	0.43	0.56	0.67	-	
	KW	1.34	1.40	1.47	1.54	1.69	1.75	1.80	1.84	2.06	2.08	2.09	2.10	-	2.47	2.50	2.52	-	
125	TC	13.1	13.7	14.3	15.2	16.8	17.2	17.6	17.9	19.6	19.7	19.8	19.9	-	21.8	21.8	21.9	-	
	S/T	0.68	0.83	0.83	0.83	0.55	0.68	0.80	0.83	0.42	0.56	0.69	0.79	-	0.45	0.57	0.69	-	
	KW	1.41	1.48	1.54	1.64	1.83	1.88	1.92	1.96	2.18	2.20	2.21	2.22	-	2.64	2.65	2.67	-	
550	65	TC	17.6	18.3	19.1	19.9	20.2	20.7	21.1	21.6	22.7	22.9	23.0	23.1	-	26.4	26.5	26.7	-
		S/T	0.61	0.75	0.82	0.88	0.49	0.61	0.72	0.81	0.38	0.51	0.62	0.71	-	0.40	0.52	0.62	-
		KW	0.83	0.87	0.92	0.97	0.99	1.02	1.04	1.07	1.14	1.16	1.17	1.17	-	1.39	1.40	1.41	-
	75	TC	17.1	17.9	18.6	19.4	19.7	20.1	20.6	21.1	22.1	22.3	22.4	22.5	-	25.7	25.8	26.0	-
		S/T	0.71	0.88	0.88	0.88	0.50	0.63	0.74	0.83	0.39	0.52	0.63	0.73	-	0.41	0.53	0.63	-
		KW	0.95	1.00	1.05	1.11	1.13	1.16	1.20	1.23	1.31	1.32	1.33	1.34	-	1.59	1.60	1.61	-
	85	TC	16.7	17.4	18.1	18.9	19.2	19.6	20.1	20.5	21.6	21.7	21.8	21.9	-	25.0	25.2	25.3	-
		S/T	0.64	0.79	0.87	0.88	0.52	0.65	0.76	0.85	0.40	0.53	0.65	0.75	-	0.42	0.54	0.65	-
		KW	1.09	1.15	1.21	1.27	1.30	1.33	1.38	1.41	1.51	1.51	1.52	1.53	-	1.82	1.84	1.85	-
	95	TC	16.7	17.5	18.2	19.1	19.4	19.8	20.3	20.8	21.9	22.0	22.1	22.2	-	24.9	25.0	24.6	-
		S/T	0.66	0.81	0.88	0.88	0.53	0.67	0.78	0.88	0.41	0.55	0.67	0.77	-	0.43	0.56	0.67	-
		KW	1.28	1.34	1.42	1.49	1.52	1.56	1.60	1.65	1.76	1.77	1.78	1.79	-	2.12	2.14	2.15	-
105	TC	14.2	14.8	15.4	16.1	17.4	17.8	18.2	18.6	20.4	20.5	20.6	20.7	-	23.7	23.8	23.9	-	
	S/T	0.68	0.83	0.88	0.88	0.55	0.68	0.80	0.88	0.42	0.56	0.69	0.80	-	0.45	0.57	0.69	-	
	KW	1.26	1.33	1.39	1.46	1.64	1.68	1.70	1.75	1.96	1.97	1.98	1.99	-	2.38	2.40	2.40	-	
115	TC	13.8	14.4	15.0	15.7	16.9	17.3	17.7	18.1	19.8	19.9	20.0	20.1	-	23.0	23.1	23.2	-	
	S/T	0.70	0.86	0.88	0.88	0.56	0.70	0.83	0.88	0.44	0.58	0.71	0.82	-	0.46	0.59	0.71	-	
	KW	1.41	1.48	1.55	1.64	1.79	1.84	1.89	1.94	2.17	2.18	2.20	2.21	-	2.63	2.64	2.66	-	
125	TC	12.1	12.6	13.1	13.7	15.8	14.1	14.4	14.7	14.9	15.0	15.1	15.1	-	15.7	15.8	15.8	-	
	S/T	0.71	0.88	0.88	0.88	0.58	0.73	0.85	0.88	0.43	0.60	0.72	0.84	-	0.47	0.60	0.72	-	
	KW	1.39	1.45	1.52	1.60	1.61	1.65	1.69	1.73	1.76	1.78	1.79	1.79	-	1.87	1.89	1.89	-	
650	65	TC	18.5	19.3	20.1	21.0	21.3	21.7	22.2	22.7	23.9	24.0	24.2	24.3	-	27.7	27.9	28.0	-
		S/T	0.64	0.79	0.87	0.93	0.52	0.65	0.76	0.85	0.40	0.53	0.65	0.75	-	0.42	0.54	0.65	-
		KW	0.87	0.92	0.96	1.02	1.04	1.06	1.09	1.13	1.20	1.21	1.22	1.23	-	1.46	1.48	1.48	-
	75	TC	18.0	18.8	19.6	20.4	20.7	21.2	21.7	22.1	23.3	23.4	23.5	23.7	-	27.0	27.2	27.3	-
		S/T	0.66	0.81	0.89	0.93	0.53	0.66	0.78	0.87	0.41	0.55	0.67	0.77	-	0.43	0.56	0.67	-
		KW	0.99	1.05	1.11	1.16	1.18	1.22	1.26	1.29	1.38	1.38	1.39	1.41	-	1.67	1.69	1.69	-
	85	TC	17.5	18.3	19.1	19.9	20.2	20.6	21.1	21.6	22.7	22.8	22.9	23.0	-	26.3	26.4	26.6	-
		S/T	0.67	0.83	0.91	0.93	0.54	0.68	0.80	0.90	0.42	0.56	0.68	0.79	-	0.44	0.57	0.68	-
		KW	1.20	1.27	1.34	1.41	1.36	1.39	1.44	1.48	1.58	1.59	1.60	1.60	-	1.91	1.92	1.94	-
	95	TC	17.0	17.8	18.6	19.4	19.6	20.1	20.5	21.0	22.1	22.2	22.3	22.4	-	25.4	25.7	25.9	-
		S/T	0.69	0.85	0.93	0.93	0.56	0.70	0.82	0.92	0.43	0.58	0.70	0.81	-	0.46	0.59	0.70	-
		KW	1.33	1.41	1.48	1.56	1.58	1.63	1.68	1.73	1.84	1.85	1.86	1.87	-	2.23	2.24	2.26	-
105	TC	14.9	15.6	16.2	16.9	18.3	18.7	19.1	19.6	21.4	21.6	21.7	21.8	-	24.9	25.0	25.2	-	
	S/T	0.71	0.88	0.93	0.93	0.58	0.72	0.85	0.93	0.43	0.59	0.72	0.84	-	0.47	0.60	0.72	-	
	KW	1.31	1.39	1.45	1.53	1.68	1.73	1.77	1.83	2.05	2.07	2.08	2.09	-	2.49	2.50	2.53	-	
115	TC	14.5	15.1	15.8	16.5	17.8	18.2	18.6	19.0	20.8	20.9	21.1	21.2	-	24.2	24.3	24.4	-	
	S/T	0.73	0.90	0.93	0.93	0.59	0.74	0.87	0.93	0.46	0.61	0.75	0.86	-	0.48	0.62	0.74	-	
	KW	1.46	1.54	1.62	1.71	1.87	1.92	1.98	2.03	2.27	2.29	2.31	2.33	-	2.76	2.77	2.79	-	
125	TC	13.7	14.2	14.8	15.4	16.5	14.8	15.2	15.5	15.7	15.8	15.8	15.9	-	16.5	16.6	16.7	-	
	S/T	0.76	0.93	0.93	0.93	0.61	0.76	0.90	0.93	0.47	0.63	0.77	0.89	-	0.50	0.64	0.77	-	
	KW	1.44	1.50	1.58	1.66	1.68	1.72	1.77	1.81	1.84	1.84	1.86	1.87	-	1.96	1.97	1.98	-	
750	65	TC	19.3	20.1	21.0	21.9	22.2	22.7	23.2	23.7	24.9	25.1	25.2	25.4	-	28.9	29.1	29.3	-
		S/T	0.67	0.82	0.91	0.97	0.54	0.67	0.79	0.89	0.42	0.55	0.68	0.78	-	0.44	0.57	0.68	-
		KW	0.96	1.03	1.09	1.16	1.08	1.11	1.14	1.18	1.28</								

**COOLING-3TON**

		3TON SYSTEM-----EODAI7H-2436ADA+EAHDEN-36BEA																			
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			
600	65	TC	21.0	24.0	25.0	26.1	26.5	27.1	27.7	28.3	29.8	29.9	30.1	30.3	34.3	34.5	34.7	34.9			
		ST	0.58	0.71	0.78	0.81	0.86	0.88	0.93	0.96	0.97	0.96	0.98	0.99	0.68	0.31	0.38	0.49	0.58		
		KW	1.20	1.26	1.33	1.40	1.42	1.46	1.50	1.54	1.65	1.66	1.67	1.68	1.97	1.99	2.00	2.02			
	75	TC	22.4	23.4	24.4	25.5	26.2	26.4	26.5	26.7	29.0	29.2	29.3	29.5	33.5	33.6	33.8	34.0			
		ST	0.59	0.73	0.80	0.81	0.84	0.86	0.90	0.93	0.97	0.97	0.99	1.00	0.69	0.32	0.39	0.50	0.60		
		KW	1.37	1.45	1.52	1.61	1.66	1.68	1.70	1.78	1.88	1.90	1.91	1.92	2.26	2.27	2.29	2.31			
	85	TC	21.8	22.8	23.8	24.7	25.5	25.7	25.8	26.0	28.2	28.4	28.6	28.7	32.6	32.8	32.9	33.1			
		ST	0.61	0.75	0.81	0.81	0.84	0.89	0.91	0.92	0.81	0.88	0.90	0.92	0.71	0.33	0.40	0.51	0.62		
		KW	1.58	1.66	1.75	1.84	1.90	1.92	1.93	1.95	2.16	2.18	2.19	2.20	2.59	2.60	2.62	2.64			
	95	TC	21.2	22.2	23.1	24.1	24.4	25.0	25.6	26.1	27.5	27.6	27.8	27.9	31.7	31.9	32.1	32.2			
		ST	0.62	0.77	0.81	0.81	0.80	0.83	0.84	0.81	0.81	0.89	0.92	0.93	0.73	0.34	0.41	0.53	0.63		
		KW	1.84	1.95	2.04	2.15	2.18	2.25	2.31	2.37	2.43	2.54	2.56	2.57	3.02	3.05	3.08	3.11			
105	TC	18.2	19.0	19.8	20.7	22.4	22.9	23.4	23.9	26.2	26.3	26.5	26.6	30.8	31.0	31.1	31.3				
	ST	0.64	0.79	0.81	0.81	0.82	0.85	0.86	0.81	0.40	0.53	0.65	0.75	0.35	0.42	0.54	0.65				
	KW	1.79	1.88	1.97	2.07	2.28	2.34	2.40	2.46	2.75	2.76	2.79	2.80	3.37	3.40	3.41	3.44				
115	TC	15.9	16.6	17.3	18.0	19.5	19.9	20.8	20.8	21.8	21.8	21.8	21.8	25.9	26.0	26.1	26.2				
	ST	0.66	0.82	0.85	0.85	0.88	0.93	0.95	0.91	0.41	0.55	0.67	0.78	0.36	0.43	0.56	0.67				
	KW	1.77	1.85	1.94	2.03	2.23	2.28	2.35	2.40	2.68	2.70	2.72	2.73	3.27	3.29	3.32	3.33				
800	65	TC	13.1	13.7	14.3	14.9	15.0	15.3	15.7	16.0	16.2	16.3	16.4	16.5	17.3	17.4	17.5	17.6			
		ST	0.68	0.81	0.81	0.81	0.85	0.89	0.91	0.81	0.43	0.57	0.69	0.80	0.37	0.45	0.58	0.69			
		KW	1.64	1.72	1.80	1.88	1.90	1.94	1.99	2.04	2.07	2.08	2.09	2.11	2.52	2.54	2.57	2.57			
	75	TC	14.8	15.6	16.4	17.1	17.6	17.6	18.1	18.2	19.2	19.6	19.6	19.6	23.6	23.7	23.8	24.0			
		ST	0.63	0.77	0.85	0.89	0.91	0.93	0.94	0.84	0.39	0.52	0.64	0.74	0.34	0.41	0.53	0.64			
		KW	1.29	1.36	1.44	1.51	1.54	1.58	1.63	1.68	1.78	1.80	1.81	1.82	2.15	2.16	2.19	2.20			
	85	TC	24.4	25.5	26.6	27.7	28.1	28.8	29.4	30.1	31.6	31.8	32.0	32.1	36.5	36.7	36.9	37.1			
		ST	0.64	0.79	0.87	0.89	0.92	0.95	0.96	0.86	0.40	0.54	0.65	0.76	0.35	0.42	0.55	0.65			
		KW	1.48	1.56	1.64	1.73	1.76	1.81	1.86	1.92	2.06	2.07	2.08	2.10	2.46	2.47	2.50	2.51			
	95	TC	23.8	24.8	25.9	27.0	27.4	28.0	28.6	29.3	30.8	31.0	31.1	31.3	35.5	35.7	35.9	36.1			
		ST	0.66	0.82	0.89	0.89	0.90	0.93	0.97	0.88	0.41	0.55	0.67	0.78	0.36	0.44	0.56	0.67			
		KW	1.70	1.79	1.89	1.98	2.02	2.08	2.13	2.20	2.34	2.36	2.37	2.39	2.81	2.83	2.85	2.87			
105	TC	23.2	24.2	25.2	26.3	26.6	27.2	27.9	28.5	29.9	30.0	30.3	30.5	34.6	34.7	34.9	35.1				
	ST	0.68	0.84	0.89	0.89	0.90	0.93	0.97	0.89	0.43	0.56	0.69	0.80	0.37	0.45	0.58	0.69				
	KW	1.99	2.10	2.20	2.32	2.35	2.42	2.50	2.57	2.72	2.75	2.77	2.79	3.29	3.30	3.32	3.35				
115	TC	19.9	20.7	21.6	22.5	24.4	24.9	25.5	26.1	28.5	28.7	28.9	29.0	33.6	33.8	34.0	34.1				
	ST	0.70	0.86	0.89	0.89	0.96	0.96	0.97	0.83	0.49	0.63	0.71	0.82	0.38	0.46	0.59	0.71				
	KW	1.92	2.01	2.12	2.22	2.45	2.51	2.59	2.66	2.97	2.99	3.02	3.05	3.66	3.69	3.72	3.73				
125	TC	17.3	18.1	18.8	19.7	21.3	21.7	22.7	22.7	24.9	25.0	25.2	25.3	29.3	29.4	29.6	29.8				
	ST	0.72	0.89	0.89	0.89	0.98	0.98	0.98	0.89	0.45	0.60	0.73	0.85	0.39	0.47	0.61	0.73				
	KW	1.89	1.99	2.07	2.19	2.40	2.45	2.52	2.59	2.89	2.91	2.93	2.95	3.54	3.57	3.58	3.61				
1000	65	TC	14.3	14.9	15.5	16.2	16.3	16.7	17.1	17.5	17.6	17.7	17.8	17.9	18.8	18.9	19.0	19.2			
		ST	0.74	0.89	0.89	0.89	0.96	0.96	0.96	0.89	0.46	0.62	0.75	0.87	0.40	0.49	0.63	0.75			
		KW	1.75	1.83	1.91	2.01	2.02	2.08	2.13	2.19	2.29	2.30	2.32	2.33	2.77	2.79	2.80	2.83			
	75	TC	26.8	28.0	29.2	30.4	30.9	31.6	32.3	33.0	34.7	34.9	35.1	35.3	40	40.2	40.5	40.7			
		ST	0.67	0.83	0.91	0.95	0.94	0.98	0.89	0.42	0.56	0.68	0.79	0.96	0.36	0.44	0.57	0.68			
		KW	1.37	1.45	1.53	1.61	1.64	1.69	1.74	1.78	1.90	1.92	1.93	1.95	2.3	2.31	2.34	2.35			
	85	TC	26.1	27.5	28.4	29.7	30.1	30.7	31.4	32.1	34.8	34.0	34.2	34.4	39.2	39.4	39.7	40			
		ST	0.69	0.85	0.93	0.95	0.96	0.97	0.82	0.92	0.43	0.57	0.70	0.81	0.37	0.45	0.58	0.70			
		KW	1.57	1.66	1.74	1.84	1.88	1.92	1.98	2.04	2.18	2.19	2.21	2.23	2.63	2.64	2.66	2.69			
	95	TC	25.4	26.5	27.7	28.9	29.3	29.9	30.6	31.3	32.9	33.1	33.3	33.5	38	38.2	38.4	38.6			
		ST	0.71	0.87	0.95	0.95	0.97	0.97	0.71	0.84	0.94	0.44	0.59	0.72	0.83	0.38	0.47	0.60	0.72		
		KW	1.90	1.90	2.00	2.11	2.15	2.21	2.27	2.34	2.49	2.51	2.53	2.54	3.00	3.05	3.08	3.11			
105	TC	24.8	25.8	26.9	28.1	28.5	29.1	29.8	30.5	32.0	32.2	32.4	32.6	36.9	37.2	37.4	37.6				
	ST	0.73	0.90	0.95	0.95	0.99	0.97	0.86	0.95	0.46	0.60	0.74	0.85	0.39	0.48	0.62	0.74				
	KW	2.11	2.22	2.33	2.46	2.51	2.58	2.65	2.73	2.91	2.93	2.95	2.98	3.5	3.53	3.56	3.58				
115	TC	21.2	22.1	23.1	24.1	26.1	26.6	27.2	27.9	30.5	30.7	30.9	31.0	35.9	36.1	36.3	36.5				
	ST	0.75	0.93	0.95	0.95	1.00	0.98	0.89	0.95	0.47	0.62	0.76	0.88	0.41	0.49	0.63	0.76				
	KW	2.03	2.13	2.24	2.36	2.60	2.66	2.74	2.83	3.16	3.19	3.21	3.23	3.9	3.93	3.96	3.99				
1200	65	TC	18.3	19.1	19.9	20.8	22.5	23.0	23.5	24.0	26.3	26.5	26.6	26.8	31	31.1	31.3	31.5			
		ST	0.77	0.95	0.95	0.95	0.62	0.78	0.91	0.95	0.48	0.64	0.78	0.90	0.42	0.51	0.65	0.78			
		KW	1.97	2.06	2.17	2.28	2.50	2.57	2.64	2.70	3.02	3.05	3.07	3.09	3.71	3.73	3.76	3.79			
	75	TC	15.1	15.7	16.4	17.1	17.8	17.7	18.1	18.5	18.6	18.7	18.8	18.9	19.9	20.0	20.1	20.2			
		ST	0.79	0.95	0.95	0.95	0.64	0.80	0.94	0.95	0.50	0.66	0.81	0.93	0.43	0.52	0.67	0.80			
		KW	1.82	1.90	1.99	2.08	2.11	2.17	2.22	2.28	2.29	2.31	2.32	2.34	2.48	2.49	2.51	2.52			
	85	TC	28.3	29.5	30.8	32.2	32.6	33.3	34.1	34.8	36.6	36.8	37.1	37.3	42.3	42.5	42.8	43.0			
		ST	0.71	0.87	0.96	1.00	0.57	0.72	0.84	0.94	0.44	0.59	0.72	0.83	0.38	0.47	0.60	0.72			
		KW	1																		

**COOLING-ULTRA 3TON** TC: Total capacity (MBH) S/T: Sensible heat ratio

3TON SYSTEM-----EODAI7H-4860ADA+EAHDEN-36BEA																			
Indoor Airflow (CFM)	Outdoor		59				63				67				71				
	DB(° F)	IWB(° F)	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85	
600	65	TC	23.4	24.4	25.5	26.6	26.9	27.5	28.2	28.8	30.3	30.5	30.6	30.8	34.9	35.1	35.3	35.5	
		ST	0.55	0.68	0.75	0.81	0.81	0.85	0.86	0.74	0.35	0.46	0.56	0.65	0.3	0.36	0.47	0.56	
		KW	1.14	1.20	1.27	1.34	1.36	1.39	1.44	1.48	1.57	1.59	1.59	1.61	1.89	1.90	1.91	1.93	
	75	TC	22.8	23.8	24.8	25.9	26.7	26.8	27.0	27.1	29.5	29.7	29.8	30.0	34	34.2	34.4	34.6	
		S/T	0.57	0.70	0.77	0.81	0.81	0.86	0.57	0.67	0.76	0.36	0.47	0.58	0.67	0.31	0.37	0.48	
		KW	1.31	1.38	1.45	1.53	1.59	1.60	1.61	1.62	1.80	1.81	1.82	1.84	2.16	2.17	2.19	2.20	
	85	TC	22.2	23.2	24.2	25.2	26.0	26.1	26.3	26.4	28.7	28.9	29.1	29.2	33.1	33.3	33.5	33.7	
		S/T	0.58	0.72	0.79	0.81	0.81	0.81	0.69	0.78	0.37	0.48	0.59	0.69	0.32	0.38	0.49		
		KW	1.51	1.59	1.67	1.76	1.82	1.83	1.85	1.86	2.06	2.08	2.10	2.11	2.47	2.49	2.51		
	800	95	TC	21.6	22.5	23.5	24.5	24.9	25.4	26.0	26.6	28.0	28.1	28.3	28.4	32.3	32.4	32.6	32.8
			ST	0.60	0.74	0.81	0.81	0.81	0.81	0.61	0.71	0.80	0.38	0.50	0.61	0.70	0.33	0.39	
			KW	1.76	1.85	1.95	2.05	2.09	2.14	2.20	2.27	2.41	2.42	2.45	2.46	2.89	2.90	2.93	
105		TC	19.3	20.1	21.0	21.9	23.7	24.2	24.8	25.3	27.2	27.3	27.5	27.6	31.4	31.5	31.7	31.9	
		S/T	0.62	0.76	0.81	0.81	0.81	0.81	0.50	0.62	0.73	0.81	0.39	0.51	0.63	0.72	0.33		
		KW	1.79	1.87	1.97	2.07	2.28	2.34	2.41	2.46	2.69	2.71	2.73	2.74	3.22	3.24	3.26		
115		TC	18.2	19.0	19.8	20.6	22.3	22.8	23.3	23.9	26.1	26.3	26.4	26.6	30.5	30.6	30.8	31.0	
		ST	0.64	0.78	0.81	0.81	0.81	0.81	0.51	0.64	0.75	0.81	0.40	0.53	0.65	0.75	0.34		
		KW	1.93	2.02	2.12	2.22	2.44	2.50	2.57	2.65	2.95	2.98	2.99	3.02	3.58	3.59	3.62		
1000		125	TC	15.9	16.6	17.3	18.0	18.2	18.6	19.0	19.5	19.6	19.7	19.9	20.0	20.8	20.9	21.0	21.1
			S/T	0.65	0.81	0.81	0.81	0.81	0.81	0.53	0.66	0.78	0.81	0.41	0.54	0.66	0.77	0.35	
			KW	1.90	1.99	2.08	2.18	2.21	2.26	2.32	2.39	2.40	2.42	2.44	2.46	2.57	2.59	2.60	
	65	TC	24.9	25.9	27.1	28.2	28.6	29.3	29.9	30.6	32.2	32.3	32.5	32.8	37.1	37.3	37.5	37.7	
		ST	0.62	0.76	0.84	0.89	0.89	0.89	0.63	0.74	0.82	0.39	0.51	0.63	0.73	0.34	0.41		
		KW	1.43	1.49	1.57	1.65	1.68	1.73	1.78	1.83	2.01	2.02	2.04	2.06	2.35	2.36	2.38		
	75	TC	24.2	25.3	26.4	27.5	27.9	28.5	29.1	29.8	31.3	31.5	31.7	31.8	36.1	36.3	36.5	36.7	
		S/T	0.64	0.78	0.86	0.89	0.89	0.89	0.51	0.64	0.75	0.85	0.40	0.53	0.65	0.75	0.35		
		KW	1.62	1.71	1.81	1.90	1.93	1.98	2.04	2.10	2.33	2.35	2.37	2.38	2.68	2.70	2.72		
	95	TC	23.6	24.6	25.6	26.7	27.1	27.7	28.3	29.0	30.5	30.6	30.8	31.0	35.2	35.4	35.6	35.8	
		ST	0.65	0.81	0.89	0.89	0.89	0.89	0.53	0.66	0.78	0.87	0.41	0.54	0.66	0.77	0.34		
		KW	1.90	2.00	2.10	2.21	2.25	2.31	2.38	2.45	2.61	2.62	2.64	2.67	3.14	3.16	3.18		
105	TC	21.0	21.9	22.9	23.9	25.8	26.4	27.0	27.6	29.6	29.8	30.0	30.1	34.2	34.4	34.6	34.8		
	S/T	0.67	0.83	0.89	0.89	0.89	0.89	0.54	0.68	0.80	0.89	0.42	0.56	0.68	0.79	0.36			
	KW	1.92	2.01	2.12	2.24	2.45	2.52	2.59	2.66	2.91	2.93	2.96	2.97	3.5	3.52	3.55			
115	TC	19.8	20.7	21.6	22.5	24.3	24.9	25.4	26.0	28.2	28.3	28.5	28.9	33.2	33.4	33.6	33.8		
	ST	0.69	0.85	0.89	0.89	0.89	0.89	0.56	0.70	0.82	0.89	0.43	0.58	0.70	0.81	0.38			
	KW	2.06	2.17	2.28	2.39	2.63	2.70	2.77	2.85	3.19	3.22	3.23	3.26	3.87	3.90	3.93			
1200	125	TC	17.3	18.1	18.9	19.7	19.8	20.3	20.7	21.2	21.4	21.5	21.6	21.8	22.6	22.8	22.9	23.0	
		ST	0.71	0.88	0.89	0.89	0.89	0.89	0.58	0.72	0.85	0.89	0.45	0.59	0.72	0.84	0.39		
		KW	2.07	2.15	2.24	2.35	2.46	2.49	2.54	2.60	2.85	2.87	2.89	2.90	3.42	3.44	3.46		
	65	TC	27.3	28.5	29.7	31.0	31.4	32.1	32.8	33.6	35.3	35.5	35.7	35.9	40.7	41.0	41.2	41.4	
		S/T	0.65	0.80	0.88	0.95	0.95	0.95	0.65	0.77	0.86	0.40	0.54	0.66	0.76	0.35	0.42		
		KW	1.31	1.38	1.46	1.54	1.56	1.61	1.65	1.71	1.82	1.83	1.85	1.86	2.19	2.22	2.23		
	75	TC	26.6	27.7	28.9	30.2	30.6	31.3	32.0	32.7	34.4	34.6	34.8	35.0	39.7	39.9	40.1	40.4	
		ST	0.66	0.82	0.89	0.95	0.95	0.95	0.67	0.79	0.88	0.41	0.54	0.66	0.77	0.34	0.41		
		KW	1.50	1.58	1.67	1.76	1.79	1.84	1.89	1.95	2.08	2.09	2.11	2.13	2.51	2.53	2.54		
	85	TC	25.9	27.0	28.2	29.4	29.8	30.5	31.1	31.9	33.5	33.7	33.9	34.1	38.6	38.9	39.1	39.3	
		S/T	0.68	0.84	0.92	0.95	0.95	0.95	0.69	0.81	0.91	0.43	0.57	0.69	0.80	0.37	0.45		
		KW	1.72	1.81	1.92	2.02	2.05	2.11	2.17	2.24	2.38	2.40	2.42	2.44	2.87	2.90	2.92		
95	TC	24.2	25.3	26.4	27.5	27.9	28.5	29.1	29.8	31.3	31.5	31.7	31.8	36.1	36.3	36.5	36.7		
	S/T	0.70	0.86	0.95	0.95	0.95	0.95	0.71	0.83	0.93	0.44	0.58	0.71	0.82	0.38	0.46			
	KW	2.02	2.12	2.23	2.36	2.40	2.46	2.53	2.61	2.78	2.80	2.81	2.83	3.35	3.37	3.39			
105	TC	22.5	23.5	24.5	25.5	27.6	28.2	28.9	29.5	31.7	31.9	32.0	32.2	36.5	36.8	37.0	37.2		
	ST	0.72	0.89	0.95	0.95	0.95	0.95	0.73	0.85	0.95	0.45	0.60	0.73	0.84	0.39	0.47			
	KW	2.12	2.24	2.36	2.48	2.61	2.67	2.73	2.83	3.10	3.13	3.16	3.17	3.72	3.76	3.79			
115	TC	21.2	22.1	23.1	24.1	26.0	26.6	27.2	27.8	30.5	30.6	30.8	31.0	35.5	35.7	35.9	36.1		
	ST	0.74	0.91	0.95	0.95	0.95	0.95	0.88	0.95	0.46	0.61	0.75	0.87	0.4	0.49				
	KW	2.18	2.29	2.42	2.54	2.79	2.87	2.95	3.03	3.40	3.41	3.44	3.47	4.13	4.16	4.19			
1300	125	TC	18.5	19.3	20.2	21.0	21.7	22.3	22.9	23.5	23.9	24.3	24.6	24.9	24.2	24.5	24.8	24.6	
		ST	0.76	0.94	0.95	0.95	0.95	0.95	0.67	0.91	0.95	0.48	0.63	0.77	0.90	0.44	0.55		
		KW	2.14	2.24	2.36	2.47	2.50	2.57	2.64	2.71	2.74	2.75	2.77	2.80	2.93	2.94	2.97		
	65	TC	28.8	30.1	31.4	32.7	33.2	33.9	34.7	35.5	37.3	37.5	37.7	37.9	43	43.3	43.5	43.7	
		S/T	0.68	0.84	0.92	1.00	1.00	1.00	0.55	0.69	0.81	0.91	0.43	0.57	0.69	0.80	0.37	0.45	
		KW	2.88	3.06	3.24	3.42	3.46	3.53	3.60	3.67	3.95	3.97	3.99	4.01	4.63	4.66	4.69		
	75	TC	28.1	29.3	30.6	31.9	32.3	33.0	33.8	34.5	36.3	36.5	36.7	36.9	41.9	42.1	42.4	42.6	
		S/T	0.70	0.86	0.95	1.00	1.00	1.00	0.56	0.71	0.83	0.93	0.44	0.58	0.71	0.82	0.38		
		KW	1.58	1.66	1.76	1.85	1.88	1.94	2.00	2.05	2.19	2.21	2.22	2.24	2.65	2.67	2.69		
	85	TC	27.3	28.5	29.8	31.0	31.5	32.2	32.9	33.6	35.4	35.6	35.8	36.0	40.8	41.0	41.3	41.5	
		ST	0.72	0.89	0.97	1.00	1.00	1.00	0.58	0.73	0.85	0.96	0.45	0.60	0.73	0.84	0.39		
		KW	1.81	1.91	2.02	2.12	2.16	2.21	2.27	2.									

**COOLING-4TON**

		4TON SYSTEM-----EOD17H-4860ADA+EAHDEN-48BEA																	
Indoor Airflow (CFM)	Outdoor DB(° F)	IWB(° F)	IDB(° F)	59				63				67				71			
				70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
800	65	TC	31.2	32.6	34.0	35.5	36.0	36.8	37.6	38.4	40.4	40.6	40.9	41.1	46.6	46.9	47.2	47.4	
		ST	0.55	0.68	0.75	0.82	0.45	0.56	0.65	0.73	0.85	0.46	0.56	0.65	0.74	0.86	0.93	0.98	1.02
		KW	1.60	1.68	1.77	1.87	1.90	1.95	2.00	2.06	2.19	2.21	2.23	2.24	2.64	2.66	2.68	2.69	
	75	TC	30.4	31.8	33.1	34.6	35.6	35.8	36.0	36.2	39.4	39.6	39.8	40.0	45.4	45.7	45.9	46.2	
		ST	0.57	0.70	0.77	0.82	0.46	0.57	0.67	0.75	0.85	0.47	0.58	0.66	0.74	0.87	0.94	0.97	1.01
		KW	1.83	1.93	2.03	2.14	2.22	2.23	2.25	2.26	2.51	2.53	2.55	2.56	3.01	3.04	3.06	3.08	
	85	TC	29.8	30.9	32.3	33.7	34.7	34.9	35.1	35.3	38.3	38.6	38.8	39.0	44.2	44.5	44.7	45.0	
		ST	0.58	0.72	0.79	0.82	0.47	0.59	0.69	0.77	0.86	0.48	0.59	0.68	0.77	0.90	0.97	1.00	
		KW	2.10	2.21	2.33	2.46	2.55	2.56	2.58	2.60	2.88	2.90	2.92	2.94	3.45	3.48	3.50	3.53	
	1050	95	TC	28.8	30.1	31.4	32.7	33.2	33.9	34.7	35.5	37.3	37.5	37.9	38.3	43.3	43.5	43.8	44.1
			ST	0.60	0.74	0.81	0.82	0.48	0.60	0.71	0.79	0.87	0.50	0.61	0.70	0.82	0.89	0.91	0.94
			KW	2.46	2.59	2.72	2.86	2.90	2.90	2.92	3.08	3.16	3.26	3.29	3.41	3.43	3.46	3.48	3.50
105		TC	24.7	25.8	26.9	28.0	30.4	31.0	31.7	32.5	35.5	35.7	35.9	36.1	41.8	42.1	42.5	42.8	
		ST	0.62	0.76	0.82	0.82	0.50	0.62	0.73	0.82	0.88	0.51	0.62	0.72	0.83	0.90	0.92	0.94	
		KW	2.38	2.50	2.62	2.76	3.03	3.10	3.19	3.28	3.66	3.68	3.71	3.73	4.49	4.53	4.56	4.58	
115		TC	21.6	22.5	23.5	24.5	26.5	27.1	27.7	28.3	31.0	31.2	31.4	31.5	36.5	36.7	36.9	37.1	
		ST	0.63	0.78	0.82	0.82	0.51	0.64	0.75	0.82	0.40	0.53	0.64	0.74	0.84	0.92	0.94	0.96	
		KW	2.35	2.46	2.59	2.71	2.97	3.05	3.13	3.21	3.57	3.60	3.63	3.64	4.36	4.42	4.45	4.48	
1300		125	TC	18.0	18.8	19.6	20.4	20.6	21.1	21.5	22.0	22.2	22.4	22.5	22.6	23.7	23.9	24.0	24.1
			ST	0.65	0.80	0.82	0.82	0.53	0.66	0.77	0.82	0.41	0.54	0.66	0.77	0.85	0.93	0.95	0.96
			KW	2.21	2.31	2.42	2.53	2.56	2.63	2.68	2.75	2.78	2.81	2.82	2.83	2.99	3.02	3.03	3.05
	65	TC	33.0	34.4	35.9	37.5	38.0	39.0	39.9	40.8	41.7	43.8	44.1	44.3	44.8	50.6	50.9	51.2	51.4
		ST	0.60	0.74	0.81	0.89	0.48	0.60	0.71	0.80	0.87	0.50	0.61	0.70	0.82	0.89	0.91	0.94	
		KW	1.72	1.81	1.91	2.01	2.04	2.10	2.16	2.22	2.37	2.39	2.40	2.42	2.86	2.88	2.90	2.92	
	75	TC	33.0	34.5	35.9	37.5	38.0	38.9	39.7	40.6	42.7	43.0	43.2	43.4	49.6	49.8	50.1	50.2	
		ST	0.61	0.76	0.83	0.89	0.50	0.62	0.73	0.82	0.38	0.51	0.62	0.72	0.83	0.90	0.92	0.94	
		KW	1.98	2.07	2.18	2.28	2.34	2.41	2.47	2.54	2.78	2.81	2.82	2.83	3.26	3.29	3.31	3.33	
	85	TC	32.2	33.5	35.0	36.5	37.0	37.8	38.7	39.6	41.6	41.8	42.1	42.3	48.3	48.5	48.8	49.1	
		ST	0.63	0.78	0.86	0.89	0.51	0.64	0.75	0.84	0.40	0.52	0.64	0.74	0.84	0.91	0.93	0.96	
		KW	2.26	2.37	2.50	2.64	2.68	2.75	2.84	2.92	3.11	3.13	3.15	3.17	3.74	3.77	3.79	3.82	
95	TC	31.3	32.6	34.1	35.5	36.0	36.8	37.6	38.5	40.5	40.7	40.9	41.2	46.7	47.0	47.2	47.5		
	ST	0.60	0.75	0.82	0.88	0.49	0.61	0.72	0.80	0.40	0.53	0.64	0.74	0.84	0.91	0.93	0.96		
	KW	2.64	2.77	2.93	3.08	3.13	3.22	3.31	3.40	3.63	3.65	3.67	3.71	4.36	4.39	4.42	4.45		
105	TC	26.8	28.0	29.2	30.5	32.9	33.7	34.4	35.2	38.6	38.8	39.0	39.2	45.4	45.6	45.9	46.1		
	ST	0.67	0.82	0.89	0.89	0.54	0.67	0.79	0.89	0.42	0.55	0.68	0.78	0.86	0.94	0.97	0.98		
	KW	2.54	2.68	2.81	2.96	3.24	3.34	3.42	3.52	3.95	3.98	4.00	4.03	4.86	4.88	4.93	4.95		
115	TC	23.4	24.4	25.5	26.6	28.7	29.4	30.0	30.7	34.0	34.2	34.4	34.6	40.3	40.5	40.8	41.1		
	ST	0.69	0.85	0.89	0.89	0.55	0.69	0.81	0.89	0.43	0.57	0.70	0.81	0.87	0.95	0.98	1.00		
	KW	2.51	2.63	2.76	2.90	3.17	3.26	3.34	3.44	3.83	3.86	3.89	3.91	4.77	4.79	4.82	4.85		
1550	125	TC	19.5	20.4	21.3	22.2	22.4	22.9	23.4	23.9	24.1	24.3	24.4	24.5	25.8	25.9	26.1	26.2	
		ST	0.71	0.87	0.89	0.89	0.57	0.71	0.84	0.89	0.44	0.59	0.72	0.83	0.93	0.97	0.99	1.00	
		KW	2.34	2.46	2.58	2.70	2.73	2.80	2.87	2.94	3.18	3.20	3.21	3.22	3.79	3.82	3.84	3.87	
	75	TC	36.1	37.7	39.3	41.0	41.6	42.5	43.5	44.5	46.7	47.0	47.3	47.5	53.9	54.2	54.5	54.8	
		ST	0.64	0.79	0.87	0.95	0.51	0.64	0.76	0.85	0.40	0.53	0.65	0.75	0.85	0.92	0.94	0.96	
		KW	1.82	1.92	2.02	2.13	2.17	2.23	2.30	2.36	2.52	2.54	2.56	2.57	3.04	3.07	3.09	3.11	
	85	TC	35.2	36.7	38.3	40.0	40.5	41.4	42.4	43.3	45.5	45.8	46.1	46.3	52.6	52.9	53.1	53.4	
		ST	0.66	0.81	0.89	0.95	0.53	0.66	0.78	0.87	0.41	0.54	0.67	0.77	0.86	0.94	0.96	0.98	
		KW	2.08	2.19	2.31	2.44	2.48	2.55	2.63	2.70	2.88	2.90	2.93	2.94	3.48	3.51	3.53	3.55	
	95	TC	34.3	35.8	37.3	38.9	39.5	40.3	41.3	42.2	44.3	44.6	44.8	45.1	51.2	51.5	51.7	52.0	
		ST	0.67	0.83	0.91	0.95	0.54	0.68	0.80	0.89	0.42	0.56	0.68	0.79	0.86	0.94	0.97	0.98	
		KW	2.39	2.52	2.65	2.79	2.85	2.92	3.01	3.10	3.30	3.32	3.34	3.37	3.98	4.01	4.03	4.07	
105	TC	33.4	34.8	36.3	37.9	38.4	39.3	40.1	41.0	43.2	43.4	43.6	43.8	49.8	50.1	50.3	50.6		
	ST	0.69	0.85	0.94	0.95	0.56	0.70	0.82	0.92	0.43	0.57	0.70	0.81	0.87	0.95	0.98	1.00		
	KW	2.80	2.94	3.10	3.27	3.32	3.42	3.51	3.61	3.86	3.88	3.90	3.94	4.64	4.68	4.70	4.74		
1700	115	TC	28.6	29.8	31.1	32.5	35.1	35.9	36.7	37.5	41.1	41.3	41.6	41.8	48.4	48.7	48.9	49.2	
		ST	0.71	0.88	0.95	0.95	0.57	0.72	0.84	0.95	0.45	0.59	0.72	0.83	0.93	0.97	0.99	1.00	
		KW	2.69	2.82	2.97	3.13	3.14	3.23	3.33	3.43	3.78	3.80	3.81	3.82	4.52	4.55	4.58	4.61	
	125	TC	25.0	26.0	27.2	28.3	30.6	31.3	32.0	32.7	35.9	36.1	36.3	36.5	42.2	42.4	42.7	42.9	
		ST	0.73	0.90	0.95	0.95	0.59	0.74	0.87	0.95	0.46	0.61	0.74	0.86	0.4	0.48	0.52	0.54	
		KW	2.64	2.77	2.91	3.05	3.35	3.44	3.53	3.63	4.07	4.10	4.12	4.15	4.98	5.01	5.06	5.09	
	65	TC	20.8	21.7	22.7	23.6	25.8	26.4	26.9	27.5	25.7	25.9	26.0	26.2	27.5	27.6	27.8	27.9	
		ST	0.75	0.92	0.95	0.95	0.61	0.75	0.88	0.95	0.47	0.63	0.76	0.87	0.89	0.91	0.94	0.97	
		KW	2.46	2.58	2.71	2.84	2.86	2.95	3.01	3.10	3.13	3.15	3.17	3.20	3.38	3.40	3.42	3.44	
	75	TC	38.1	39.7	41.5	43.3	43.8	44.8	45.8	46.9	49.3	49.6	49.8	50.1	56.9	57.2	57.5	57.8	
		ST	0.67	0.83	0.91	1.00	0.54	0.68	0.80	0.89	0.42	0.56	0.68	0.79	0.86	0.94	0.97	0.98	
		KW	1.91	2.01	2.12	2.24	2.28	2.34	2.41	2.49	2.66	2.68	2.69	2.71	3.22	3.24	3.26	3.29	
85	TC	37.1	38.7																

COOLING-5TON

		5TON SYSTEM-----EODA17H-4860ADA+EAHDEN-60BEA																	
Indoor Airflow (CFM)	Outdoor DB(*) F)	IWB(*) F)	59				63				67				71				
			70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85	
			IDB(*) F)																
900	65	TC	37.3	38.9	40.6	42.4	42.9	43.9	44.9	45.9	48.3	48.5	48.8	49.1	55.7	56.0	56.3	56.6	
		S/T	0.56	0.69	0.76	0.82	0.45	0.56	0.66	0.74	0.35	0.46	0.57	0.66	0.3	0.37	0.47	0.57	
		KW	2.14	2.25	2.37	2.50	2.53	2.61	2.68	2.75	2.94	2.95	2.98	3.00	3.53	3.55	3.58	3.60	
	75	TC	36.4	37.9	39.6	41.3	42.5	42.8	43.0	43.3	47.8	47.8	47.8	47.6	54.3	54.6	54.9	55.2	
		S/T	0.57	0.71	0.78	0.82	0.46	0.58	0.68	0.76	0.36	0.48	0.58	0.67	0.31	0.38	0.49	0.58	
		KW	2.45	2.57	2.71	2.86	2.96	2.99	3.09	3.03	3.36	3.38	3.41	3.43	4.03	4.06	4.09	4.12	
	85	TC	35.4	36.9	38.5	40.2	41.4	41.7	41.9	42.1	45.8	46.0	46.3	46.4	52.8	53.1	53.4	53.7	
		S/T	0.59	0.73	0.80	0.82	0.48	0.59	0.70	0.78	0.37	0.49	0.60	0.69	0.32	0.39	0.50	0.60	
		KW	2.81	2.96	3.11	3.28	3.40	3.43	3.45	3.47	3.85	3.87	3.90	3.94	4.61	4.65	4.68	4.71	
	95	TC	34.4	35.9	37.5	39.1	39.6	40.5	41.4	42.4	44.6	44.8	45.1	45.3	51.4	51.7	52.0	52.3	
		S/T	0.60	0.75	0.82	0.82	0.49	0.60	0.72	0.80	0.38	0.50	0.61	0.71	0.33	0.40	0.51	0.61	
		KW	3.29	3.46	3.64	3.83	3.89	4.00	4.11	4.23	4.50	4.53	4.56	4.59	5.39	5.43	5.47	5.51	
	105	TC	28.6	29.9	31.2	32.5	35.1	35.9	36.7	37.6	41.1	41.4	41.6	41.8	48.4	48.7	49.0	49.2	
		S/T	0.62	0.77	0.82	0.82	0.50	0.63	0.74	0.82	0.39	0.52	0.63	0.73	0.34	0.41	0.53	0.63	
		KW	3.07	3.23	3.29	3.56	3.89	4.00	4.10	4.22	4.71	4.75	4.78	4.81	5.77	5.81	5.86	5.89	
	115	TC	24.3	25.4	26.4	27.6	29.8	30.5	31.2	31.9	34.9	35.1	35.3	35.5	41.1	41.3	41.6	41.8	
		S/T	0.64	0.79	0.82	0.82	0.52	0.65	0.76	0.82	0.40	0.53	0.65	0.75	0.35	0.42	0.54	0.65	
		KW	2.94	3.09	3.23	3.39	3.70	3.80	3.90	4.01	4.45	4.48	4.51	4.54	5.42	5.45	5.50	5.53	
	125	TC	20.2	21.1	22.0	23.0	23.1	23.7	24.2	24.7	25.0	25.1	25.3	25.4	26.7	26.8	27.0	27.1	
		S/T	0.66	0.81	0.82	0.82	0.53	0.67	0.78	0.82	0.41	0.55	0.67	0.77	0.36	0.43	0.56	0.67	
		KW	2.79	2.89	3.03	3.18	3.19	3.28	3.36	3.43	3.89	3.92	3.95	3.98	4.74	4.76	4.79	4.81	
	1200	65	TC	40.7	42.4	44.3	46.2	46.8	47.9	48.9	50.0	52.6	52.9	53.2	53.5	60.7	61.1	61.4	61.7
			S/T	0.61	0.75	0.83	0.89	0.49	0.61	0.72	0.81	0.38	0.51	0.62	0.71	0.33	0.40	0.52	0.62
			KW	2.31	2.43	2.56	2.70	2.74	2.82	2.90	2.98	3.18	3.20	3.23	3.25	3.84	3.87	3.89	3.92
75		TC	39.6	41.3	43.1	45.0	45.6	46.6	47.7	48.8	51.3	51.6	51.8	52.1	59.2	59.5	59.8	60.2	
		S/T	0.63	0.77	0.85	0.91	0.50	0.63	0.74	0.83	0.39	0.52	0.63	0.73	0.34	0.41	0.53	0.63	
		KW	2.64	2.78	2.93	3.09	3.14	3.23	3.32	3.42	3.64	3.69	3.72	3.74	4.49	4.52	4.54	4.57	
85		TC	38.6	40.3	42.0	43.8	44.4	45.4	46.4	47.5	49.9	50.2	50.5	50.8	57.6	57.9	58.2	58.6	
		S/T	0.64	0.79	0.87	0.89	0.52	0.65	0.76	0.85	0.40	0.53	0.65	0.75	0.35	0.42	0.54	0.65	
		KW	3.03	3.19	3.36	3.54	3.60	3.70	3.80	3.92	4.17	4.20	4.23	4.27	5.02	5.05	5.09	5.13	
95		TC	37.5	39.2	40.9	42.7	43.2	44.2	45.2	46.2	48.6	48.8	49.1	49.4	56.4	56.7	57.0	57.3	
		S/T	0.66	0.81	0.89	0.89	0.53	0.67	0.78	0.88	0.41	0.55	0.67	0.77	0.36	0.43	0.56	0.67	
		KW	3.54	3.73	3.93	4.13	4.20	4.33	4.45	4.57	4.87	4.90	4.94	4.97	5.85	5.90	5.94	5.98	
105		TC	31.2	32.6	34.0	35.4	38.3	39.2	40.1	41.0	44.9	45.1	45.4	45.6	52.8	53.1	53.4	53.7	
		S/T	0.68	0.84	0.89	0.89	0.55	0.68	0.80	0.89	0.42	0.56	0.69	0.80	0.37	0.45	0.57	0.69	
		KW	3.29	3.47	3.65	3.82	4.20	4.32	4.44	4.56	5.10	5.13	5.17	5.24	6.26	6.31	6.36	6.40	
115		TC	26.2	27.3	28.5	29.7	32.1	32.8	33.6	34.3	37.6	37.8	38.0	38.2	44.3	44.5	44.8	45.0	
		S/T	0.70	0.86	0.89	0.89	0.56	0.71	0.83	0.89	0.44	0.58	0.71	0.82	0.38	0.46	0.59	0.71	
		KW	3.11	3.26	3.42	3.58	3.92	4.02	4.14	4.24	4.73	4.76	4.79	4.82	5.78	5.81	5.86	5.89	
125		TC	21.8	22.7	23.7	24.7	24.9	25.5	26.0	26.6	26.9	27.0	27.2	27.3	28.7	28.9	29.0	29.2	
		S/T	0.72	0.89	0.89	0.89	0.58	0.75	0.85	0.89	0.45	0.60	0.74	0.84	0.39	0.47	0.61	0.73	
		KW	2.91	3.04	3.19	3.34	3.37	3.46	3.53	3.62	3.67	3.68	3.71	3.73	3.95	3.98	3.99	4.03	
1500		65	TC	43.5	45.4	47.3	49.4	50.0	51.2	52.3	53.5	56.3	56.6	56.9	57.2	64.9	65.3	65.6	66.0
			S/T	0.65	0.80	0.88	0.95	0.53	0.66	0.77	0.87	0.41	0.54	0.66	0.76	0.35	0.43	0.55	0.66
			KW	2.45	2.58	2.72	2.87	2.92	3.00	3.09	3.18	3.40	3.42	3.45	3.47	4.1	4.14	4.16	4.19
	75	TC	42.4	44.2	46.1	48.1	48.8	49.9	51.0	52.1	54.8	55.1	55.4	55.7	63.2	63.6	64.0	64.3	
		S/T	0.67	0.82	0.91	0.95	0.54	0.67	0.79	0.89	0.42	0.55	0.68	0.78	0.36	0.44	0.57	0.68	
		KW	2.80	2.95	3.11	3.28	3.34	3.44	3.54	3.63	3.88	3.91	3.93	3.96	4.68	4.72	4.76	4.79	
	85	TC	41.3	43.0	44.9	46.8	47.5	48.6	49.6	50.8	53.4	53.7	54.0	54.3	61.6	61.9	62.3	62.6	
		S/T	0.69	0.85	0.93	0.95	0.55	0.68	0.80	0.91	0.43	0.57	0.70	0.81	0.37	0.45	0.58	0.70	
		KW	3.22	3.38	3.57	3.76	3.83	3.94	4.05	4.17	4.45	4.48	4.51	4.54	5.36	5.40	5.44	5.48	
	95	TC	40.1	41.9	43.7	45.6	46.2	47.2	48.3	49.4	51.9	52.2	52.5	52.8	59.9	60.3	60.6	60.9	
		S/T	0.71	0.87	0.95	0.95	0.57	0.71	0.84	0.94	0.44	0.59	0.72	0.83	0.38	0.46	0.60	0.72	
		KW	3.75	3.96	4.17	4.40	4.47	4.59	4.73	4.86	5.18	5.22	5.26	5.30	6.24	6.30	6.34	6.38	
	105	TC	33.4	34.8	36.3	37.9	41.0	41.9	42.8	43.7	48.0	48.2	48.5	48.8	56.4	56.8	57.1	57.4	
		S/T	0.73	0.89	0.95	0.95	0.59	0.73	0.86	0.95	0.45	0.60	0.74	0.85	0.39	0.48	0.61	0.74	
		KW	3.49	3.66	3.85	4.05	4.46	4.58	4.70	4.84	5.42	5.45	5.50	5.54	6.67	6.73	6.78	6.83	
	115	TC	27.6	28.8	30.1	31.4	33.9	34.7	35.5	36.3	39.7	40.0	40.2	40.4	46.8	47.0	47.3	47.5	
		S/T	0.75	0.92	0.95	0.95	0.60	0.75	0.89	0.95	0.47	0.62	0.76	0.88	0.41	0.49	0.63	0.76	
		KW	3.28	3.38	3.56	3.74	4.09	4.20	4.32	4.43	4.94	4.98	5.01	5.04	6.05	6.08	6.13	6.16	
	125	TC	23.0	24.0	25.0	26.1	26.3	26.9	27.5	28.1	28.4	28.5	28.7	28.9	30.3	30.5	30.6	30.8	
		S/T	0.77	0.95	0.95	0.95	0.62	0.78	0.91	0.95	0.48	0.64	0.78	0.90	0.42	0.51	0.65	0.78	
		KW	3.02	3.16	3.31	3.47	3.50	3.59	3.68	3.77	3.81	3.83	3.86	3.89	4.11	4.14	4.15	4.19	
	1750	65	TC	45.5	47.5	49.6	51.7	52.4	53.6	54.8	56.0	58.9	59.3	59.6	59.9	68.1	68.4	68.8	69.1
			S/T	0.68	0.84	0.92	1.00	0.55	0.69	0.81	0.91	0.43	0.57	0.69	0.80	0.37	0.45	0.58	0.69
			KW	2.55	2.69	2.84	3.00	3.05	3.14	3.23	3.32	3.55	3.58	3.61	3.63	4.3	4.34	4.37	4.40
75		TC	44.4	46.3	48.3	50.4	51.1	52.2	53.4	54.6	57.4	57.7	58.1	58.4	66.2	66.6	67.0	67.4	
		S/T	0.70	0.86	0.95	1.00	0.56	0.71	0.83	0.93	0.44	0.58	0.71	0.82	0.38	0.46	0.59	0.71	
		KW	2.92	3.08	3.25	3.43	3.49	3.59	3.69	3.80	4.06	4.09	4.12	4.15	4.9	4.94	4.98	5.02	
85		TC	43.2	45.1	47.0	49.1	49.7	50.9	52.0	53.2	55.9	56.2	56.5	56.8	64.5	64.9	65.2	65.6	
		S/T	0.72	0.89	0.97	1.00	0.58	0.73	0.85	0.96	0.45	0.60	0.73	0.84	0.39	0.47	0.61	0.73	
		KW	3.35	3.53	3.72	3.93	3.99	4.12	4.23	4.36	4.65	4.68	4.71	4.75	5.61	5.66	5.70	5.74	
95		TC	42.0	43.9	45.8	47.7	48.4	49.5	50.6	51.7	54.4	54.7	55.0	55.3	60.2	60.6	60.9	61.3	
		S/T	0.74	0.91															

**HEATING-2TON**

INDOOR AIR		2TON SYSTEM-----EODA17H-2436ADA+EAHDEN-24BEA																													
		OUTDOOR AMBIENT TEMPERATURE(°F)																													
IDB(°F)	CFM	-22			-13			-4			7			17			27			37			47			57			67		
		MBh	kw	COP	MBh	kw	COP	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	450	10.0	2.47	1.19	12.3	2.49	1.45	14.5	2.50	1.70	17.4	2.50	2.04	19.1	2.31	2.42	21.7	2.13	2.99	22.0	1.91	3.38	22.4	1.78	3.69	22.4	1.63	4.03	22.4	1.46	4.50
	550	10.6	2.63	1.18	13.0	2.65	1.44	15.3	2.66	1.69	18.4	2.66	2.03	20.3	2.46	2.42	23.0	2.27	2.97	23.4	2.03	3.38	23.8	1.90	3.67	23.8	1.73	4.03	23.8	1.56	4.47
	650	11.2	2.78	1.18	13.7	2.81	1.43	16.1	2.81	1.68	19.4	2.81	2.02	21.4	2.60	2.41	24.2	2.40	2.96	24.6	2.15	3.35	25.1	2.01	3.66	25.1	1.83	4.02	25.1	1.65	4.46
	750	11.7	2.91	1.18	14.3	2.93	1.43	16.8	2.94	1.67	20.2	2.94	2.01	22.3	2.72	2.40	25.3	2.51	2.95	25.7	2.25	3.35	26.2	2.10	3.66	26.2	1.91	4.02	26.2	1.72	4.46
	850	12.1	3.02	1.17	14.9	3.04	1.44	17.5	3.05	1.68	21.0	3.05	2.02	23.2	2.82	2.41	26.2	2.61	2.94	26.6	2.33	3.35	27.2	2.18	3.66	27.2	1.99	4.01	27.2	1.79	4.45
70	450	8.9	2.14	1.22	10.9	2.16	1.48	12.8	2.16	1.74	15.3	2.17	2.07	16.9	2.00	2.48	19.2	1.85	3.04	19.4	1.65	3.45	19.8	1.54	3.77	19.8	1.41	4.12	19.8	1.27	4.57
	550	9.4	2.29	1.20	11.5	2.30	1.47	13.6	2.31	1.73	16.3	2.31	2.07	18.0	2.13	2.48	20.3	1.97	3.02	20.7	1.76	3.45	21.1	1.65	3.75	21.1	1.50	4.12	21.1	1.35	4.58
	650	9.9	2.39	1.21	12.1	2.41	1.47	14.3	2.42	1.73	17.1	2.42	2.07	18.9	2.23	2.48	21.4	2.07	3.03	21.7	1.85	3.44	22.1	1.72	3.77	22.1	1.58	4.10	22.1	1.42	4.56
	750	10.3	2.50	1.21	12.6	2.52	1.47	14.9	2.53	1.73	17.9	2.53	2.07	19.7	2.33	2.48	22.3	2.16	3.03	22.7	1.93	3.45	23.1	1.80	3.76	23.1	1.65	4.10	23.1	1.48	4.57
	850	10.7	2.59	1.21	13.1	2.61	1.47	15.5	2.62	1.73	18.6	2.62	2.08	20.5	2.42	2.48	23.2	2.24	3.04	23.5	2.00	3.44	24.0	1.87	3.76	24.0	1.71	4.11	24.0	1.54	4.57
75	450	7.7	1.83	1.23	9.4	1.84	1.50	11.1	1.85	1.76	13.3	1.85	2.11	14.7	1.71	2.52	16.6	1.58	3.08	16.9	1.41	3.51	17.2	1.32	3.82	17.2	1.20	4.20	17.2	1.08	4.67
	550	8.2	1.94	1.24	10.0	1.96	1.50	11.8	1.96	1.76	14.2	1.96	2.12	15.6	1.82	2.51	17.7	1.68	3.09	17.9	1.50	3.50	18.3	1.40	3.83	18.3	1.28	4.19	18.3	1.15	4.66
	650	8.6	2.03	1.24	10.5	2.05	1.50	12.4	2.06	1.76	14.9	2.06	2.12	16.4	1.90	2.53	18.6	1.76	3.10	18.9	1.57	3.53	19.2	1.47	3.83	19.2	1.34	4.20	19.2	1.21	4.65
	750	9.0	2.13	1.24	11.0	2.14	1.51	12.9	2.15	1.76	15.5	2.15	2.11	17.1	1.99	2.52	19.4	1.84	3.09	19.7	1.64	3.52	20.1	1.53	3.83	20.1	1.40	4.21	20.1	1.26	4.68
	850	9.3	2.19	1.24	11.4	2.21	1.51	13.4	2.22	1.77	16.1	2.22	2.13	17.8	2.05	2.54	20.1	1.89	3.12	20.4	1.69	3.54	20.8	1.58	3.86	20.8	1.44	4.23	20.8	1.30	4.69

**HEATING-3TON**

INDOOR AIR		3TON SYSTEM-----EODA17H-2436ADA+EAHDEN-36BEA																													
		OUTDOOR AMBIENT TEMPERATURE(°F)																													
IDB(°F)	CFM	-22			-13			-4			7			17			27			37			47			57			67		
		MBh	kw	COP	MBh	kw	COP	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	600	13.2	3.22	1.20	16.1	3.25	1.45	18.9	3.27	1.69	22.7	3.28	2.03	24.4	3.09	2.31	27.3	2.93	2.73	30.5	2.78	3.22	31.4	2.62	3.51	31.4	2.39	3.85	31.4	2.11	4.36
	800	14.3	3.53	1.19	17.5	3.57	1.44	20.6	3.58	1.69	24.8	3.60	2.02	26.6	3.39	2.30	29.8	3.22	2.71	33.3	3.05	3.20	34.3	2.88	3.49	34.3	2.63	3.82	34.3	2.32	4.33
	1000	15.3	3.77	1.19	18.8	3.81	1.45	22.1	3.83	1.69	26.5	3.84	2.02	28.4	3.62	2.30	31.9	3.44	2.72	35.6	3.26	3.20	36.6	3.07	3.49	36.6	2.81	3.82	36.6	2.48	4.33
	1200	16.2	3.99	1.19	19.8	4.03	1.44	23.3	4.05	1.69	28.0	4.07	2.02	30.0	3.83	2.30	33.6	3.64	2.71	37.6	3.45	3.19	38.7	3.25	3.49	38.7	2.97	3.82	38.7	2.62	4.33
	1300	16.6	4.08	1.19	20.3	4.12	1.44	23.9	4.14	1.69	28.7	4.16	2.02	30.7	3.92	2.30	34.5	3.72	2.72	38.5	3.53	3.20	39.6	3.33	3.49	39.6	3.04	3.82	39.6	2.68	4.33
70	600	11.6	2.80	1.21	14.2	2.82	1.48	16.7	2.84	1.72	20.1	2.85	2.07	21.5	2.68	2.35	24.1	2.55	2.77	27.0	2.42	3.27	27.8	2.28	3.57	27.8	2.08	3.92	27.8	1.84	4.43
	800	12.7	3.05	1.22	15.5	3.08	1.47	18.2	3.10	1.72	21.9	3.11	2.06	23.5	2.93	2.35	26.3	2.78	2.77	29.4	2.64	3.26	30.3	2.49	3.57	30.3	2.27	3.91	30.3	2.00	4.44
	1000	13.6	3.26	1.22	16.6	3.29	1.48	19.5	3.31	1.73	23.4	3.32	2.07	25.1	3.13	2.35	28.1	2.97	2.77	31.4	2.82	3.26	32.4	2.66	3.57	32.4	2.43	3.91	32.4	2.14	4.44
	1200	14.3	3.44	1.22	17.5	3.47	1.48	20.6	3.49	1.73	24.7	3.50	2.07	26.5	3.30	2.35	29.7	3.13	2.78	33.2	2.97	3.28	34.2	2.80	3.58	34.2	2.56	3.92	34.2	2.26	4.44
	1300	14.7	3.51	1.23	17.9	3.55	1.48	21.1	3.56	1.74	25.3	3.58	2.07	27.2	3.37	2.37	30.5	3.20	2.79	34.0	3.03	3.29	35.0	2.86	3.59	35.0	2.61	3.93	35.0	2.31	4.44
75	600	10.1	2.38	1.24	12.4	2.41	1.51	14.5	2.42	1.76	17.5	2.43	2.11	18.7	2.29	2.39	21.0	2.17	2.84	23.4	2.06	3.33	24.1	1.94	3.64	24.1	1.77	3.99	24.1	1.57	4.50
	800	11.0	2.60	1.24	13.5	2.62	1.51	15.8	2.64	1.75	19.0	2.64	2.11	20.4	2.49	2.40	22.9	2.37	2.83	25.5	2.24	3.34	26.3	2.12	3.64	26.3	1.93	3.99	26.3	1.71	4.51
	1000	11.8	2.76	1.25	14.4	2.79	1.51	16.9	2.81	1.76	20.3	2.82	2.11	21.8	2.65	2.41	24.4	2.52	2.84	27.3	2.39	3.35	28.1	2.25	3.66	28.1	2.06	4.00	28.1	1.82	4.53
	1200	12.4	2.91	1.25	15.2	2.94	1.52	17.9	2.96	1.77	21.5	2.97	2.12	23.0	2.79	2.42	25.8	2.65	2.85	28.8	2.52	3.35	29.7	2.37	3.67	29.7	2.17	4.01	29.7	1.91	4.56
	1300	12.7	2.97	1.25	15.6	3.00	1.52	18.3	3.02	1.78	22.0	3.03	2.13	23.6	2.85	2.43	26.4	2.71	2.86	29.5	2.57	3.36	30.4	2.42	3.68	30.4	2.21	4.03	30.4	1.95	4.57

**HEATING-ULTRA 3TON**

INDOOR AIR		ULTRA 3TON SYSTEM-----EODA17H-4860ADA+EAHDEN-36BEA																													
		OUTDOOR AMBIENT TEMPERATURE(°F)																													
IDB(°F)	CFM	-22			-13			-4			7			17			27			37			47			57			67		
		MBh	kw	COP	MBh	kw	COP	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	600	19.1	4.93	1.14	23.5	4.95	1.39	27.8	4.94	1.65	32.0	4.68	2.00	32.0	3.79	2.47	32.0	3.33	2.82	32.0	2.83	3.31	32.0	2.59	3.62	32.0	2.36	3.97	32.0	2.09	4.49
	800	20.9	5.40	1.13	25.7	5.42	1.39	30.3	5.41	1.64	34.9	5.13	1.99	34.9	4.16	2.46	34.9	3.65	2.80	34.9	3.10	3.30	34.9	2.84	3.60	34.9	2.59	3.95	34.9	2.29	4.47
	1000	22.3	5.79	1.13	27.4	5.80	1.38	32.4	5.79	1.64	37.3	5.49	1.99	37.3	4.45	2.46	37.3	3.91	2.80	37.3	3.32	3.29	37.3	3.04	3.60	37.3	2.77	3.95	37.3	2.45	4.46
	1200	23.6	6.11	1.13	29.0	6.13	1.39	34.3	6.12	1.64	39.4	5.81	1.99	39.4	4.70	2.46	39.4	4.13	2.80	39.4	3.51	3.29	39.4	3.21	3.60	39.4	2.93	3.94	39.4	2.59	4.46
	1300	24.1	6.25	1.13	29.7	6.27	1.39	35.1	6.26	1.64	40.4	5.93	2.00	40.4	4.81	2.46	40.4	4.22	2.81	40.3	3.58	3.30	40.3	3.28	3.60	40.3	3.00	3.94	40.3	2.64	4.47
70	600	16.9	4.28	1.16	20.8	4.29	1.42	24.6	4.29	1.68	28.3	4.07	2.04	28.3	3.29	2.52	28.3	2.89	2.87	28.3	2.45	3.39	28.3	2.25	3.69	28.3	2.05	4.05	28.3	1.81	4.58
	800	18.4	4.66	1.16	22.7	4.68	1.42	26.8	4.67	1.68	30.9	4.43	2.04	30.8	3.59	2.51	30.8	3.15	2.87	30.8	2.67	3.38	30.8	2.45	3.68	30.8	2.24	4.03	30.8	1.97	4.58
	1000	19.7	4.98	1.16	24																										

**HEATING-5TON**

INDOOR AIR		5TON SYSTEM-----EODA17H-4860ADA+EAHDEN-60BEA																													
		OUTDOOR AMBIENT TEMPERATURE(°F)																													
IDB(°F)	CFM	-22			-13			-4			7			17			27			37			47			57			67		
		MBh	kw	COP	MBh	kw	COP	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	21.9	5.35	1.20	26.8	5.40	1.45	31.5	5.43	1.70	37.8	5.45	2.03	40.8	4.97	2.41	45.6	4.89	2.73	50.9	4.64	3.22	51.9	4.33	3.51	51.9	3.96	3.84	51.9	3.56	4.27
	1200	23.8	5.86	1.19	29.2	5.92	1.45	34.3	5.94	1.69	41.2	5.96	2.03	44.5	5.45	2.39	49.7	5.36	2.72	55.5	5.08	3.20	56.6	4.74	3.50	56.6	4.33	3.83	56.6	3.90	4.25
	1500	25.5	6.27	1.19	31.2	6.33	1.44	36.7	6.36	1.69	44.1	6.39	2.02	47.6	5.83	2.39	53.1	5.74	2.71	59.3	5.44	3.19	60.5	5.08	3.49	60.5	4.64	3.82	60.5	4.18	4.24
	1750	26.7	6.57	1.19	32.7	6.64	1.44	38.4	6.67	1.69	46.1	6.69	2.02	49.8	6.11	2.39	55.6	6.01	2.71	62.1	5.70	3.19	63.4	5.32	3.49	63.4	4.86	3.82	63.4	4.38	4.24
	1900	27.4	6.74	1.19	33.5	6.81	1.44	39.4	6.84	1.69	47.3	6.86	2.02	51.1	6.27	2.39	57.0	6.16	2.71	63.7	5.85	3.19	65.0	5.46	3.49	65.0	4.98	3.83	65.0	4.49	4.24
70	900	19.3	4.64	1.22	23.6	4.69	1.47	27.8	4.71	1.73	33.4	4.73	2.07	36.1	4.31	2.45	40.3	4.25	2.78	45.0	4.03	3.27	45.9	3.76	3.58	45.9	3.43	3.92	45.9	3.09	4.35
	1200	21.1	5.06	1.22	25.8	5.11	1.48	30.3	5.14	1.73	36.4	5.15	2.07	39.3	4.70	2.45	43.9	4.63	2.78	49.0	4.39	3.27	50.0	4.10	3.57	50.0	3.74	3.92	50.0	3.37	4.36
	1500	22.5	5.41	1.22	27.6	5.47	1.48	32.4	5.49	1.73	38.9	5.51	2.07	42.0	5.03	2.45	47.0	4.95	2.78	52.4	4.69	3.27	53.5	4.38	3.58	53.5	4.00	3.92	53.5	3.60	4.36
	1750	23.6	5.65	1.22	28.9	5.71	1.48	33.9	5.74	1.73	40.8	5.76	2.08	44.0	5.26	2.45	49.2	5.17	2.79	54.9	4.91	3.28	56.0	4.58	3.58	56.0	4.18	3.93	56.0	3.77	4.35
	1900	24.2	5.79	1.22	29.6	5.85	1.48	34.8	5.88	1.73	41.8	5.89	2.08	45.1	5.38	2.46	50.4	5.30	2.79	56.3	5.02	3.29	57.4	4.69	3.59	57.4	4.28	3.93	57.4	3.85	4.37
75	900	16.8	3.96	1.24	20.5	4.00	1.50	24.1	4.02	1.76	29.0	4.03	2.11	31.3	3.68	2.49	35.0	3.62	2.83	39.1	3.43	3.34	39.8	3.21	3.63	39.8	2.93	3.98	39.8	2.64	4.42
	1200	18.3	4.30	1.25	22.4	4.35	1.51	26.3	4.37	1.76	31.6	4.38	2.11	34.1	4.00	2.50	38.1	3.94	2.83	42.6	3.73	3.35	43.4	3.49	3.64	43.4	3.18	4.00	43.4	2.87	4.43
	1500	19.6	4.59	1.25	23.9	4.63	1.51	28.1	4.66	1.77	33.8	4.67	2.12	36.5	4.27	2.51	40.8	4.20	2.85	45.5	3.98	3.35	46.4	3.71	3.67	46.4	3.39	4.01	46.4	3.05	4.46
	1750	20.5	4.79	1.25	25.1	4.84	1.52	29.5	4.86	1.78	35.4	4.88	2.13	38.2	4.45	2.52	42.7	4.38	2.86	47.7	4.15	3.37	48.6	3.88	3.67	48.6	3.54	4.02	48.6	3.19	4.47
	1900	21.0	4.89	1.26	25.7	4.94	1.52	30.2	4.97	1.78	36.3	4.98	2.14	39.2	4.55	2.53	43.8	4.48	2.87	48.9	4.25	3.37	49.8	3.96	3.69	49.8	3.62	4.03	49.8	3.26	4.48

©2025 ECOER INC.

4040 McDermott Road, Suite 200 Plano, Texas 75024

Tel: 703-348-2538

[www.ecoer.com](http://www.ecoer.com)