



ESi Decades Extreme Specifications

Up to 20 SEER2 / 9.2 HSPF2
 R-410A VARIABLE SPEED
 IoT TECHNOLOGY



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■ ODU Features

1. **Comfort.** Ecoer Smart Inverter (ESi) condensing units output flexible capacity from 25%-110% to achieve your desired temperature – no more, no less.
2. **Quiet.** Compressors are equipped with noise cancelling jacket.
3. **Free match.** ESi condensing units are compatible with most traditional indoor air handlers / furnaces and 24VAC controlled thermostats.
4. **Refrigerant AUTO charge.** ESi insures accurate refrigerant charge for every indoor coils match-up.
5. **Seasonable dehumidification.** Dry mode is specifically designed for high humidity areas.
6. **Load learning.** Load forecasting technology helps to save energy.
7. **Back-up running.** Continued operation up to 2 failed sensors.

■ 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. Dedicated Vertical up-flow and horizontal right-flow.
2. Multiple electrical entry locations.
3. Field installed electric heat kits 5, 10, 15, 20kW.
4. Two front panels (upper and lower) design for ease of maintenance.
5. Slide rail design for motor and coil for ease of installing and servicing.
6. Horizontal and vertical drain pan pre-installed.
7. Primary and secondary condensate drain fittings.
8. Two-stage fan control for better dehumidification.

1. Nomenclature

Outdoor Unit	E	O	D	A	18	H	-	4860	B	A	A
	1	2	3	4	5	6	7	8	9	10	
Brand E: Ecoer											
Product O: Top Discharge Condensing Unit											
Control Method D: Non-Communicating											
Power A: 208/230V-1Ph-60Hz											
SEER2 18: 18SEER2 Series											
Type H: Heat Pump C: Air Conditioner											
Capacity 2436: up to 3Ton 4860: up to 5Ton											
Series A, B, C etc. U: Ultra Heating											
Refrigerant A: R410A											
Revisions A, B, C etc.											

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

2. Dimensions

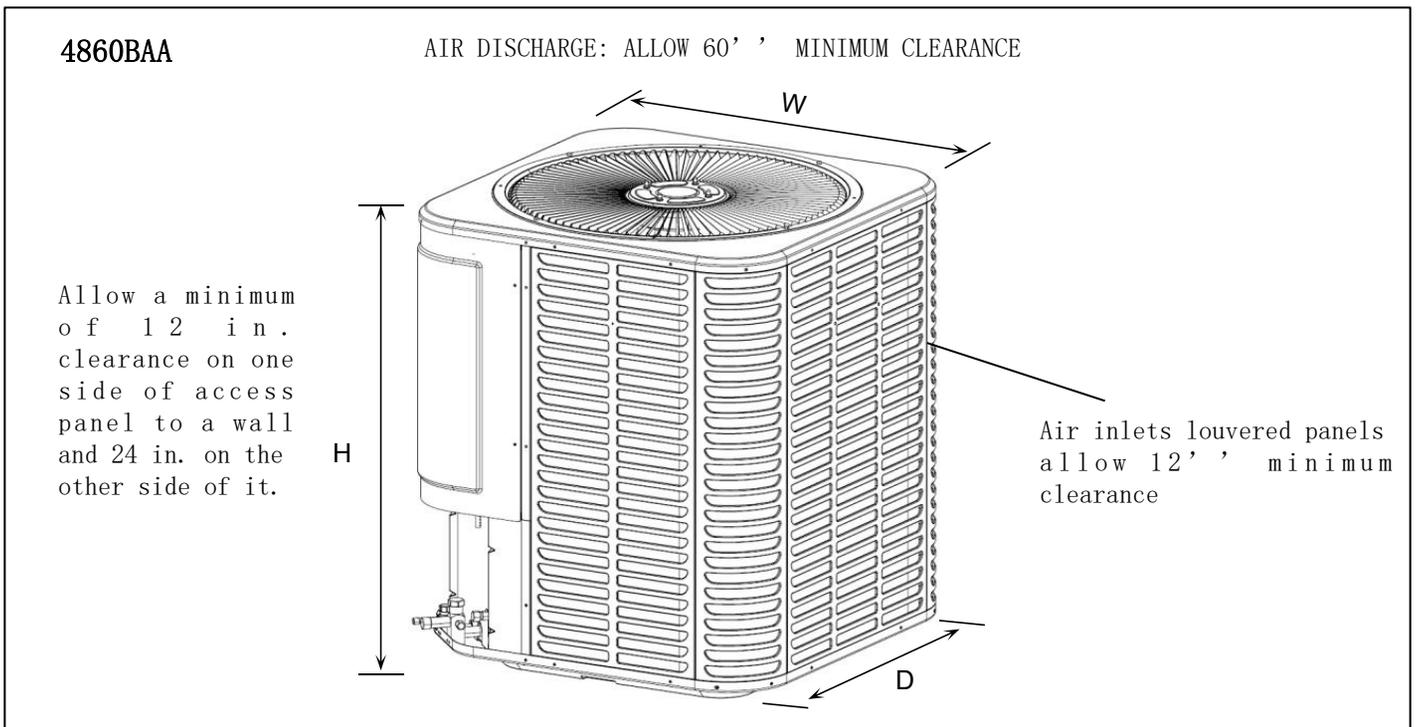
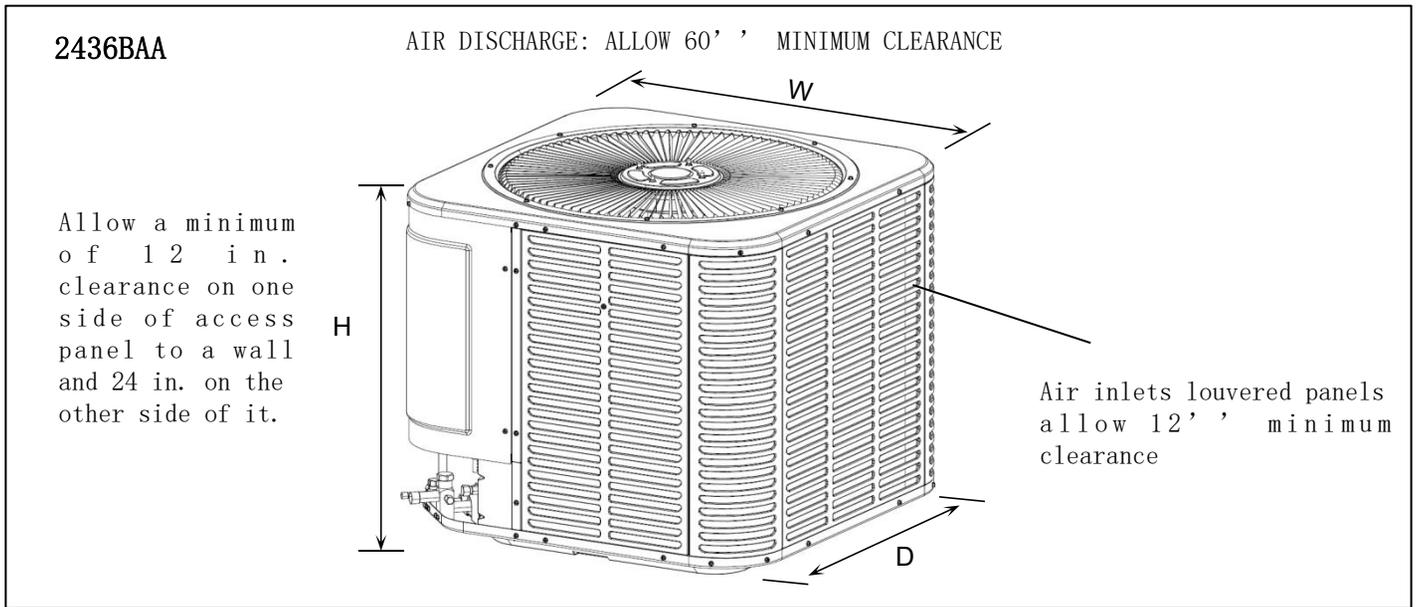


Fig 1. Condensing unit dimensions

Model	Dimensions (In. [mm])		
	H	W	D
2436BAA	24-15/16 [633]	29-1/8 [740]	29-1/8 [740]
4860BAA	33-3/16 [843]	29-1/8 [740]	29-1/8 [740]

Ecoer Smart Inverter condensing units (2436BAA and 4860BAA model) share the same chassis part.

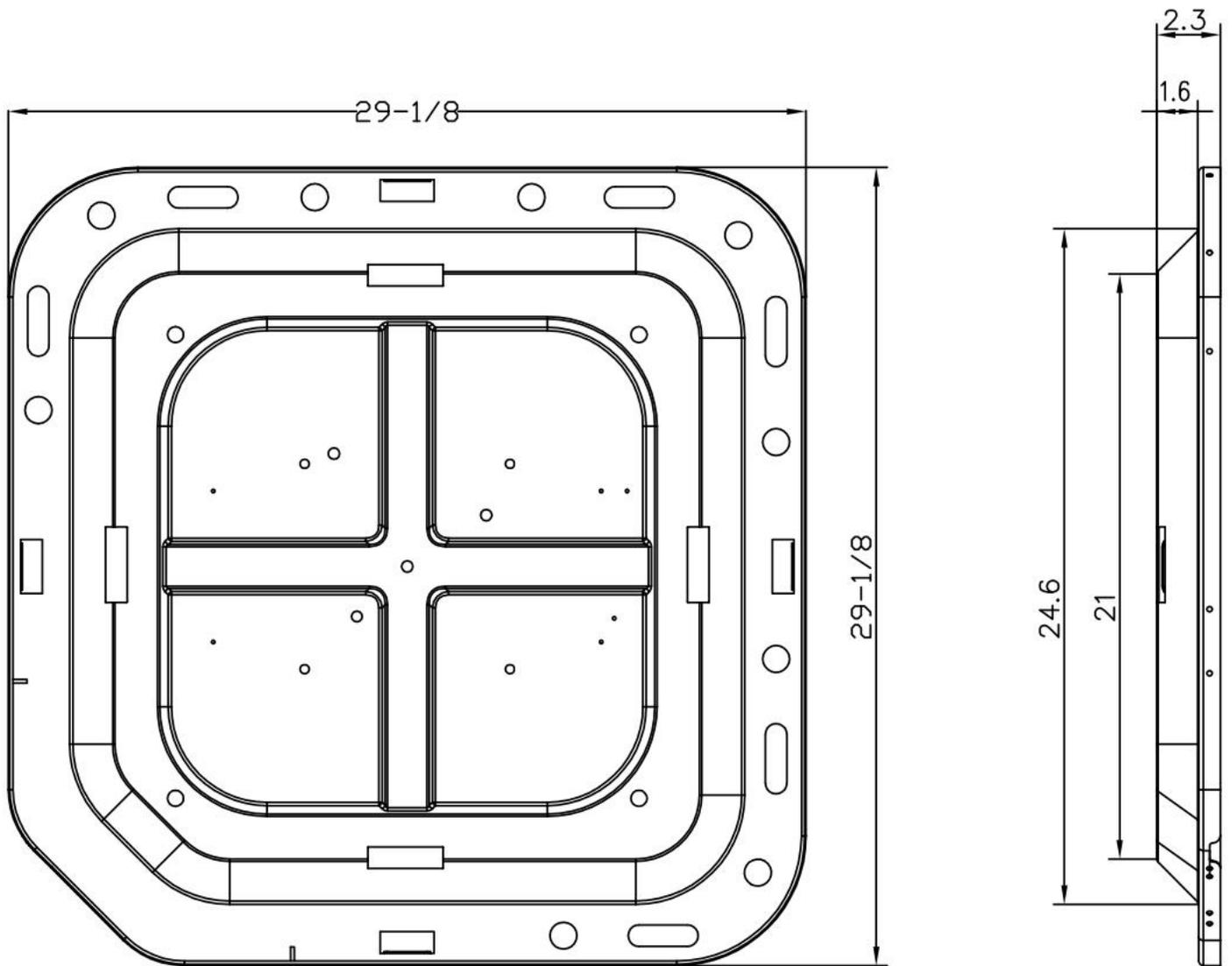


Fig 2. Chassis dimensions

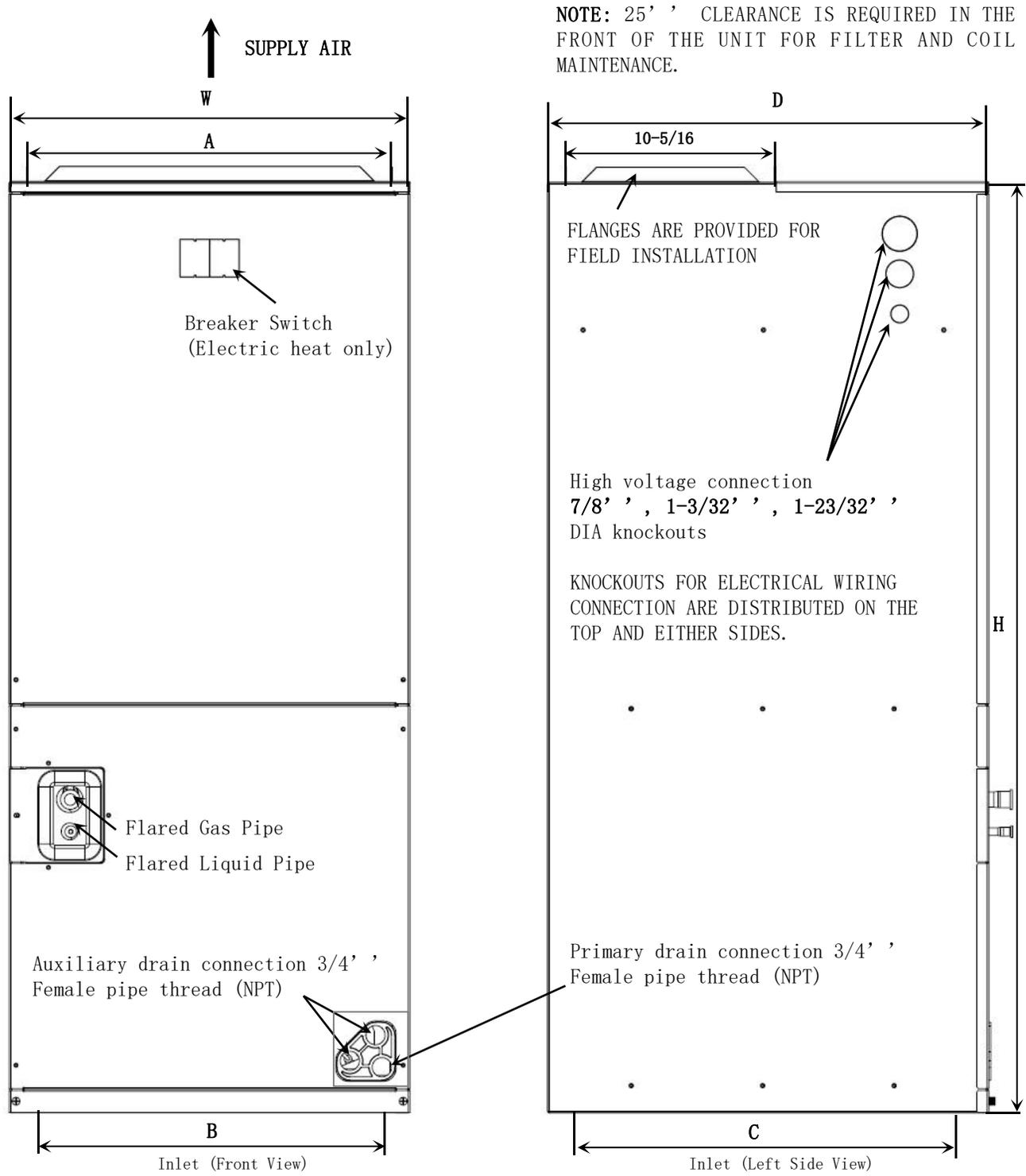


Fig 3. Air handler unit dimensions

Model	Dimensions Inch [mm]					
	"H" in.[mm]	"W" in.[mm]	"D" in.[mm]	"A" in.[mm]	"B" in.[mm]	"C" in.[mm]
24 / 36BAA	46-1/2" [1180]	21" [533]	21" [533]	19-1/4" [489]	13-7/8" [352]	16" [407]
48 / 60BAA	56" [1422]	24-1/2" [622]	21" [533]	22-3/4" [578]	15-1/4" [388]	16" [407]

3. Product Data

Outdoor Unit Model	2436BAA	2436BAA	4860BAA	4860BAA
Combination	2Ton	3Ton	4Ton	5Ton
Indoor Unit Model	24B	36B	48B	60B
Capacity ¹				
Cooling (BTU/h)	24000	34200	45000	54000
Heating (BTU/h)	24000	36000	47000	55000
Operation limit ²				
Cooling operation range	20~122°F	20~122°F	20~122°F	20~122°F
Heating operation range	-4~86°F	-4~86°F	-4~86°F	-4~86°F
Compressor				
RLA	17.5	17.5	24.0	24.0
LRA	27.9	27.9	58.1	58.1
Condenser Fan Motor				
Horse power (HP)	1/3	1/3	1/3	1/3
FLA	2.5	2.5	2.5	2.5
Refrigeration System				
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)	TXV	TXV	TXV	TXV
Heating Metering Device	EEV	EEV	EEV	EEV
Maximum Line Length	100FT	100FT	100FT	100FT
Maximum Elevation Difference	50FT	50FT	50FT	50FT
Electrical Data				
Voltage-Phase-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Minimum Circuit Ampacity ³	24.4	24.4	32.5	32.5
Max. Over-current Protection ⁴	40	40	50	50
Allowed Volts Range	187~253	187~253	187~253	187~253
Condenser Decibels (dB) ⁵	63/59/56	66/64/60	68/64/61	70/66/62
Equipment Weight (lbs)	150	150	194	194
Ship Weight (lbs) ⁶	181	181	227	227

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.

Outdoor Unit Model	4860BAA
Combination	Ultra 3Ton
Indoor Unit Model	36B
Capacity ¹	
Cooling (BTU/h)	35200
Heating (BTU/h)	36000
Operation limit ²	
Cooling operation range	20~122°F
Heating operation range	-4~86°F
Compressor	
RLA	24.0
LRA	58.1
Condenser Fan Motor	
Horsepower (HP)	1/3
FLA	2.5
Refrigeration System	
Refrigerant Line Size	
Liquid Line Size ("O.D.)	3/8"
Suction Line Size ("O.D.)	3/4"
Refrigerant Connection Size	
Liquid Line Size ("O.D.)	3/8"
Suction Line Size ("O.D.)	7/8"
Cooling Metering Device (Indoor Side)	TXV
Heating Metering Device	EEV
Maximum Line Length	100FT
Maximum Elevation Difference	50FT
Electrical Data	
Voltage-Phase-Hz	208/230-1-60
Minimum Circuit Ampacity ³	32.5
Max. Over-current Protection ⁴	50
Allowed Volts Range	187~253
Condenser Decibels (dB) ⁵	70/66/62
Equipment Weight (lbs)	194
Ship Weight (lbs) ⁶	227

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	24BAA	36BAA	48BAA	60BAA
Blower				
Diameter	10"	11"	11"	11"
Width	8"	10 ⁵ / ₈ "	10 ⁵ / ₈ "	10 ⁵ / ₈ "
Fan Motor				
Horsepower (HP)	1/3	1/2	3/4	3/4
Full Load Ampacity	2.4	4.1	6.0	6.0
Refrigeration System				
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	TXV	TXV	TXV	TXV
Coil Drain Connection (NPT)	3/4"	3/4"	3/4"	3/4"
Decibels (dB)				
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
Electrical Data				
Voltage-Phase-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Minimum Circuit Ampacity ¹	3.0	5.2	7.5	7.5
Max. Over-current Protection ²	15	15	15	15
Volts Range	187~253	187~253	187~253	187~253
Air Filter				
Air Filter Size (in.)	20×18	20×18	22×20	22×20
Weight				
Equipment Weight (lbs)	119	121	172	172
Ship Weight (lbs)	150	154	207	207

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.

Indoor airflow data is based on cooling performance at 230V with no electric heat 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.

Model	Motor Speed		SCFM / Watts									
			External Static Pressure-Inches W.C.[KPa]									
			0	0.1	0.16	0.2	0.3	0.4	0.5	0.6	0.7	0.8
			[0]	[.02]	[.04]	[.05]	[.07]	[.10]	[.12]	[.15]	[.17]	[.20]
24	Tap (5)	SCFM	1091	1041	1016	1001	950	905	857	803	740	691
		Watts	170	179	186	189	199	208	217	227	239	244
	Tap (4)-factory	SCFM	928	888	854	833	792	721	658	622	562	517
		Watts	106	117	121	124	135	143	154	162	170	178
	Tap (3)	SCFM	832	773	757	729	692	626	572	522	473	406
		Watts	78	84	90	92	101	111	121	128	134	144
	Tap (2)-factory	SCFM	708	655	620	599	539	478	423	389	331	279
		Watts	55	62	66	70	80	86	92	101	108	115
	Tap (1)	SCFM	658	573	548	521	446	403	342	289	230	189
		Watts	46	49	55	59	66	75	80	89	93	99
36	Tap (5)	SCFM	1458	1412	1390	1366	1320	1274	1194	1167	1072	1027
		Watts	280	295	298	300	308	317	327	337	350	357
	Tap (4)-factory	SCFM	1287	1240	1210	1192	1149	1077	1006	939	888	832
		Watts	203	212	216	221	228	232	246	258	266	272
	Tap (3)	SCFM	1133	1084	1057	1035	979	896	835	777	724	670
		Watts	147	154	157	162	169	180	190	197	204	211
	Tap (2)-factory	SCFM	929	872	839	796	716	653	598	527	460	380
		Watts	81	92	95	100	114	120	127	136	143	153
	Tap (1)	SCFM	802	756	692	651	594	525	453	355	270	210
		Watts	60	69	72	78	87	91	98	108	114	119
48	Tap (5)	SCFM	1952	1909	1884	1866	1827	1784	1740	1697	1658	1616
		Watts	574	581	585	589	596	608	611	623	635	643
	Tap (4)	SCFM	1766	1725	1701	1678	1643	1598	1551	1507	1457	1403
		Watts	418	429	436	443	453	462	468	479	485	496
	Tap (3)-factory	SCFM	1558	1514	1489	1471	1433	1389	1345	1302	1248	1191
		Watts	297	308	318	324	334	346	359	369	374	391
	Tap (2)	SCFM	1281	1261	1244	1199	1154	1111	1076	1015	966	912
		Watts	165	178	189	192	206	220	232	250	263	272
	Tap (1)-factory	SCFM	998	966	956	917	883	835	794	745	701	646
		Watts	89	103	111	115	130	146	159	174	181	196
60	Tap (5)	SCFM	1952	1909	1884	1866	1827	1784	1740	1697	1658	1616
		Watts	574	581	585	589	596	608	611	623	635	643
	Tap (4)-factory	SCFM	1766	1725	1701	1678	1643	1598	1551	1507	1457	1403
		Watts	418	429	436	443	453	462	468	479	485	496
	Tap (3)	SCFM	1558	1514	1489	1471	1433	1389	1345	1302	1248	1191
		Watts	297	308	318	324	334	346	359	369	374	391
	Tap (2)-factory	SCFM	1281	1261	1244	1199	1154	1111	1076	1015	966	912
		Watts	165	178	189	192	206	220	232	250	263	272
	Tap (1)	SCFM	998	966	956	917	883	835	794	745	701	646
		Watts	89	103	111	115	130	146	159	174	181	196

* Shaded boxes represent airflow outside the required 300-450 CFM/ton when full loaded(Y2).

* The motor speed in the factory corresponds to Y2/Y1 signal of the thermostat.

5. Performance Sheet

COOLING-2TON

2TON SYSTEM----EODA18H-2436BAA+EAHATN-24BAA																			
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	
550	65	TC	15.6	15.7	15.8	15.9	19.1	19.2	19.3	19.4	22.6	22.7	22.8	22.9	-	26.2	26.3	26.5	
		S/T	0.61	0.76	0.83	0.88	0.50	0.62	0.73	0.82	0.38	0.51	0.62	0.72	-	0.40	0.52	0.62	
		kW	0.67	0.67	0.68	0.68	0.85	0.86	0.86	0.87	1.06	1.06	1.07	1.07	-	1.28	1.29	1.30	
	75	TC	15.2	15.3	15.4	15.5	18.6	18.7	18.8	18.9	22.0	22.1	22.2	22.4	-	25.5	25.7	25.8	
		S/T	0.63	0.78	0.85	0.88	0.51	0.64	0.75	0.84	0.39	0.52	0.64	0.74	-	0.41	0.53	0.64	
		kW	0.77	0.77	0.78	0.78	0.98	0.98	0.99	1.00	1.21	1.21	1.22	1.23	-	1.46	1.47	1.48	
	85	TC	14.8	14.9	15.0	15.1	18.1	18.2	18.3	18.4	21.4	21.5	21.6	21.8	-	24.8	25.0	25.1	
		S/T	0.65	0.80	0.88	0.88	0.52	0.65	0.77	0.86	0.41	0.54	0.66	0.76	-	0.43	0.55	0.66	
		kW	0.88	0.89	0.89	0.90	1.12	1.13	1.13	1.14	1.38	1.39	1.40	1.41	-	1.67	1.69	1.69	
	95	TC	14.4	14.5	14.6	14.7	17.6	17.7	17.8	17.9	20.8	20.9	21.1	21.2	-	24.2	24.3	24.4	
		S/T	0.67	0.82	0.88	0.88	0.54	0.67	0.79	0.88	0.42	0.55	0.68	0.78	-	0.44	0.56	0.68	
		kW	1.03	1.04	1.05	1.05	1.31	1.32	1.33	1.33	1.61	1.62	1.64	1.65	-	1.95	1.96	1.97	
	105	TC	14.0	14.1	14.2	14.3	17.1	17.2	17.3	17.4	20.2	20.4	20.5	20.6	-	23.5	23.6	23.8	
		S/T	0.68	0.84	0.88	0.88	0.55	0.69	0.81	0.88	0.43	0.57	0.70	0.80	-	0.45	0.58	0.69	
		kW	1.15	1.16	1.17	1.18	1.46	1.47	1.48	1.49	1.79	1.82	1.83	1.84	-	2.17	2.19	2.21	
	115	TC	13.6	13.7	13.8	13.8	16.6	16.7	16.8	16.9	19.7	19.8	19.9	20.0	-	22.8	23.0	23.1	
		S/T	0.71	0.87	0.88	0.88	0.57	0.71	0.84	0.88	0.44	0.59	0.72	0.83	-	0.46	0.60	0.71	
		kW	1.28	1.29	1.30	1.30	1.62	1.63	1.65	1.66	2.00	2.01	2.03	2.04	-	2.41	2.43	2.45	
	600	65	TC	16.0	16.1	16.2	16.3	19.6	19.7	19.8	19.9	23.2	23.3	23.4	23.6	-	26.9	27.0	27.2
			S/T	0.63	0.78	0.85	0.90	0.51	0.64	0.75	0.84	0.39	0.52	0.64	0.74	-	0.41	0.53	0.64
			kW	0.68	0.69	0.69	0.70	0.87	0.88	0.88	0.89	1.08	1.09	1.09	1.11	-	1.31	1.32	1.33
		75	TC	15.6	15.7	15.8	15.9	19.1	19.2	19.3	19.4	22.6	22.7	22.8	22.9	-	26.2	26.3	26.5
			S/T	0.65	0.80	0.88	0.90	0.52	0.65	0.77	0.86	0.41	0.54	0.66	0.76	-	0.43	0.55	0.66
			kW	0.78	0.79	0.79	0.80	1.00	1.01	1.01	1.02	1.24	1.24	1.25	1.26	-	1.50	1.51	1.52
85		TC	15.2	15.3	15.4	15.5	18.6	18.7	18.8	18.9	22.0	22.1	22.2	22.3	-	25.5	25.6	25.8	
		S/T	0.67	0.82	0.90	0.90	0.54	0.67	0.79	0.88	0.42	0.55	0.68	0.78	-	0.44	0.56	0.67	
		kW	0.90	0.91	0.91	0.92	1.15	1.16	1.16	1.17	1.42	1.43	1.43	1.44	-	1.72	1.72	1.74	
95		TC	14.8	14.9	15.0	15.0	18.1	18.2	18.3	18.4	21.4	21.5	21.6	21.7	-	24.8	24.9	25.1	
		S/T	0.68	0.84	0.90	0.90	0.55	0.69	0.81	0.90	0.43	0.57	0.69	0.80	-	0.45	0.58	0.69	
		kW	1.05	1.06	1.07	1.07	1.34	1.35	1.36	1.37	1.65	1.66	1.67	1.68	-	2.00	2.01	2.03	
105		TC	14.4	14.5	14.6	14.6	17.6	17.7	17.8	17.9	20.8	20.9	21.0	21.1	-	24.1	24.3	24.4	
		S/T	0.70	0.87	0.90	0.90	0.57	0.71	0.83	0.90	0.44	0.58	0.71	0.82	-	0.46	0.60	0.71	
		kW	1.18	1.19	1.20	1.20	1.50	1.51	1.52	1.53	1.84	1.86	1.87	1.88	-	2.23	2.25	2.26	
115		TC	14.0	14.1	14.1	14.2	17.1	17.2	17.3	17.4	20.2	20.3	20.4	20.5	-	23.4	23.6	23.7	
		S/T	0.72	0.89	0.90	0.90	0.58	0.73	0.86	0.90	0.45	0.60	0.73	0.85	-	0.48	0.61	0.73	
		kW	1.31	1.32	1.32	1.34	1.67	1.68	1.69	1.70	2.05	2.06	2.07	2.08	-	2.47	2.49	2.51	
670		65	TC	16.6	16.7	16.8	16.9	20.3	20.4	20.5	20.6	23.9	24.1	24.2	24.3	-	27.8	27.9	28.1
			S/T	0.65	0.80	0.88	0.93	0.53	0.66	0.77	0.87	0.41	0.54	0.66	0.76	-	0.43	0.55	0.66
			kW	0.70	0.71	0.72	0.72	0.90	0.91	0.91	0.92	1.11	1.12	1.13	1.14	-	1.36	1.36	1.38
		75	TC	16.1	16.2	16.3	16.4	19.7	19.8	20.0	20.1	23.3	23.5	23.6	23.7	-	27.1	27.2	27.4
			S/T	0.67	0.82	0.91	0.93	0.54	0.68	0.79	0.89	0.42	0.56	0.68	0.79	-	0.44	0.57	0.68
			kW	0.80	0.81	0.82	0.82	1.03	1.03	1.05	1.05	1.27	1.29	1.29	1.30	-	1.55	1.56	1.57
	85	TC	15.7	15.8	15.9	16.0	19.2	19.3	19.4	19.5	22.7	22.8	23.0	23.1	-	26.4	26.5	26.6	
		S/T	0.69	0.85	0.93	0.93	0.55	0.69	0.81	0.91	0.43	0.57	0.70	0.81	-	0.45	0.58	0.70	
		kW	0.92	0.93	0.94	0.95	1.18	1.19	1.20	1.20	1.46	1.47	1.48	1.49	-	1.78	1.78	1.79	
	95	TC	15.3	15.4	15.5	15.6	18.7	18.8	18.9	19.0	22.1	22.2	22.3	22.5	-	25.6	25.8	25.9	
		S/T	0.71	0.87	0.93	0.93	0.57	0.71	0.84	0.93	0.44	0.59	0.72	0.83	-	0.46	0.60	0.72	
		kW	1.08	1.09	1.10	1.11	1.38	1.39	1.40	1.41	1.70	1.71	1.72	1.74	-	2.06	2.08	2.09	
	105	TC	14.9	15.0	15.0	15.1	18.2	18.3	18.4	18.5	21.5	21.6	21.7	21.8	-	24.9	25.1	25.2	
		S/T	0.73	0.89	0.93	0.93	0.59	0.73	0.86	0.93	0.45	0.60	0.74	0.85	-	0.48	0.62	0.74	
		kW	1.21	1.22	1.22	1.23	1.54	1.55	1.57	1.58	1.90	1.91	1.92	1.94	-	2.30	2.32	2.33	
	115	TC	14.4	14.5	14.6	14.7	17.7	17.8	17.9	18.0	20.9	21.0	21.1	21.2	-	24.2	24.4	24.5	
		S/T	0.75	0.92	0.93	0.93	0.60	0.75	0.89	0.93	0.47	0.62	0.76	0.88	-	0.49	0.63	0.76	
		kW	1.34	1.35	1.36	1.38	1.72	1.73	1.74	1.75	2.11	2.13	2.14	2.15	-	2.55	2.58	2.59	
	750	65	TC	17.1	17.2	17.3	17.4	21.0	21.1	21.2	21.3	24.8	24.9	25.0	25.2	-	28.7	28.9	29.1
			S/T	0.67	0.83	0.91	0.96	0.54	0.68	0.80	0.90	0.42	0.56	0.68	0.79	-	0.44	0.57	0.68
			kW	0.72	0.73	0.73	0.74	0.93	0.94	0.94	0.95	1.15	1.16	1.17	1.18	-	1.40	1.41	1.43
		75	TC	16.7	16.8	16.9	17.0	20.4	20.5	20.6	20.8	24.1	24.3	24.4	24.5	-	28.0	28.2	28.3
			S/T	0.69	0.85	0.94	0.96	0.56	0.70	0.82	0.92	0.43	0.57	0.70	0.81	-	0.46	0.59	0.70
			kW	0.83	0.84	0.84	0.85	1.06	1.07	1.08	1.09	1.31	1.33	1.34	1.34	-	1.60	1.62	1.62
85		TC	16.3	16.4	16.4	16.5	19.9	20.0	20.1	20.2	23.5	23.6	23.8	23.9	-	27.3	27.4	27.6	
		S/T	0.71	0.88	0.96	0.96	0.57	0.72	0.84	0.95	0.45	0.59	0.72	0.83	-	0.47	0.60	0.72	
		kW	0.96	0.96	0.96	0.97	1.22	1.23	1.24	1.24	1.51	1.52	1.53	1.54	-	1.84	1.84	1.86	
95		TC	15.8	15.9	16.0	16.1	19.3	19.5	19.6	19.7	22.9	23.0	23.1	23.2	-	26.5	26.7	26.8	
		S/T	0.73	0.90	0.96	0.96	0.59	0.74	0.87	0.96	0.46	0.61	0.74	0.86	-	0.48	0.62	0.74	
		kW	1.11	1.12	1.13	1.14	1.42	1.44	1.45	1.46	1.76	1.77	1.78	1.79	-	2.13	2.15	2.16	
105		TC	15.4	15.5	15.6	15.6	18.8	18.9	19.0	19.1	22.2	22.3	22.5	22.6	-	25.8	25.9	26.1	
		S/T	0.75	0.93	0.96	0.96	0.61	0.76	0.89	0.96	0.47	0.62	0.76	0.88	-	0.49	0.64	0.76	

COOLING-3TON

3TON SYSTEM----EODA18H-2436BAA+EAHATN-36BAA																		
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
700	65	TC	21.6	21.7	21.8	21.9	26.4	26.5	26.7	26.8	31.2	31.3	31.5	31.7	-	36.2	36.4	36.6
		S/T	0.59	0.72	0.80	0.85	0.47	0.59	0.70	0.78	0.37	0.49	0.60	0.69	-	0.39	0.50	0.60
		kW	1.07	1.08	1.09	1.09	1.37	1.38	1.39	1.39	1.69	1.69	1.71	1.72	-	2.05	2.06	2.08
	75	TC	21.0	21.1	21.3	21.4	25.7	25.8	26.0	26.1	30.4	30.5	30.7	30.9	-	35.2	35.4	35.6
		S/T	0.60	0.74	0.82	0.85	0.49	0.61	0.72	0.80	0.38	0.50	0.61	0.71	-	0.40	0.51	0.61
		kW	1.23	1.24	1.25	1.26	1.57	1.57	1.59	1.60	1.93	1.94	1.96	1.97	-	2.33	2.35	2.37
	85	TC	20.5	20.6	20.7	20.8	25.0	25.2	25.3	25.4	29.6	29.7	29.9	30.1	-	34.3	34.5	34.7
		S/T	0.62	0.76	0.84	0.85	0.50	0.63	0.73	0.82	0.39	0.51	0.63	0.73	-	0.41	0.53	0.63
		kW	1.42	1.42	1.43	1.44	1.80	1.81	1.82	1.83	2.21	2.22	2.24	2.26	-	2.67	2.69	2.71
	95	TC	19.9	20.0	20.1	20.3	24.3	24.5	24.6	24.8	28.8	28.9	29.1	29.3	-	33.4	33.6	33.8
		S/T	0.64	0.78	0.85	0.85	0.51	0.64	0.76	0.85	0.40	0.53	0.65	0.75	-	0.42	0.54	0.65
		kW	1.65	1.66	1.67	1.69	2.10	2.12	2.13	2.15	2.58	2.60	2.62	2.64	-	3.12	3.14	3.17
	105	TC	19.4	19.5	19.6	19.7	23.7	23.8	23.9	24.1	28.0	28.1	28.3	28.4	-	32.5	32.6	32.8
		S/T	0.66	0.81	0.85	0.85	0.53	0.66	0.78	0.85	0.41	0.54	0.67	0.77	-	0.43	0.56	0.66
		kW	1.86	1.87	1.88	1.89	2.35	2.36	2.38	2.40	2.89	2.90	2.92	2.94	-	3.48	3.50	3.53
	115	TC	18.8	18.9	19.0	19.1	23.0	23.1	23.3	23.4	27.2	27.3	27.5	27.6	-	31.5	31.7	31.9
		S/T	0.67	0.83	0.85	0.85	0.54	0.68	0.80	0.85	0.42	0.56	0.68	0.79	-	0.44	0.57	0.68
		kW	2.06	2.07	2.09	2.10	2.61	2.63	2.65	2.67	3.20	3.22	3.25	3.26	-	3.85	3.89	3.92
800	65	TC	22.5	22.6	22.7	22.8	27.5	27.6	27.8	27.9	32.4	32.6	32.8	33.0	-	37.6	37.9	38.1
		S/T	0.61	0.75	0.83	0.89	0.49	0.62	0.73	0.81	0.38	0.51	0.62	0.72	-	0.40	0.52	0.62
		kW	1.11	1.12	1.12	1.13	1.42	1.43	1.44	1.45	1.75	1.76	1.78	1.79	-	2.12	2.14	2.16
	75	TC	21.9	22.0	22.1	22.3	26.7	26.9	27.0	27.2	31.6	31.8	32.0	32.1	-	36.7	36.9	37.1
		S/T	0.63	0.77	0.85	0.89	0.51	0.63	0.74	0.84	0.39	0.52	0.64	0.74	-	0.41	0.53	0.64
		kW	1.27	1.28	1.29	1.30	1.62	1.63	1.64	1.66	2.00	2.02	2.03	2.04	-	2.43	2.45	2.47
	85	TC	21.3	21.4	21.5	21.7	26.0	26.2	26.3	26.5	30.8	31.0	31.1	31.3	-	35.7	35.9	36.1
		S/T	0.65	0.79	0.87	0.89	0.52	0.65	0.76	0.86	0.40	0.54	0.66	0.76	-	0.42	0.55	0.65
		kW	1.46	1.47	1.48	1.49	1.86	1.88	1.88	1.90	2.30	2.32	2.33	2.34	-	2.78	2.80	2.82
	95	TC	20.7	20.8	21.0	21.1	25.3	25.5	25.6	25.8	29.9	30.1	30.3	30.5	-	34.7	34.9	35.1
		S/T	0.66	0.82	0.89	0.89	0.53	0.67	0.79	0.88	0.42	0.55	0.67	0.78	-	0.44	0.56	0.67
		kW	1.71	1.72	1.74	1.75	2.17	2.19	2.20	2.22	2.67	2.70	2.72	2.74	-	3.24	3.26	3.28
	105	TC	20.2	20.3	20.4	20.5	24.6	24.8	24.9	25.1	29.1	29.3	29.4	29.6	-	33.8	34.0	34.2
		S/T	0.68	0.84	0.89	0.89	0.55	0.69	0.81	0.89	0.43	0.57	0.69	0.80	-	0.45	0.58	0.69
		kW	1.92	1.93	1.94	1.95	2.43	2.45	2.46	2.49	2.99	3.01	3.03	3.05	-	3.62	3.64	3.67
	115	TC	19.6	19.7	19.8	19.9	23.9	24.1	24.2	24.3	28.3	28.4	28.6	28.8	-	32.8	33.0	33.2
		S/T	0.70	0.86	0.89	0.89	0.57	0.71	0.83	0.89	0.44	0.58	0.71	0.82	-	0.46	0.59	0.71
		kW	2.13	2.15	2.16	2.17	2.70	2.73	2.74	2.75	3.32	3.34	3.37	3.40	-	4.01	4.04	4.07
950	65	TC	23.6	23.8	23.9	24.0	28.9	29.1	29.2	29.4	34.2	34.4	34.5	34.7	-	39.6	39.9	40.1
		S/T	0.64	0.79	0.87	0.93	0.52	0.65	0.76	0.86	0.40	0.53	0.65	0.76	-	0.42	0.55	0.65
		kW	1.16	1.17	1.18	1.18	1.49	1.50	1.51	1.52	1.84	1.86	1.86	1.88	-	2.24	2.26	2.27
	75	TC	23.0	23.2	23.3	23.4	28.2	28.3	28.5	28.6	33.3	33.5	33.7	33.8	-	38.6	38.8	39.1
		S/T	0.66	0.81	0.90	0.93	0.53	0.67	0.78	0.88	0.41	0.55	0.67	0.78	-	0.43	0.56	0.67
		kW	1.33	1.34	1.35	1.36	1.70	1.71	1.73	1.73	2.10	2.12	2.14	2.15	-	2.55	2.57	2.60
	85	TC	22.4	22.6	22.7	22.8	27.4	27.6	27.7	27.9	32.4	32.6	32.8	33.0	-	37.6	37.8	38.0
		S/T	0.68	0.84	0.92	0.93	0.55	0.69	0.81	0.90	0.43	0.56	0.69	0.80	-	0.45	0.58	0.69
		kW	1.53	1.54	1.55	1.56	1.95	1.97	1.98	1.99	2.41	2.43	2.45	2.47	-	2.92	2.95	2.97
	95	TC	21.8	22.0	22.1	22.2	26.7	26.8	27.0	27.1	31.5	31.7	31.9	32.1	-	36.6	36.8	37.0
		S/T	0.70	0.86	0.93	0.93	0.56	0.70	0.83	0.93	0.44	0.58	0.71	0.82	-	0.46	0.59	0.71
		kW	1.78	1.80	1.81	1.82	2.28	2.29	2.31	2.32	2.81	2.83	2.85	2.88	-	3.41	3.44	3.46
	105	TC	21.2	21.3	21.5	21.6	25.9	26.1	26.2	26.4	30.7	30.8	31.0	31.2	-	35.6	35.8	36.0
		S/T	0.72	0.88	0.93	0.93	0.58	0.72	0.85	0.93	0.45	0.60	0.73	0.84	-	0.47	0.61	0.73
		kW	2.00	2.01	2.03	2.04	2.54	2.57	2.58	2.60	3.14	3.16	3.18	3.21	-	3.80	3.83	3.86
	115	TC	20.6	20.7	20.8	21.0	25.2	25.3	25.5	25.6	28.6	28.7	28.9	29.1	-	32.5	32.7	32.8
		S/T	0.74	0.91	0.93	0.93	0.60	0.75	0.88	0.93	0.46	0.61	0.75	0.87	-	0.49	0.63	0.75
		kW	2.22	2.24	2.25	2.27	2.83	2.84	2.87	2.88	3.31	3.32	3.35	3.38	-	3.89	3.92	3.94
1080	65	TC	24.6	24.7	24.9	25.0	30.0	30.2	30.4	30.5	35.5	35.7	35.9	36.1	-	41.2	41.4	41.6
		S/T	0.67	0.82	0.91	0.97	0.54	0.68	0.79	0.89	0.42	0.56	0.68	0.79	-	0.44	0.57	0.68
		kW	1.20	1.21	1.22	1.23	1.54	1.55	1.56	1.57	1.91	1.92	1.94	1.95	-	2.33	2.34	2.36
	75	TC	23.9	24.1	24.2	24.3	29.3	29.4	29.6	29.8	34.6	34.8	35.0	35.2	-	40.1	40.4	40.6
		S/T	0.69	0.85	0.93	0.97	0.55	0.69	0.82	0.91	0.43	0.57	0.70	0.81	-	0.45	0.58	0.70
		kW	1.37	1.39	1.39	1.40	1.77	1.77	1.79	1.80	2.18	2.20	2.22	2.23	-	2.65	2.68	2.70
	85	TC	23.3	23.4	23.6	23.7	28.5	28.7	28.8	29.0	33.7	33.9	34.1	34.2	-	39.1	39.3	39.5
		S/T	0.71	0.87	0.96	0.97	0.57	0.71	0.84	0.94	0.44	0.59	0.72	0.83	-	0.46	0.60	0.72
		kW	1.58	1.59	1.60	1.61	2.02	2.04	2.05	2.07	2.50	2.52	2.54	2.55	-	3.04	3.06	3.08
	95	TC	22.7	22.8	22.9	23.1	27.7	27.9	28.0	28.2	32.8	33.0	33.1	33.3	-	38.0	38.2	38.4
		S/T	0.73	0.89	0.97	0.97	0.59	0.73	0.86	0.96	0.45	0.60	0.74	0.85	-	0.48	0.61	0.74
		kW	1.85	1.86	1.87	1.89	2.36	2.38	2.39	2.41	2.92	2.94	2.95	2.98	-	3.54	3.56	3.59
	105	TC	22.1	22.2	22.3	22.4	27.0	27.1	27.3	27.4	31.9	32.0	32.2	32.4	-	36.4	36.6	36.8
		S/T	0.75	0.92	0.97	0.97	0.60	0.75	0.88	0.97	0.47	0.62	0.76	0.88	-	0.49	0.63	0.76
		kW	2.07	2.08														

COOLING-ULTRA 3TON

ULTRA 3TON SYSTEM-----EODA18H-4860BAA+EAHATN-36BAA																			
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
700	65	TC	22.2	22.3	22.5	22.6	27.1	27.3	27.4	27.6	32.1	32.3	32.4	32.6	-	37.2	37.4	37.6	
		S/T	0.57	0.70	0.78	0.85	0.46	0.58	0.68	0.76	0.36	0.48	0.58	0.67	-	0.38	0.48	0.58	
		kW	1.03	1.04	1.05	1.05	1.31	1.32	1.33	1.34	1.62	1.63	1.64	1.65	-	1.96	1.98	1.99	
	75	TC	21.6	21.8	21.9	22.0	26.4	26.6	26.7	26.9	31.3	31.4	31.6	31.8	-	36.3	36.5	36.7	
		S/T	0.59	0.72	0.80	0.85	0.47	0.59	0.70	0.78	0.37	0.49	0.60	0.69	-	0.39	0.50	0.60	
		kW	1.18	1.19	1.20	1.21	1.50	1.52	1.52	1.54	1.86	1.86	1.88	1.89	-	2.25	2.26	2.28	
	85	TC	21.1	21.2	21.3	21.4	25.8	25.9	26.0	26.2	30.4	30.6	30.8	30.9	-	35.3	35.5	35.7	
		S/T	0.60	0.74	0.82	0.85	0.49	0.61	0.72	0.80	0.38	0.50	0.61	0.71	-	0.40	0.51	0.61	
		kW	1.36	1.37	1.38	1.38	1.73	1.74	1.75	1.76	2.12	2.14	2.16	2.16	-	2.57	2.59	2.61	
	95	TC	20.5	20.6	20.7	20.8	25.1	25.2	25.3	25.5	29.6	29.8	29.9	30.1	-	34.4	34.6	34.7	
		S/T	0.62	0.76	0.84	0.85	0.50	0.63	0.74	0.82	0.39	0.51	0.63	0.73	-	0.41	0.53	0.63	
		kW	1.59	1.60	1.61	1.62	2.02	2.03	2.04	2.06	2.48	2.50	2.51	2.53	-	3.00	3.02	3.03	
	105	TC	19.9	20.0	20.2	20.3	24.4	24.5	24.6	24.8	28.8	29.0	29.1	29.3	-	33.4	33.6	33.8	
		S/T	0.64	0.79	0.85	0.85	0.51	0.64	0.76	0.85	0.40	0.53	0.65	0.75	-	0.42	0.54	0.65	
		kW	1.78	1.79	1.81	1.82	2.26	2.27	2.28	2.30	2.77	2.79	2.81	2.83	-	3.34	3.37	3.39	
	115	TC	19.4	19.5	19.6	19.7	23.7	23.8	23.9	24.1	28.0	28.1	28.3	28.4	-	32.5	32.6	32.8	
		S/T	0.66	0.81	0.85	0.85	0.53	0.66	0.78	0.85	0.41	0.55	0.67	0.77	-	0.43	0.56	0.67	
		kW	1.99	2.00	2.01	2.02	2.51	2.53	2.54	2.56	3.08	3.09	3.12	3.13	-	3.71	3.73	3.76	
800	65	TC	23.1	23.2	23.4	23.5	28.3	28.4	28.6	28.7	33.4	33.6	33.8	34.0	-	38.7	39.0	39.2	
		S/T	0.60	0.73	0.81	0.88	0.48	0.60	0.71	0.79	0.37	0.49	0.61	0.70	-	0.39	0.50	0.60	
		kW	1.07	1.07	1.08	1.09	1.36	1.37	1.38	1.39	1.68	1.70	1.71	1.72	-	2.04	2.06	2.07	
	75	TC	22.5	22.7	22.8	22.9	27.5	27.7	27.8	28.0	32.5	32.7	32.9	33.1	-	37.8	38.0	38.2	
		S/T	0.61	0.75	0.83	0.89	0.49	0.62	0.73	0.81	0.38	0.51	0.62	0.72	-	0.40	0.52	0.62	
		kW	1.22	1.23	1.24	1.25	1.56	1.57	1.58	1.59	1.92	1.94	1.95	1.97	-	2.34	2.35	2.37	
	85	TC	21.9	22.1	22.2	22.3	26.8	27.0	27.1	27.3	31.7	31.9	32.0	32.2	-	36.8	37.0	37.2	
		S/T	0.63	0.77	0.85	0.89	0.51	0.63	0.74	0.84	0.39	0.52	0.64	0.74	-	0.41	0.53	0.64	
		kW	1.40	1.42	1.43	1.43	1.79	1.81	1.81	1.83	2.21	2.22	2.23	2.25	-	2.67	2.69	2.71	
	95	TC	21.3	21.5	21.6	21.7	26.1	26.2	26.4	26.5	30.8	31.0	31.2	31.3	-	35.8	36.0	36.2	
		S/T	0.65	0.79	0.87	0.89	0.52	0.65	0.77	0.86	0.40	0.54	0.66	0.76	-	0.42	0.55	0.65	
		kW	1.64	1.66	1.67	1.68	2.09	2.10	2.12	2.13	2.57	2.59	2.61	2.62	-	3.12	3.14	3.16	
	105	TC	20.7	20.9	21.0	21.1	25.4	25.5	25.6	25.8	30.0	30.1	30.3	30.5	-	34.8	35.0	35.2	
		S/T	0.66	0.82	0.89	0.89	0.54	0.67	0.79	0.88	0.40	0.55	0.67	0.78	-	0.44	0.56	0.67	
		kW	1.84	1.86	1.87	1.88	2.34	2.35	2.36	2.39	2.88	2.89	2.91	2.94	-	3.48	3.50	3.53	
	115	TC	20.2	20.3	20.4	20.5	24.6	24.8	24.9	25.0	29.1	29.3	29.4	29.6	-	33.8	34.0	34.2	
		S/T	0.68	0.84	0.89	0.89	0.55	0.69	0.81	0.89	0.43	0.57	0.69	0.80	-	0.45	0.58	0.69	
		kW	2.05	2.07	2.08	2.09	2.59	2.62	2.63	2.64	3.19	3.21	3.23	3.26	-	3.85	3.88	3.91	
950	65	TC	24.3	24.5	24.6	24.7	29.7	29.9	30.1	30.2	35.2	35.4	35.6	35.7	-	40.8	41.0	41.2	
		S/T	0.63	0.77	0.85	0.93	0.51	0.63	0.74	0.83	0.39	0.52	0.64	0.74	-	0.41	0.53	0.64	
		kW	1.11	1.12	1.13	1.14	1.42	1.44	1.45	1.46	1.77	1.78	1.80	1.80	-	2.15	2.16	2.18	
	75	TC	23.7	23.8	24.0	24.1	29.0	29.1	29.3	29.5	34.3	34.4	34.6	34.8	-	39.7	40.0	40.2	
		S/T	0.64	0.79	0.87	0.93	0.52	0.65	0.76	0.86	0.40	0.53	0.65	0.76	-	0.42	0.55	0.65	
		kW	1.28	1.28	1.30	1.30	1.64	1.64	1.66	1.67	2.02	2.03	2.05	2.06	-	2.45	2.48	2.49	
	85	TC	23.1	23.2	23.4	23.5	28.2	28.4	28.5	28.7	33.4	33.5	33.7	33.9	-	38.7	38.9	39.1	
		S/T	0.66	0.81	0.90	0.93	0.53	0.67	0.78	0.88	0.41	0.55	0.67	0.78	-	0.43	0.56	0.67	
		kW	1.47	1.48	1.49	1.50	1.87	1.89	1.90	1.91	2.32	2.33	2.35	2.36	-	2.81	2.83	2.85	
	95	TC	22.5	22.6	22.7	22.8	27.5	27.6	27.8	27.9	32.5	32.6	32.8	33.0	-	37.7	37.9	38.1	
		S/T	0.68	0.84	0.92	0.93	0.55	0.69	0.81	0.90	0.43	0.56	0.69	0.80	-	0.45	0.58	0.69	
		kW	1.72	1.73	1.74	1.75	2.19	2.20	2.22	2.23	2.71	2.72	2.74	2.76	-	3.28	3.30	3.33	
	105	TC	21.8	22.0	22.1	22.2	26.7	26.8	27.0	27.1	31.6	31.7	31.9	32.1	-	36.6	36.8	37.0	
		S/T	0.70	0.86	0.93	0.93	0.56	0.71	0.83	0.93	0.44	0.58	0.71	0.82	-	0.46	0.59	0.71	
		kW	1.92	1.94	1.95	1.96	2.45	2.46	2.48	2.49	3.02	3.03	3.06	3.08	-	3.65	3.67	3.70	
	115	TC	21.2	21.3	21.5	21.6	25.9	26.1	26.2	26.4	30.6	30.8	31.0	31.2	-	35.6	35.8	36.0	
		S/T	0.72	0.89	0.93	0.93	0.58	0.73	0.85	0.93	0.45	0.60	0.73	0.84	-	0.47	0.61	0.73	
		kW	2.14	2.15	2.17	2.18	2.71	2.74	2.75	2.78	3.34	3.36	3.39	3.42	-	4.05	4.08	4.11	
1080	65	TC	25.3	25.4	25.6	25.7	30.9	31.1	31.3	31.4	36.5	36.7	36.9	37.2	-	42.4	42.6	42.9	
		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	1.15	1.16	1.17	1.18	1.48	1.49	1.50	1.51	1.83	1.85	1.86	1.88	-	2.24	2.25	2.27	
	75	TC	24.6	24.8	24.9	25.1	30.1	30.3	30.5	30.6	35.6	35.8	36.0	36.2	-	41.3	41.5	41.8	
		S/T	0.67	0.82	0.91	0.97	0.54	0.68	0.79	0.89	0.42	0.56	0.68	0.79	-	0.44	0.57	0.68	
		kW	1.32	1.33	1.34	1.35	1.69	1.71	1.72	1.73	2.10	2.11	2.13	2.14	-	2.55	2.57	2.59	
	85	TC	24.0	24.1	24.3	24.4	29.3	29.5	29.7	29.8	34.7	34.9	35.1	35.2	-	40.2	40.4	40.7	
		S/T	0.69	0.85	0.93	0.97	0.55	0.69	0.82	0.91	0.43	0.57	0.70	0.81	-	0.45	0.58	0.70	
		kW	1.52	1.53	1.54	1.55	1.94	1.96	1.97	1.98	2.40	2.42	2.44	2.45	-	2.92	2.94	2.97	
	95	TC	23.3	23.5	23.6	23.7	28.5	28.7	28.9	29.0	33.7	33.9	34.1	34.3	-	39.1	39.4	39.6	
		S/T	0.71	0.87	0.96	0.97	0.57	0.71	0.84	0.94	0.44	0.59	0.72	0.83	-	0.46	0.60	0.72	
		kW	1.77	1.79	1.80	1.81	2.26	2.28	2.30	2.31	2.80	2.82	2.84	2.86	-	3.40	3.43	3.46	
	105	TC	22.7	22.8	23.0	23.1	27.7	27.9	28.1	28.2	32.8	33.0	33.2	33.3	-	38.0	38.3	38.5	
		S/T	0.73	0.89	0.97	0.97	0.59	0.73	0.86	0.97	0.45	0.60	0.74	0.85	-	0.48	0.62	0.74	

COOLING-4TON

4TON SYSTEM----EODA18H-4860BAA+EAHATN-48BAA																			
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	
970	65	TC	29.0	29.2	29.3	29.5	35.4	35.6	35.8	36.0	41.9	42.1	42.4	42.6	-	48.6	48.9	49.1	
		S/T	0.60	0.74	0.81	0.87	0.48	0.61	0.71	0.80	0.38	0.50	0.61	0.70	-	0.39	0.51	0.61	
		kW	1.38	1.39	1.40	1.41	1.76	1.77	1.78	1.79	2.17	2.18	2.20	2.22	-	2.63	2.65	2.67	
	75	TC	28.3	28.4	28.6	28.7	34.5	34.7	34.9	35.1	40.8	41.0	41.3	41.5	-	47.4	47.6	47.9	
		S/T	0.62	0.76	0.84	0.87	0.50	0.62	0.73	0.82	0.39	0.51	0.63	0.72	-	0.41	0.52	0.63	
		kW	1.58	1.59	1.60	1.61	2.01	2.03	2.04	2.06	2.48	2.50	2.52	2.54	-	3.01	3.03	3.05	
	85	TC	27.5	27.7	27.8	28.0	33.6	33.8	34.0	34.2	39.7	40.0	40.2	40.4	-	46.1	46.4	46.6	
		S/T	0.63	0.78	0.86	0.87	0.51	0.64	0.75	0.84	0.40	0.53	0.64	0.74	-	0.42	0.54	0.64	
		kW	1.82	1.83	1.84	1.86	2.31	2.33	2.34	2.36	2.84	2.87	2.89	2.91	-	3.44	3.47	3.49	
	95	TC	26.8	26.9	27.1	27.2	32.7	32.9	33.1	33.3	38.7	38.9	39.1	39.3	-	44.9	45.1	45.4	
		S/T	0.65	0.80	0.87	0.87	0.52	0.66	0.77	0.87	0.41	0.54	0.66	0.76	-	0.43	0.55	0.66	
		kW	2.13	2.14	2.16	2.17	2.70	2.72	2.74	2.76	3.33	3.35	3.37	3.39	-	4.02	4.05	4.08	
	105	TC	26.0	26.2	26.3	26.5	31.8	32.0	32.2	32.3	37.6	37.8	38.0	38.2	-	43.6	43.9	44.1	
		S/T	0.67	0.82	0.87	0.87	0.54	0.68	0.79	0.87	0.42	0.56	0.68	0.79	-	0.44	0.57	0.68	
		kW	2.38	2.40	2.41	2.43	3.02	3.04	3.06	3.08	3.71	3.73	3.76	3.78	-	4.48	4.52	4.54	
	115	TC	25.3	25.4	25.6	25.7	30.9	31.1	31.2	31.4	36.5	36.7	36.9	37.1	-	42.4	42.6	42.8	
		S/T	0.69	0.85	0.87	0.87	0.56	0.70	0.82	0.87	0.43	0.57	0.70	0.81	-	0.45	0.58	0.70	
		kW	2.65	2.66	2.69	2.70	3.36	3.38	3.40	3.42	4.12	4.14	4.17	4.20	-	4.97	5.00	5.03	
	1200	65	TC	30.9	31.1	31.3	31.4	37.8	38.0	38.2	38.4	44.6	44.9	45.1	45.4	-	51.8	52.1	52.4
			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	1.46	1.47	1.48	1.49	1.87	1.88	1.89	1.90	2.30	2.32	2.34	2.36	-	2.81	2.83	2.85
		75	TC	30.1	30.3	30.5	30.6	36.8	37.0	37.2	37.4	43.5	43.7	44.0	44.2	-	50.5	50.8	51.0
			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	1.67	1.68	1.70	1.70	2.13	2.15	2.16	2.18	2.64	2.65	2.68	2.69	-	3.21	3.23	3.25
85		TC	29.3	29.5	29.7	29.8	35.8	36.0	36.2	36.4	42.4	42.6	42.8	43.1	-	49.1	49.4	49.7	
		S/T	0.67	0.83	0.91	0.93	0.54	0.68	0.80	0.90	0.42	0.56	0.69	0.79	-	0.44	0.57	0.68	
		kW	1.92	1.93	1.95	1.96	2.44	2.46	2.48	2.50	3.03	3.04	3.06	3.09	-	3.66	3.69	3.72	
95		TC	28.5	28.7	28.9	29.0	34.9	35.1	35.3	35.5	41.2	41.4	41.7	41.9	-	47.8	48.1	48.4	
		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	2.24	2.26	2.28	2.29	2.86	2.88	2.90	2.92	3.52	3.55	3.58	3.60	-	4.27	4.31	4.34	
105		TC	27.7	27.9	28.0	28.2	33.9	34.1	34.3	34.5	40.1	40.3	40.5	40.7	-	46.5	46.7	47.0	
		S/T	0.71	0.88	0.93	0.93	0.58	0.72	0.85	0.93	0.45	0.59	0.72	0.84	-	0.47	0.60	0.72	
		kW	2.51	2.53	2.54	2.56	3.19	3.22	3.24	3.26	3.94	3.96	3.99	4.01	-	4.77	4.79	4.83	
115		TC	26.9	27.1	27.2	27.4	32.9	33.1	33.3	33.5	38.9	39.1	39.4	39.6	-	45.2	45.4	45.7	
		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	2.79	2.81	2.82	2.85	3.55	3.57	3.60	3.62	4.36	4.39	4.43	4.46	-	5.29	5.32	5.36	
1400		65	TC	32.4	32.6	32.7	32.9	39.6	39.8	40.0	40.2	46.8	47.0	47.3	47.5	-	54.3	54.6	54.9
			S/T	0.67	0.83	0.91	0.97	0.54	0.68	0.79	0.89	0.42	0.56	0.68	0.79	-	0.44	0.57	0.68
			kW	1.52	1.53	1.54	1.55	1.95	1.96	1.97	1.99	2.42	2.43	2.45	2.46	-	2.94	2.97	2.99
		75	TC	31.5	31.7	31.9	32.1	38.6	38.8	39.0	39.2	45.6	45.8	46.1	46.3	-	52.9	53.2	53.5
			S/T	0.69	0.85	0.93	0.97	0.55	0.69	0.82	0.91	0.43	0.57	0.70	0.81	-	0.45	0.58	0.70
			kW	1.74	1.75	1.76	1.78	2.23	2.25	2.26	2.27	2.76	2.78	2.80	2.82	-	3.36	3.39	3.41
	85	TC	30.7	30.9	31.1	31.2	37.5	37.7	38.0	38.2	44.4	44.6	44.9	45.1	-	51.5	51.8	52.0	
		S/T	0.71	0.87	0.96	0.97	0.57	0.71	0.84	0.94	0.44	0.59	0.72	0.83	-	0.46	0.60	0.72	
		kW	2.00	2.01	2.03	2.03	2.55	2.57	2.59	2.61	3.16	3.18	3.21	3.23	-	3.84	3.87	3.89	
	95	TC	29.9	30.0	30.2	30.4	36.5	36.7	36.9	37.1	43.2	43.4	43.6	43.9	-	50.1	50.4	50.6	
		S/T	0.73	0.89	0.97	0.97	0.59	0.73	0.86	0.97	0.45	0.60	0.74	0.85	-	0.48	0.62	0.74	
		kW	2.34	2.35	2.36	2.38	2.98	3.00	3.02	3.04	3.69	3.71	3.73	3.77	-	4.48	4.51	4.54	
	105	TC	29.1	29.2	29.4	29.5	35.5	35.7	35.9	36.1	42.0	42.2	42.4	42.7	-	48.7	49.0	49.2	
		S/T	0.75	0.92	0.97	0.97	0.60	0.75	0.89	0.97	0.47	0.62	0.76	0.88	-	0.49	0.63	0.76	
		kW	2.62	2.63	2.65	2.66	3.33	3.35	3.38	3.40	4.11	4.14	4.16	4.20	-	4.99	5.03	5.05	
	115	TC	28.2	28.4	28.5	28.7	34.5	34.7	34.9	35.1	40.8	41.0	41.2	41.5	-	46.4	46.6	46.9	
		S/T	0.77	0.95	0.97	0.97	0.62	0.78	0.91	0.97	0.48	0.64	0.78	0.90	-	0.51	0.65	0.78	
		kW	2.90	2.93	2.94	2.96	3.70	3.73	3.75	3.78	4.56	4.59	4.62	4.66	-	5.39	5.42	5.46	
	1550	65	TC	33.4	33.6	33.8	33.9	40.8	41.0	41.3	41.5	48.2	48.5	48.8	49.0	-	55.9	56.3	56.6
			S/T	0.69	0.85	0.94	1.00	0.56	0.70	0.82	0.92	0.43	0.57	0.70	0.81	-	0.45	0.59	0.70
			kW	1.56	1.57	1.58	1.59	2.00	2.02	2.03	2.05	2.49	2.51	2.53	2.54	-	3.03	3.06	3.08
		75	TC	32.5	32.7	32.9	33.1	39.7	40.0	40.2	40.4	47.0	47.2	47.5	47.8	-	54.5	54.8	55.1
			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	1.78	1.80	1.81	1.82	2.29	2.31	2.32	2.34	2.84	2.86	2.88	2.91	-	3.46	3.49	3.51
85		TC	31.7	31.8	32.0	32.2	38.7	38.9	39.1	39.4	45.7	46.0	46.3	46.5	-	53.1	53.4	53.7	
		S/T	0.73	0.90	0.99	1.00	0.59	0.74	0.86	0.97	0.46	0.60	0.74	0.85	-	0.48	0.62	0.74	
		kW	2.05	2.06	2.08	2.09	2.63	2.64	2.66	2.69	3.25	3.28	3.31	3.32	-	3.96	3.99	4.02	
95		TC	30.8	31.0	31.2	31.3	37.7	37.9	38.1	38.3	44.5	44.8	45.0	45.3	-	51.6	51.9	52.2	
		S/T	0.75	0.92	1.00	1.00	0.60	0.76	0.89	1.00	0.47	0.62	0.76	0.88	-	0.49	0.63	0.76	
		kW	2.40	2.41	2.43	2.44	3.07	3.09	3.11	3.13	3.79	3.83	3.85	3.88	-	4.61	4.64	4.68	
105		TC	30.0	30.1	30.3	30.5	36.6	36.8	37.0	37.2	43.3	43.5	43.8	44.0	-	50.2	50.5	50.8	
		S/T	0.77	0.95	1.00	1.00	0.62	0.78	0.91	1.00	0.48	0.64	0.78	0.90	-	0.51	0.65	0.78	
		kW	2.69	2.															

COOLING-5TON

5TON SYSTEM----EODA18H-4860BAA+EAHATN-60BAA																			
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	
970	65	TC	33.3	33.5	33.6	33.8	40.7	40.9	41.1	41.3	48.1	48.3	48.6	48.9	-	55.8	56.1	56.4	
		S/T	0.57	0.71	0.78	0.83	0.46	0.58	0.68	0.76	0.36	0.48	0.58	0.67	-	0.38	0.49	0.58	
		kW	1.86	1.88	1.88	1.90	2.37	2.39	2.40	2.42	2.92	2.94	2.96	2.98	-	3.54	3.56	3.59	
	75	TC	32.4	32.6	32.8	33.0	39.6	39.8	40.1	40.3	46.8	47.1	47.4	47.6	-	54.3	54.6	54.9	
		S/T	0.59	0.73	0.80	0.83	0.48	0.59	0.70	0.78	0.37	0.49	0.60	0.69	-	0.39	0.50	0.60	
		kW	2.13	2.15	2.17	2.18	2.71	2.73	2.75	2.77	3.34	3.36	3.39	3.41	-	4.04	4.07	4.10	
	85	TC	31.6	31.7	31.9	32.1	38.6	38.8	39.0	39.2	45.6	45.8	46.1	46.4	-	52.9	53.2	53.5	
		S/T	0.61	0.75	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	2.46	2.47	2.49	2.50	3.12	3.14	3.16	3.18	3.83	3.85	3.88	3.91	-	4.63	4.66	4.70	
	95	TC	30.7	30.9	31.1	31.2	37.5	37.7	38.0	38.2	44.4	44.6	44.9	45.1	-	51.5	51.8	52.0	
		S/T	0.62	0.77	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	2.87	2.89	2.92	2.93	3.64	3.66	3.70	3.72	4.48	4.50	4.54	4.56	-	5.40	5.44	5.47	
	105	TC	29.9	30.0	30.2	30.4	36.5	36.7	36.9	37.1	43.1	43.4	43.6	43.9	-	50.0	50.3	50.6	
		S/T	0.64	0.79	0.83	0.83	0.52	0.65	0.76	0.83	0.40	0.53	0.65	0.75	-	0.42	0.54	0.65	
		kW	3.22	3.23	3.26	3.28	4.07	4.10	4.13	4.15	4.99	5.03	5.06	5.10	-	6.01	6.06	6.11	
	115	TC	29.0	29.2	29.3	29.5	35.5	35.6	35.8	36.0	41.9	42.1	42.4	42.6	-	48.6	48.9	49.2	
		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	3.58	3.61	3.62	3.65	4.54	4.55	4.58	4.61	5.55	5.58	5.63	5.66	-	6.68	6.73	6.78	
	1200	65	TC	35.5	35.7	35.9	36.1	43.3	43.6	43.8	44.1	51.2	51.5	51.8	52.1	-	59.4	59.8	60.1
			S/T	0.61	0.75	0.83	0.89	0.49	0.62	0.73	0.81	0.38	0.51	0.62	0.72	-	0.40	0.52	0.62
			kW	1.97	1.98	2.00	2.01	2.51	2.53	2.54	2.56	3.10	3.12	3.14	3.17	-	3.76	3.79	3.82
		75	TC	34.6	34.7	34.9	35.1	42.2	42.5	42.7	42.9	49.9	50.2	50.5	50.8	-	57.9	58.2	58.6
			S/T	0.63	0.77	0.85	0.89	0.51	0.63	0.74	0.84	0.39	0.52	0.64	0.74	-	0.41	0.53	0.64
			kW	2.26	2.27	2.28	2.30	2.87	2.90	2.91	2.93	3.54	3.57	3.60	3.63	-	4.30	4.33	4.37
85		TC	33.6	33.8	34.0	34.2	41.1	41.4	41.6	41.8	48.6	48.9	49.1	49.4	-	56.4	56.7	57.0	
		S/T	0.65	0.79	0.87	0.89	0.52	0.65	0.76	0.86	0.40	0.54	0.66	0.76	-	0.42	0.55	0.65	
		kW	2.59	2.60	2.62	2.64	3.30	3.32	3.34	3.36	4.06	4.10	4.12	4.15	-	4.92	4.96	4.99	
95		TC	32.7	32.9	33.1	33.3	40.0	40.2	40.5	40.7	47.3	47.5	47.8	48.1	-	54.9	55.2	55.5	
		S/T	0.66	0.82	0.89	0.89	0.53	0.67	0.79	0.88	0.42	0.55	0.67	0.78	-	0.44	0.56	0.67	
		kW	3.03	3.05	3.07	3.09	3.85	3.88	3.91	3.93	4.74	4.77	4.81	4.85	-	5.74	5.78	5.83	
105		TC	31.8	32.0	32.2	32.4	38.9	39.1	39.3	39.6	46.0	46.2	46.5	46.7	-	53.3	53.6	53.9	
		S/T	0.68	0.84	0.89	0.89	0.55	0.69	0.81	0.89	0.43	0.57	0.69	0.80	-	0.45	0.58	0.69	
		kW	3.39	3.41	3.44	3.46	4.31	4.33	4.36	4.40	5.30	5.33	5.37	5.40	-	6.39	6.44	6.49	
115		TC	30.9	31.1	31.3	31.4	37.8	38.0	38.2	38.4	44.7	44.9	45.2	45.4	-	51.8	52.1	52.4	
		S/T	0.70	0.86	0.89	0.89	0.57	0.71	0.83	0.89	0.44	0.58	0.71	0.82	-	0.46	0.59	0.71	
		kW	3.77	3.80	3.83	3.84	4.79	4.82	4.85	4.88	5.88	5.92	5.97	6.00	-	7.09	7.15	7.20	
1400		65	TC	37.1	37.4	37.6	37.8	45.4	45.7	45.9	46.2	53.6	54.0	54.3	54.6	-	62.3	62.6	62.9
			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	2.04	2.06	2.08	2.09	2.62	2.64	2.66	2.68	3.24	3.27	3.29	3.32	-	3.95	3.97	4.00
		75	TC	36.2	36.4	36.6	36.8	44.2	44.5	44.7	45.0	52.3	52.6	52.9	53.2	-	60.7	61.0	61.3
			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	2.35	2.36	2.38	2.39	2.99	3.02	3.04	3.06	3.71	3.73	3.76	3.79	-	4.51	4.54	4.57
	85	TC	35.2	35.4	35.6	35.8	43.1	43.3	43.6	43.8	50.9	51.2	51.5	51.8	-	59.1	59.4	59.7	
		S/T	0.68	0.83	0.92	0.93	0.54	0.68	0.80	0.90	0.42	0.56	0.69	0.79	-	0.44	0.57	0.69	
		kW	2.69	2.71	2.73	2.75	3.44	3.46	3.49	3.51	4.24	4.28	4.31	4.34	-	5.16	5.19	5.23	
	95	TC	34.3	34.5	34.7	34.9	41.9	42.1	42.4	42.6	49.5	49.8	50.1	50.4	-	57.5	57.8	58.1	
		S/T	0.69	0.85	0.93	0.93	0.56	0.70	0.82	0.92	0.43	0.58	0.71	0.81	-	0.46	0.59	0.70	
		kW	3.15	3.17	3.20	3.22	4.02	4.04	4.07	4.10	4.95	4.99	5.03	5.06	-	6.01	6.05	6.09	
	105	TC	33.3	33.5	33.7	33.9	40.7	41.0	41.2	41.4	48.1	48.4	48.7	49.0	-	55.9	56.2	56.5	
		S/T	0.71	0.88	0.93	0.93	0.58	0.72	0.85	0.93	0.45	0.59	0.73	0.84	-	0.47	0.61	0.72	
		kW	3.52	3.55	3.57	3.60	4.48	4.52	4.55	4.58	5.52	5.56	5.61	5.65	-	6.70	6.74	6.79	
	115	TC	32.4	32.6	32.7	32.9	39.6	39.8	40.0	40.2	46.8	47.0	47.3	47.6	-	54.3	54.6	54.9	
		S/T	0.74	0.91	0.93	0.93	0.59	0.74	0.87	0.93	0.46	0.61	0.75	0.86	-	0.48	0.62	0.75	
		kW	3.93	3.95	3.97	4.00	4.99	5.02	5.05	5.08	6.14	6.17	6.22	6.27	-	7.42	7.48	7.53	
	1550	65	TC	38.3	38.5	38.7	38.9	46.8	47.1	47.3	47.6	55.3	55.6	55.9	56.2	-	64.2	64.5	64.9
			S/T	0.66	0.81	0.90	0.96	0.53	0.67	0.78	0.88	0.41	0.55	0.67	0.78	-	0.43	0.56	0.67
			kW	2.10	2.12	2.13	2.14	2.69	2.72	2.73	2.75	3.34	3.36	3.38	3.41	-	4.07	4.09	4.13
		75	TC	37.3	37.5	37.7	37.9	45.6	45.9	46.1	46.4	53.9	54.2	54.5	54.8	-	62.5	62.9	63.2
			S/T	0.68	0.84	0.92	0.96	0.55	0.68	0.80	0.90	0.42	0.56	0.69	0.80	-	0.45	0.57	0.69
			kW	2.41	2.42	2.44	2.45	3.08	3.11	3.12	3.15	3.82	3.84	3.87	3.90	-	4.64	4.68	4.71
85		TC	36.3	36.5	36.7	36.9	44.4	44.7	44.9	45.2	52.5	52.8	53.1	53.4	-	60.9	61.2	61.6	
		S/T	0.70	0.86	0.94	0.96	0.56	0.70	0.83	0.93	0.44	0.58	0.71	0.82	-	0.46	0.59	0.71	
		kW	2.76	2.78	2.80	2.82	3.53	3.56	3.58	3.61	4.37	4.40	4.44	4.47	-	5.31	5.35	5.39	
95		TC	35.3	35.5	35.7	35.9	43.2	43.4	43.7	43.9	51.1	51.3	51.6	51.9	-	56.9	57.2	57.5	
		S/T	0.72	0.88	0.96	0.96	0.58	0.72	0.85	0.95	0.45	0.59	0.73	0.84	-	0.47	0.61	0.73	
		kW	3.23	3.25	3.27	3.29	4.13	4.15	4.19	4.21	5.10	5.13	5.17	5.21	-	5.87	5.91	5.95	
105		TC	34.4	34.6	34.8	34.9	42.0	42.2	42.5	42.7	48.6	48.9	49.2	49.5	-	51.8	52.1	52.4	
		S/T	0.74	0.91	0.96	0.96	0.59	0.74	0.87	0.96	0.46	0.61	0.75	0.86	-	0.48	0.62	0.75	
		kW	3.62	3.															

HEATING-2TON

2TON SYSTEM-----EODA18H-2436BAA+EAHATN-24BAA																									
INDOOR AIR		OUTDOOR AMBIENT TEMPERATURE(°F)																							
IDB(°F)	CFM	-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			
65	550	17.0	2.87	1.74	20.0	2.77	2.12	22.4	2.73	2.40	23.0	2.37	2.84	23.4	2.12	3.23	23.8	1.98	3.52	23.8	1.81	3.85	23.8	1.63	4.28
	600	17.4	2.95	1.73	20.6	2.85	2.12	23.0	2.81	2.40	23.6	2.44	2.83	24.0	2.19	3.21	24.5	2.04	3.52	24.5	1.86	3.86	24.5	1.68	4.27
	670	18.0	3.05	1.73	21.3	2.95	2.12	23.7	2.91	2.39	24.4	2.53	2.83	24.8	2.26	3.22	25.3	2.11	3.51	25.3	1.93	3.84	25.3	1.73	4.29
	750	18.6	3.17	1.72	22.0	3.06	2.11	24.5	3.01	2.39	25.3	2.62	2.83	25.7	2.34	3.22	26.2	2.19	3.51	26.2	2.00	3.84	26.2	1.80	4.27
	850	19.3	3.29	1.72	22.8	3.17	2.11	25.5	3.13	2.39	26.2	2.72	2.82	26.6	2.43	3.21	27.2	2.27	3.51	27.2	2.07	3.85	27.2	1.87	4.26
70	550	15.0	2.49	1.77	17.7	2.40	2.16	19.8	2.37	2.45	20.3	2.06	2.89	20.7	1.84	3.30	21.1	1.72	3.60	21.1	1.57	3.94	21.1	1.41	4.39
	600	15.4	2.55	1.77	18.2	2.46	2.17	20.3	2.42	2.46	20.9	2.11	2.90	21.2	1.88	3.30	21.6	1.76	3.60	21.6	1.61	3.93	21.6	1.45	4.37
	670	15.9	2.63	1.77	18.8	2.54	2.17	21.0	2.50	2.46	21.6	2.17	2.92	21.9	1.94	3.31	22.3	1.81	3.61	22.3	1.66	3.94	22.3	1.49	4.39
	750	16.4	2.72	1.77	19.4	2.63	2.16	21.7	2.59	2.46	22.3	2.25	2.90	22.7	2.01	3.31	23.1	1.88	3.60	23.1	1.72	3.94	23.1	1.54	4.40
	850	17.1	2.82	1.78	20.2	2.73	2.17	22.5	2.69	2.45	23.2	2.34	2.91	23.5	2.09	3.30	24.0	1.95	3.61	24.0	1.78	3.95	24.0	1.60	4.40
75	550	13.0	2.12	1.80	15.4	2.04	2.21	17.2	2.01	2.51	17.7	1.75	2.96	17.9	1.57	3.34	18.3	1.46	3.67	18.3	1.33	4.03	18.3	1.20	4.47
	600	13.4	2.17	1.81	15.8	2.10	2.21	17.6	2.07	2.49	18.1	1.80	2.95	18.4	1.61	3.35	18.8	1.50	3.67	18.8	1.37	4.02	18.8	1.23	4.48
	670	13.8	2.24	1.81	16.3	2.16	2.21	18.2	2.13	2.50	18.7	1.85	2.96	19.0	1.66	3.35	19.4	1.55	3.67	19.4	1.41	4.03	19.4	1.27	4.48
	750	14.3	2.31	1.81	16.9	2.23	2.22	18.8	2.20	2.50	19.4	1.91	2.98	19.7	1.71	3.38	20.1	1.60	3.68	20.1	1.46	4.03	20.1	1.31	4.50
	850	14.8	2.39	1.81	17.5	2.31	2.22	19.6	2.27	2.53	20.1	1.97	2.99	20.4	1.77	3.38	20.8	1.65	3.69	20.8	1.51	4.04	20.8	1.36	4.48

HEATING-3TON

3TON SYSTEM-----EODA18H-2436BAA+EAHATN-36BAA																									
INDOOR AIR		OUTDOOR AMBIENT TEMPERATURE(°F)																							
IDB(°F)	CFM	-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			
65	700	19.0	3.33	1.67	22.9	3.23	2.08	26.6	3.42	2.28	30.1	3.32	2.66	33.6	3.15	3.13	34.7	2.97	3.42	34.7	2.71	3.75	34.7	2.39	4.26
	800	19.8	3.47	1.67	23.8	3.36	2.08	27.7	3.56	2.28	31.4	3.46	2.66	35.0	3.28	3.13	36.1	3.09	3.42	36.1	2.82	3.75	36.1	2.49	4.25
	950	20.8	3.66	1.67	25.0	3.55	2.06	29.2	3.75	2.28	33.0	3.65	2.65	36.9	3.46	3.13	38.0	3.26	3.42	38.0	2.98	3.74	38.0	2.63	4.23
	1080	21.7	3.81	1.67	26.0	3.69	2.07	30.3	3.91	2.27	34.3	3.79	2.65	38.3	3.60	3.12	39.5	3.39	3.41	39.5	3.10	3.73	39.5	2.73	4.24
	1200	22.4	3.92	1.67	26.9	3.80	2.07	31.3	4.02	2.28	35.4	3.91	2.65	39.6	3.70	3.14	40.7	3.49	3.42	40.7	3.19	3.74	40.7	2.82	4.23
70	700	16.8	2.88	1.71	20.2	2.79	2.12	23.5	2.95	2.33	26.6	2.87	2.72	29.7	2.72	3.20	30.6	2.56	3.50	30.6	2.34	3.83	30.6	2.07	4.33
	800	17.5	3.00	1.71	21.0	2.91	2.12	24.5	3.08	2.33	27.7	2.99	2.72	30.9	2.83	3.20	31.9	2.67	3.50	31.9	2.44	3.83	31.9	2.15	4.35
	950	18.4	3.16	1.71	22.1	3.06	2.12	25.8	3.24	2.33	29.2	3.15	2.72	32.6	2.99	3.20	33.6	2.81	3.50	33.6	2.57	3.83	33.6	2.27	4.34
	1080	19.1	3.28	1.71	23.0	3.18	2.12	26.8	3.36	2.34	30.3	3.27	2.72	33.9	3.10	3.21	34.9	2.92	3.50	34.9	2.67	3.83	34.9	2.35	4.35
	1200	19.8	3.38	1.72	23.7	3.28	2.12	27.6	3.47	2.33	31.3	3.37	2.72	35.0	3.19	3.22	36.0	3.01	3.51	36.0	2.75	3.84	36.0	2.43	4.34
75	700	14.6	2.46	1.74	17.5	2.38	2.16	20.4	2.52	2.37	23.1	2.45	2.76	25.8	2.32	3.26	26.6	2.19	3.56	26.6	2.00	3.90	26.6	1.76	4.43
	800	15.2	2.56	1.74	18.3	2.48	2.16	21.3	2.62	2.38	24.1	2.55	2.77	26.9	2.41	3.27	27.7	2.28	3.56	27.7	2.08	3.90	27.7	1.83	4.44
	950	16.0	2.68	1.75	19.2	2.60	2.16	22.4	2.75	2.39	25.3	2.67	2.78	28.3	2.53	3.28	29.1	2.38	3.58	29.1	2.18	3.91	29.1	1.92	4.44
	1080	16.6	2.78	1.75	20.0	2.70	2.17	23.3	2.85	2.40	26.3	2.77	2.78	29.4	2.63	3.28	30.3	2.48	3.58	30.3	2.26	3.93	30.3	2.00	4.44
	1200	17.2	2.87	1.76	20.6	2.78	2.17	24.0	2.94	2.39	27.2	2.86	2.79	30.4	2.71	3.29	31.3	2.55	3.60	31.3	2.33	3.94	31.3	2.06	4.45

HEATING-ULTRA 3TON

ULTRA 3TON SYSTEM-----EODA18H-4860BAA+EAHATN-36BAA																									
INDOOR AIR		OUTDOOR AMBIENT TEMPERATURE(°F)																							
IDB(°F)	CFM	-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			
65	700	24.8	4.11	1.77	29.0	4.00	2.12	30.9	3.81	2.38	34.1	3.52	2.84	34.7	3.16	3.22	34.7	2.89	3.52	34.7	2.64	3.85	34.7	2.37	4.29
	800	25.9	4.28	1.77	30.2	4.17	2.12	32.2	3.97	2.38	35.5	3.67	2.84	36.1	3.29	3.22	36.1	3.01	3.52	36.1	2.75	3.85	36.1	2.47	4.28
	950	27.2	4.52	1.76	31.8	4.40	2.12	33.9	4.19	2.37	37.4	3.87	2.83	38.0	3.47	3.21	38.0	3.17	3.51	38.0	2.90	3.84	38.0	2.61	4.27
	1080	28.3	4.70	1.76	33.1	4.58	2.12	35.2	4.35	2.37	38.8	4.03	2.82	39.5	3.61	3.21	39.5	3.30	3.51	39.5	3.01	3.85	39.5	2.71	4.27
	1200	29.2	4.84	1.77	34.1	4.71	2.12	36.3	4.48	2.37	40.1	4.15	2.83	40.7	3.72	3.21	40.7	3.40	3.51	40.7	3.11	3.84	40.7	2.80	4.26
70	700	22.0	3.55	1.82	25.7	3.46	2.18	27.3	3.29	2.43	30.1	3.04	2.90	30.6	2.73	3.29	30.6	2.49	3.60	30.6	2.28	3.93	30.6	2.05	4.37
	800	22.9	3.70	1.81	26.7	3.61	2.17	28.4	3.43	2.43	31.3	3.17	2.89	31.9	2.84	3.29	31.9	2.60	3.60	31.9	2.38	3.93	31.9	2.14	4.37
	950	24.1	3.90	1.81	28.1	3.80	2.17	29.9	3.61	2.43	33.0	3.34	2.90	33.6	2.99	3.29	33.6	2.74	3.59	33.6	2.50	3.94	33.6	2.25	4.38
	1080	25.0	4.05	1.81	29.2	3.94	2.17	31.1	3.75	2.43	34.3	3.47	2.90	34.9	3.11	3.29	34.9	2.84	3.60	34.9	2.60	3.93	34.9	2.34	4.37
	1200	25.8	4.17	1.81	30.2	4.06	2.18	32.1	3.86	2.44	35.4	3.57	2.91	36.0	3.20	3.30	36.0	2.93	3.60	36.0	2.68	3.94	36.0	2.41	4.38
75	700	19.1	3.03	1.85	22.3	2.95	2.22	23.7	2.81	2.47	26.2	2.60	2.95	26.6	2.33	3.35	26.6	2.13	3.66	26.6	1.95	4.00	26.6	1.75	4.45
	800	19.8	3.15	1.84	23.2	3.07	2.21	24.7	2.92	2.48	27.2	2.70	2.95	27.7	2.42	3.35	27.7	2.22	3.66	27.7	2.02	4.02	27.7	1.82	4.46
	950																								

HEATING-4TON

4TON SYSTEM-----EODA18H-4860BAA+EAHATN-48BAA																									
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	960	29.7	5.04	1.73	35.0	4.86	2.11	38.2	4.77	2.35	42.1	4.56	2.71	45.2	4.24	3.12	46.1	3.95	3.42	46.1	3.61	3.74	46.1	3.25	4.16
	1200	31.7	5.40	1.72	37.5	5.21	2.11	40.9	5.12	2.34	45.0	4.89	2.70	48.3	4.54	3.12	49.3	4.24	3.41	49.3	3.87	3.73	49.3	3.49	4.14
	1400	33.2	5.65	1.72	39.2	5.45	2.11	42.8	5.36	2.34	47.1	5.12	2.70	50.6	4.76	3.12	51.6	4.44	3.41	51.6	4.06	3.72	51.6	3.65	4.14
	1550	34.3	5.83	1.72	40.4	5.62	2.11	44.1	5.53	2.34	48.6	5.28	2.70	52.2	4.90	3.12	53.2	4.58	3.40	53.2	4.18	3.73	53.2	3.76	4.15
1800	35.8	6.09	1.72	42.3	5.87	2.11	46.2	5.77	2.35	50.8	5.51	2.70	54.5	5.12	3.12	55.6	4.78	3.41	55.6	4.37	3.73	55.6	3.93	4.15	
70	960	26.2	4.35	1.77	31.0	4.20	2.16	33.8	4.13	2.40	37.2	3.94	2.77	39.9	3.66	3.20	40.7	3.42	3.49	40.7	3.12	3.82	40.7	2.81	4.25
	1200	28.0	4.65	1.76	33.1	4.49	2.16	36.1	4.41	2.40	39.7	4.21	2.76	42.7	3.91	3.20	43.5	3.65	3.49	43.5	3.34	3.82	43.5	3.00	4.25
	1400	29.4	4.87	1.77	34.7	4.70	2.16	37.8	4.62	2.40	41.6	4.41	2.76	44.7	4.10	3.20	45.6	3.83	3.49	45.6	3.49	3.83	45.6	3.15	4.24
	1550	30.3	5.02	1.77	35.7	4.84	2.16	39.0	4.76	2.40	42.9	4.54	2.77	46.1	4.22	3.20	47.0	3.94	3.50	47.0	3.60	3.83	47.0	3.24	4.25
1800	31.7	5.24	1.77	37.4	5.05	2.17	40.8	4.97	2.41	44.9	4.74	2.78	48.2	4.41	3.20	49.2	4.11	3.51	49.2	3.76	3.84	49.2	3.38	4.27	
75	960	22.8	3.72	1.80	26.9	3.58	2.20	29.3	3.52	2.44	32.3	3.36	2.82	34.7	3.13	3.25	35.4	2.92	3.55	35.4	2.67	3.89	35.4	2.40	4.32
	1200	24.3	3.96	1.80	28.7	3.82	2.20	31.4	3.75	2.45	34.5	3.58	2.82	37.1	3.33	3.27	37.8	3.11	3.56	37.8	2.84	3.90	37.8	2.55	4.34
	1400	25.5	4.13	1.81	30.1	3.99	2.21	32.8	3.92	2.45	36.2	3.74	2.84	38.8	3.48	3.27	39.6	3.25	3.57	39.6	2.97	3.91	39.6	2.67	4.35
	1550	26.3	4.25	1.81	31.0	4.10	2.22	33.9	4.03	2.47	37.3	3.85	2.84	40.0	3.57	3.28	40.8	3.34	3.58	40.8	3.05	3.92	40.8	2.74	4.36
1800	27.5	4.43	1.82	32.5	4.27	2.23	35.4	4.20	2.47	39.0	4.01	2.85	41.9	3.72	3.30	42.7	3.48	3.60	42.7	3.18	3.94	42.7	2.86	4.38	

HEATING-5TON

5TON SYSTEM-----EODA18H-4860BAA+EAHATN-60BAA																									
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	980	31.9	5.70	1.64	37.3	5.50	1.99	39.8	5.16	2.26	45.5	5.16	2.58	50.9	4.89	3.05	51.9	4.57	3.33	51.9	4.17	3.65	51.9	3.76	4.05
	1250	34.4	6.15	1.64	40.2	5.93	1.99	42.8	5.57	2.25	49.0	5.57	2.58	54.7	5.28	3.04	55.8	4.93	3.32	55.8	4.50	3.63	55.8	4.05	4.04
	1450	35.9	6.43	1.64	42.0	6.21	1.98	44.8	5.83	2.25	51.2	5.82	2.58	57.2	5.52	3.04	58.3	5.15	3.32	58.3	4.71	3.63	58.3	4.24	4.03
	1600	37.0	6.64	1.63	43.3	6.40	1.98	46.1	6.01	2.25	52.8	6.01	2.57	58.9	5.70	3.03	60.1	5.32	3.31	60.1	4.86	3.62	60.1	4.37	4.03
1800	38.3	6.87	1.63	44.8	6.62	1.98	47.8	6.22	2.25	54.6	6.22	2.57	61.0	5.89	3.04	62.2	5.50	3.31	62.2	5.03	3.62	62.2	4.52	4.03	
70	980	28.2	4.93	1.68	33.0	4.76	2.03	35.2	4.47	2.31	40.2	4.46	2.64	44.9	4.23	3.11	45.8	3.95	3.40	45.8	3.61	3.72	45.8	3.25	4.13
	1250	30.4	5.31	1.68	35.5	5.12	2.03	37.8	4.81	2.30	43.3	4.81	2.64	48.3	4.56	3.10	49.3	4.26	3.39	49.3	3.89	3.71	49.3	3.50	4.13
	1450	31.8	5.55	1.68	37.1	5.35	2.03	39.6	5.03	2.31	45.3	5.02	2.64	50.5	4.76	3.11	51.5	4.45	3.39	51.5	4.06	3.72	51.5	3.65	4.14
	1600	32.7	5.72	1.68	38.2	5.52	2.03	40.8	5.18	2.31	46.6	5.18	2.64	52.1	4.91	3.11	53.1	4.58	3.40	53.1	4.18	3.72	53.1	3.77	4.13
1800	33.9	5.92	1.68	39.6	5.71	2.03	42.2	5.36	2.31	48.3	5.35	2.65	53.9	5.08	3.11	55.0	4.74	3.40	55.0	4.33	3.72	55.0	3.90	4.13	
75	980	24.5	4.21	1.71	28.7	4.06	2.07	30.6	3.82	2.35	34.9	3.81	2.68	39.0	3.62	3.16	39.8	3.38	3.45	39.8	3.08	3.79	39.8	2.78	4.20
	1250	26.4	4.52	1.71	30.8	4.36	2.07	32.9	4.10	2.35	37.6	4.09	2.69	42.0	3.88	3.17	42.8	3.62	3.47	42.8	3.31	3.79	42.8	2.98	4.21
	1450	27.6	4.72	1.71	32.2	4.56	2.07	34.4	4.28	2.36	39.3	4.28	2.69	43.9	4.05	3.18	44.8	3.78	3.47	44.8	3.46	3.79	44.8	3.11	4.22
	1600	28.4	4.85	1.72	33.2	4.68	2.08	35.4	4.39	2.36	40.5	4.39	2.70	45.2	4.16	3.18	46.1	3.89	3.47	46.1	3.55	3.81	46.1	3.20	4.22
1800	29.4	5.02	1.72	34.4	4.84	2.08	36.7	4.54	2.37	41.9	4.54	2.70	46.8	4.31	3.18	47.8	4.02	3.48	47.8	3.67	3.82	47.8	3.30	4.25	

Capacity Corrections

The system can extend the line sets flexibly within its limitation to fit the actual situation. However, it will cause cooling/heating capacity decrease because of the pressure loss by longer line length. Using the following correction factor to calculate the approximate capacity accordingly.

SUCTION LINE LENGTH/SIZE VS CAPACITY MULTIPLIER (R-410A)

Model		2436BAA	4860BAA
Liquid Line Connection Size		3/8"	3/8"
Suction Line Connection Size		3/4"	7/8"
Suction Line Length/Size *NOTE		5/8" Optional	3/4" Optional
		3/4" Standard	7/8" Standard
25 feet	Optional	1.00	0.99
	Standard	1.00	1.00
50 feet	Optional	0.98	0.97
	Standard	0.99	0.98
100 feet	Optional	0.95	0.94
	Standard	0.97	0.96

NOTE: It's not suggested to use suction line bigger than standard size shown above, in which will result poor oil return back to the inverter compressor.

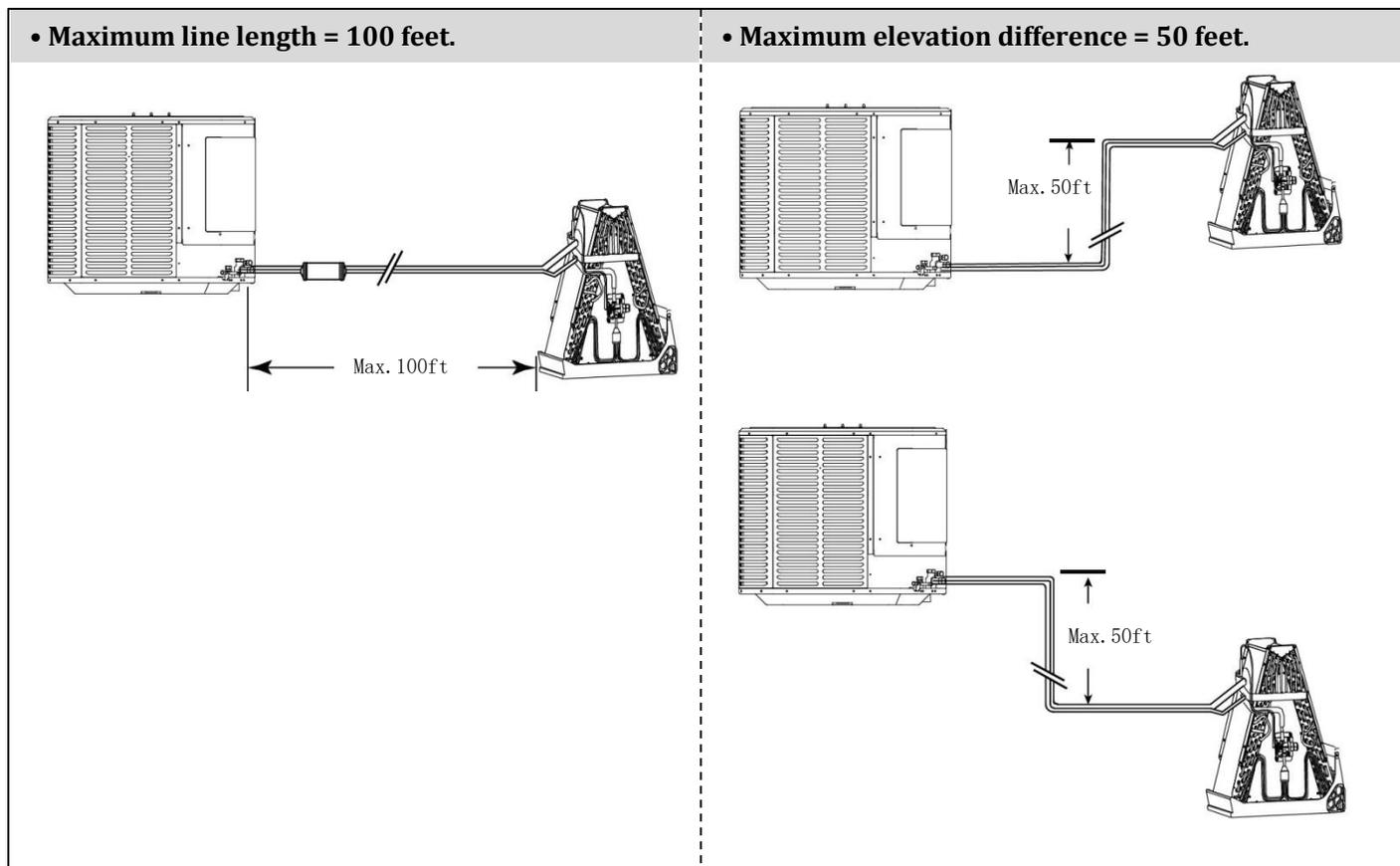


Fig 4. Line length and elevation difference limits

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