120V Series Air Handler Specifications

ECM BLOWER MOTOR
R-410A TXV INSIDE

Contents

■ Standard Features

1. Adaptable Design for Any Space - Easily switch between upflow or horizontal right applications (convertible for down-flow or horizontal left).
2. Sealed Cabinet for Improved Efficiency - With less than 2% air leakage (meeting ASHRAE standaed 193). Sturdy, fully insulated galvanized steel cabinet with knockout for duct return.
3. Intelligent Motor Control - The constant torque ECM motors are smartly controlled by embedded software, maintaining consistent performance.
4. The electronic board simplifies system operation with fewer moving parts.
5. Enhance your heating experience with our factory-installed modular hydronic heat kits.
6. The high-efficiency DX coil boasts rifled copper tubes and enhanced aluminum fins for maximum heat transfer.
7. The 120V-AHU can be directly replaced with previous 120V indoor units.

AHRI CERTIFIED® www.ahridirectory.org Unitary Small AC AHRI Standard 210/240 Certification applies only when the complete system is listed with AHRI.

AHRI CERTIFIED® www.ahridirectory.org Unitary Small HP AHRI Standard 210/240 Certification applies only when the complete system is listed with AHRI.

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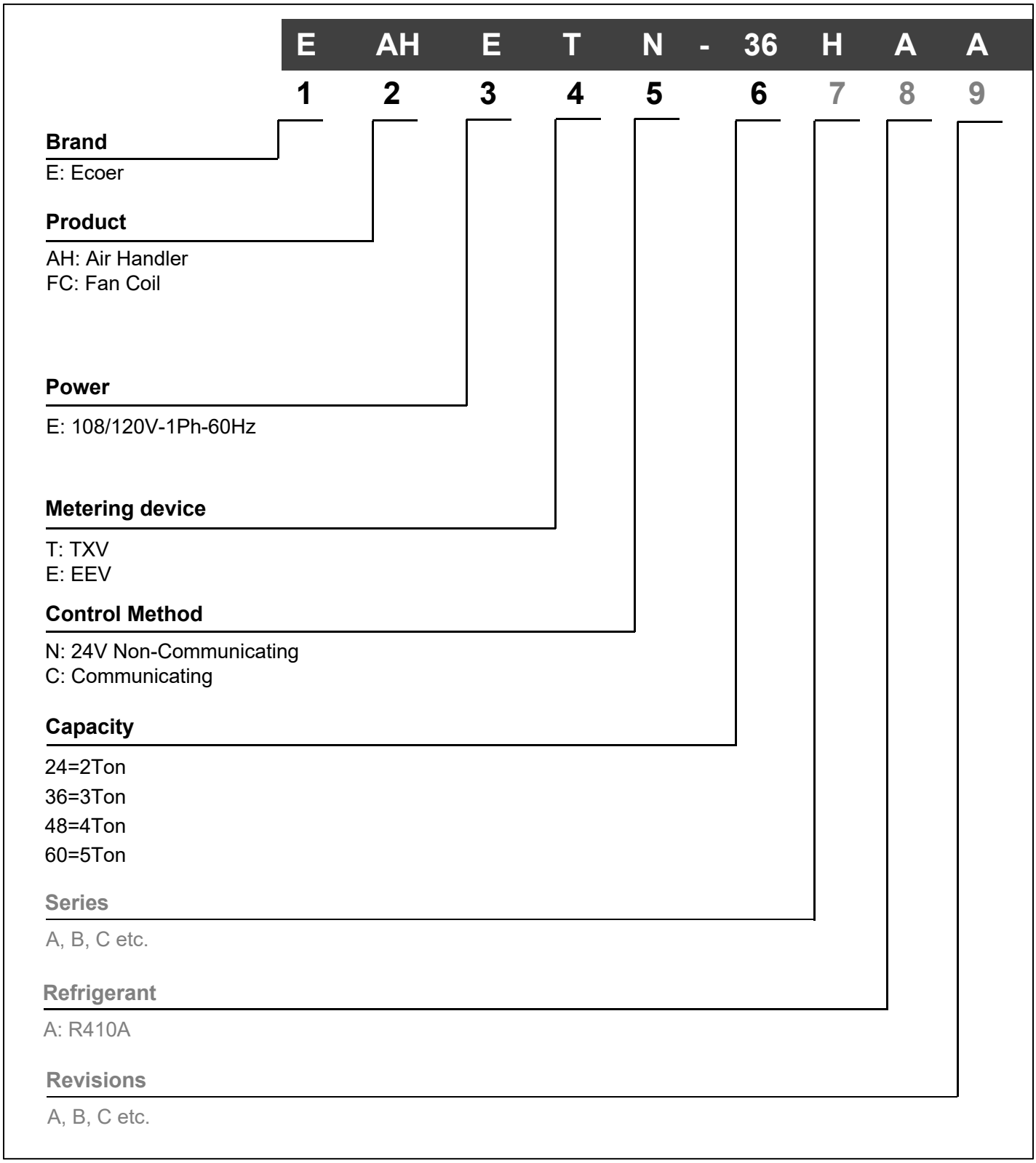
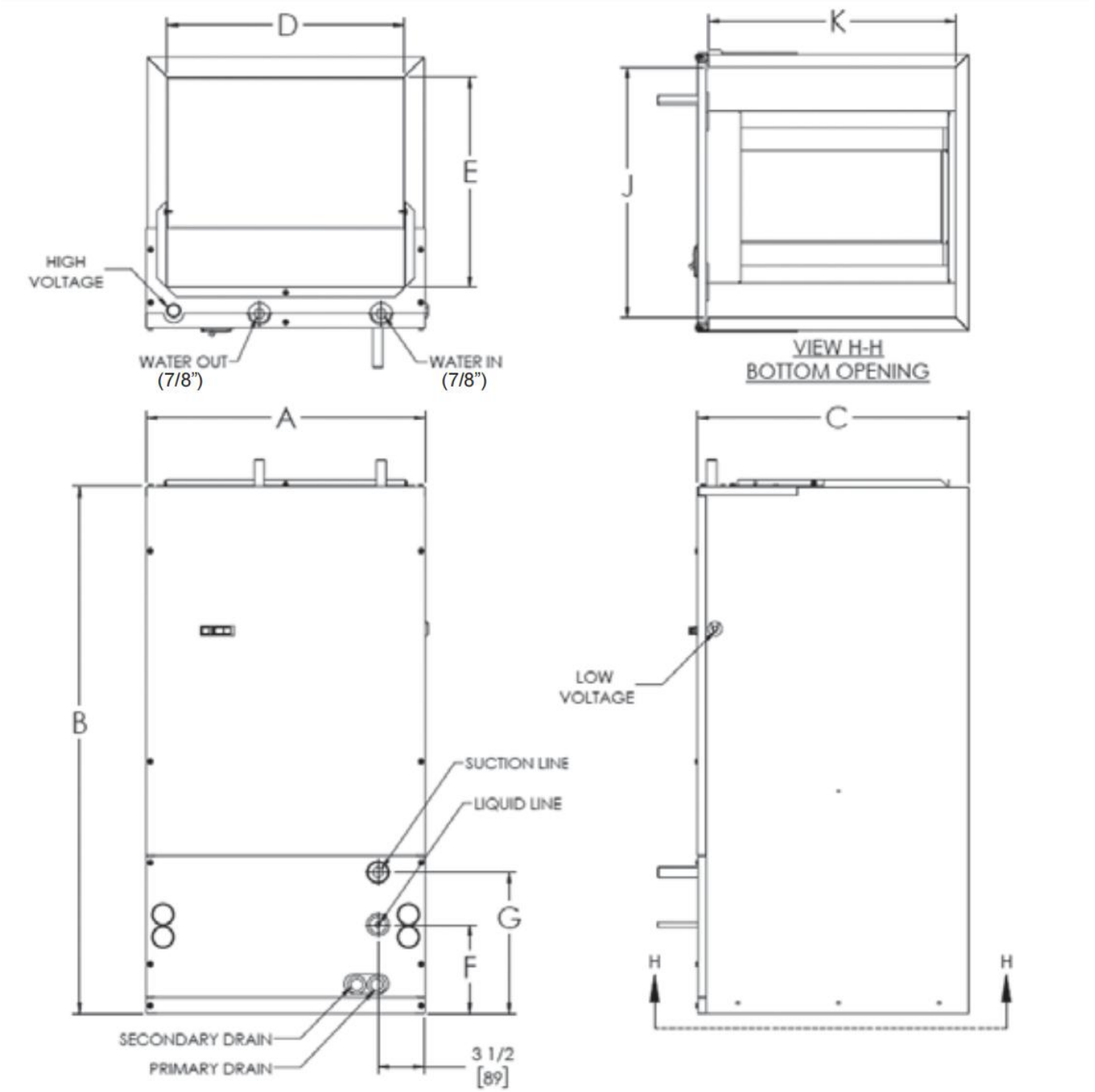
1. Nomenclature



2. Dimensions



Model	Dimensions Inch [mm]								
	“A“ in.[mm]	“B“ in.[mm]	“C“ in.[mm]	“D“ in.[mm]	“E“ in.[mm]	“F“ in.[mm]	“G“ in.[mm]	“J“ in.[mm]	“K“ in.[mm]
36HA	21“ [533]	42“ [1067]	23“ [584]	18“ [457]	19“ [483]	8-3/4“ [222]	12-3/4“ [324]	18“ [457]	20“ [533]
60HA	21“ [533]	48“ [1219]	28“ [711]	18“ [457]	24“ [610]	11-3/4“ [298]	15-3/4“ [400]	18“ [457]	25“ [660]

3. Product Specifications

Model Name	EAHATN-36HA	EAHATN-60HA
Capacity [1]		
Nominal Cooling (BTU/h)	34000	52500
Nominal Heating (BTU/h)	35000	55000
Fan Motor		
Horsepower (HP)	1/2	1
Full Load Ampacity	5.4	9.5
Refrigeration System		
Refrigerant Line Size		
Liquid Line Size (O.D.)	3/8"	3/8"
Suction Line Size (O.D.)	3/4"	7/8"
Refrigerant Connection Size		
Liquid Line Size (O.D.)	3/8"	3/8"
Suction Line Size (O.D.)	3/4"	7/8"
Metering Device	TXV	TXV
Heating Metering Device (ODU side)	EEV	EEV
Coil Drain Connection (FPT)	3/4"	3/4"
Electrical Data		
Voltage-Phase-Hz	108/120-1-60	108/120-1-60
Minimum Circuit Ampacity [2]	6.75	11.88
Max. Over-current Protection [3]	15	25
Volts Range	115-120	115-120
Air Filter		
Air Filter Size (in.) [4]	20×20	20×25
Piston		
Piston Size (in.)	0.068	0.084
Weight		
Ship Weight (lbs)	170	200

REMARKS:

1.Test with Ecoer HP.
2.Wire size should be determined in accordance with National Electrical Codes.
3.Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.
4.Refer to the label on filter cover to install the correct one.

4. Blower Data

Airflow data is based on cooling performance at 120V with no electric heat and no filter. Airflow at 108V is approximately the same as 120V 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		External Static* Pressure-[in. wg.]				
			0.1	0.2	0.3	0.4	0.5
36HA	Tap 5	CFM	1245	1190	1130	1085	1020
	Tap 4	CFM	1170	1130	1085	1045	1000
	Tap 3	CFM	935	910	865	840	805
	Tap 2	CFM	815	785	745	715	685
	Tap 1	CFM	685	655	605	580	520
60HA	Tap 5	CFM	1950	1880	1845	1805	1780
	Tap 4	CFM	1765	1740	1725	1685	1660
	Tap 3	CFM	1500	1480	1450	1415	1385
	Tap 2	CFM	1245	1205	1185	1150	1105
	Tap 1	CFM	1010	900	825	765	705

* Dry coil.

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

5. Water Heat Kit

Water Heater Performance Data	Model	Rows	Flow (GPM)	Heating Capacity (BTU/HR)			
				Entering Water Temp			
				120	140	160	180
	36HA	3	3.5	33185	46900	59540	72180
			5	36870	52095	65800	79505
	60HA	4	3.5	48200	68125	83380	98640
			5	55360	78230	95070	111900

6. Performance Sheet

COOLING-3TON

3TON SYSTEM-----EODA18H-2436B+EAHETN-36HA																		
Indoor Airflow (CFM)	Outdoor	IDB(℉)	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
	DB(℉)	IWB(℉)	59				63				67				71			
900	65	TC	23.1	23.3	23.4	23.5	28.3	28.4	28.6	28.7	33.4	33.6	33.8	34.0	-	38.8	39.0	39.2
		S/T	0.63	0.77	0.85	0.92	0.50	0.63	0.74	0.83	0.39	0.52	0.64	0.73	-	0.41	0.53	0.63
		kW	1.18	1.19	1.20	1.21	1.51	1.52	1.53	1.54	1.87	1.88	1.90	1.91	-	2.28	2.29	2.31
	75	TC	22.5	22.7	22.8	22.9	27.5	27.7	27.9	28.0	32.6	32.7	32.9	33.1	-	37.8	38.0	38.2
		S/T	0.64	0.79	0.87	0.92	0.52	0.65	0.76	0.85	0.40	0.53	0.65	0.75	-	0.42	0.54	0.65
		kW	1.35	1.37	1.37	1.38	1.73	1.74	1.76	1.77	2.14	2.15	2.17	2.18	-	2.60	2.62	2.64
	85	TC	21.9	22.1	22.2	22.3	26.8	27.0	27.1	27.3	31.7	31.9	32.1	32.2	-	36.8	37.0	37.2
		S/T	0.66	0.81	0.89	0.92	0.53	0.67	0.78	0.88	0.41	0.55	0.67	0.77	-	0.43	0.56	0.67
		kW	1.55	1.57	1.58	1.59	1.98	2.00	2.01	2.03	2.45	2.47	2.49	2.50	-	2.97	3.00	3.02
	95	TC	21.4	21.5	21.6	21.7	26.1	26.2	26.4	26.5	30.8	31.0	31.2	31.4	-	35.8	36.0	36.2
		S/T	0.68	0.83	0.92	0.92	0.55	0.68	0.80	0.90	0.42	0.56	0.69	0.80	-	0.45	0.57	0.69
		kW	1.83	1.84	1.85	1.86	2.32	2.33	2.35	2.36	2.85	2.88	2.90	2.93	-	3.47	3.49	3.52
	105	TC	20.8	20.9	21.0	21.1	25.4	25.5	25.6	25.8	28.8	28.9	29.1	29.2	-	32.6	32.8	33.0
		S/T	0.70	0.86	0.92	0.92	0.56	0.70	0.83	0.92	0.44	0.58	0.71	0.82	-	0.46	0.59	0.71
		kW	2.04	2.05	2.07	2.08	2.59	2.61	2.62	2.65	3.03	3.05	3.07	3.09	-	3.55	3.58	3.61
	115	TC	19.0	19.1	19.2	19.3	22.7	22.8	23.0	23.1	25.7	25.9	26.0	26.2	-	29.2	29.4	29.6
		S/T	0.72	0.88	0.92	0.92	0.58	0.72	0.85	0.92	0.45	0.60	0.73	0.84	-	0.47	0.61	0.73
		kW	2.12	2.13	2.14	2.15	2.61	2.62	2.65	2.66	3.03	3.06	3.07	3.10	-	3.55	3.58	3.61
1100	65	TC	24.6	24.7	24.8	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	0.66	0.82	0.90	0.97	0.54	0.67	0.79	0.88	0.42	0.55	0.67	0.78	-	0.44	0.56	0.67
		kW	1.25	1.25	1.26	1.27	1.60	1.61	1.62	1.63	1.98	2.00	2.01	2.03	-	2.42	2.43	2.45
	75	TC	23.9	24.1	24.2	24.3	29.3	29.4	29.6	29.7	34.6	34.8	35.0	35.2	-	40.1	40.3	40.6
		S/T	0.68	0.84	0.92	0.97	0.55	0.69	0.81	0.91	0.43	0.57	0.69	0.80	-	0.45	0.58	0.69
		kW	1.43	1.44	1.45	1.45	1.83	1.84	1.86	1.86	2.27	2.29	2.30	2.32	-	2.76	2.78	2.80
	85	TC	23.3	23.4	23.6	23.7	28.5	28.6	28.8	29.0	33.7	33.9	34.0	34.2	-	39.1	39.3	39.5
		S/T	0.70	0.86	0.95	0.97	0.56	0.71	0.83	0.93	0.44	0.58	0.71	0.82	-	0.46	0.59	0.71
		kW	1.64	1.65	1.66	1.67	2.10	2.11	2.13	2.15	2.60	2.62	2.63	2.65	-	3.16	3.18	3.20
	95	TC	22.7	22.8	22.9	23.1	27.7	27.9	28.0	28.2	32.8	32.9	33.1	33.3	-	36.5	36.7	36.9
		S/T	0.72	0.89	0.97	0.97	0.58	0.73	0.85	0.96	0.45	0.60	0.73	0.84	-	0.47	0.61	0.73
		kW	1.92	1.93	1.94	1.96	2.45	2.47	2.48	2.50	3.03	3.04	3.07	3.09	-	3.49	3.51	3.54
	105	TC	22.0	22.2	22.3	22.4	26.9	27.1	27.2	27.4	30.5	30.7	30.9	31.0	-	34.7	34.9	35.1
		S/T	0.74	0.91	0.97	0.97	0.60	0.75	0.88	0.97	0.46	0.61	0.75	0.87	-	0.49	0.63	0.75
		kW	2.14	2.16	2.17	2.18	2.73	2.75	2.77	2.79	3.20	3.22	3.25	3.26	-	3.77	3.80	3.83
	115	TC	19.9	20.0	20.1	20.3	23.9	24.0	24.1	24.3	27.0	27.2	27.3	27.5	-	30.7	30.9	31.1
		S/T	0.76	0.94	0.97	0.97	0.61	0.77	0.90	0.97	0.48	0.63	0.77	0.89	-	0.50	0.65	0.77
		kW	2.19	2.20	2.21	2.24	2.72	2.73	2.75	2.77	3.16	3.19	3.20	3.23	-	3.71	3.74	3.77
1200	65	TC	25.2	25.4	25.5	25.6	30.8	31.0	31.2	31.3	36.4	36.6	36.8	37.0	-	42.3	42.5	42.7
		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	-	0.45	0.58	0.69
		kW	1.27	1.29	1.29	1.30	1.64	1.65	1.66	1.67	2.03	2.05	2.06	2.08	-	2.48	2.50	2.52
	75	TC	24.6	24.7	24.8	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	0.70	0.86	0.95	1.00	0.56	0.71	0.83	0.93	0.44	0.58	0.71	0.82	-	0.46	0.59	0.71
		kW	1.46	1.47	1.48	1.49	1.87	1.89	1.90	1.91	2.33	2.34	2.36	2.38	-	2.83	2.85	2.87
	85	TC	23.9	24.1	24.2	24.3	29.2	29.4	29.6	29.7	34.6	34.8	34.9	35.1	-	40.1	40.3	40.5
		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	-	0.47	0.61	0.73
		kW	1.68	1.69	1.70	1.71	2.15	2.16	2.18	2.19	2.67	2.69	2.70	2.72	-	3.24	3.26	3.28
	95	TC	23.3	23.4	23.5	23.7	28.4	28.6	28.8	28.9	33.6	33.8	34.0	34.2	-	37.5	37.7	37.9
		S/T	0.74	0.91	1.00	1.00	0.60	0.75	0.88	0.98	0.46	0.61	0.75	0.87	-	0.49	0.63	0.75
		kW	1.96	1.97	1.98	2.00	2.50	2.53	2.55	2.56	3.10	3.13	3.15	3.17	-	3.58	3.61	3.63
	105	TC	22.6	22.8	22.9	23.0	27.6	27.8	28.0	28.1	31.3	31.5	31.7	31.9	-	35.6	35.8	36.0
		S/T	0.76	0.94	1.00	1.00	0.61	0.77	0.90	1.00	0.48	0.63	0.77	0.89	-	0.50	0.64	0.77
		kW	2.19	2.21	2.22	2.24	2.79	2.82	2.84	2.86	3.27	3.30	3.33	3.35	-	3.87	3.90	3.92
	115	TC	20.4	20.6	20.7	20.8	24.5	24.6	24.8	24.9	27.8	27.9	28.1	28.2	-	31.5	31.7	31.9
		S/T	0.78	0.96	1.00	1.00	0.63	0.79	0.93	1.00	0.49	0.65	0.79	0.92	-	0.51	0.66	0.79
		kW	2.23	2.26	2.27	2.28	2.78	2.79	2.82	2.83	3.25	3.26	3.29	3.30	-	3.80	3.83	3.86

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

COOLING-5TON

5TON SYSTEM-----EODA18H-4860B+EAHETN-60HA																		
Indoor Airflow (CFM)	Outdoor DB(℉)	IDB(℉) IWB(℉)	70	75	80	85	70	75	80	85	70	75	80	85	70	75	80	85
			59				63				67				71			
1300	65	TC	36.6	36.8	37.0	37.2	44.7	45.0	45.2	45.5	52.8	53.1	53.4	53.7	-	61.3	61.7	62.0
		S/T	0.61	0.75	0.82	0.90	0.49	0.61	0.72	0.81	0.38	0.50	0.62	0.71	-	0.40	0.51	0.62
		kW	2.01	2.03	2.04	2.05	2.58	2.60	2.61	2.63	3.19	3.21	3.23	3.26	-	3.88	3.91	3.94
	75	TC	35.6	35.8	36.0	36.2	43.6	43.8	44.1	44.3	51.5	51.8	52.1	52.4	-	59.7	60.1	60.4
		S/T	0.62	0.77	0.84	0.92	0.50	0.63	0.74	0.83	0.39	0.52	0.63	0.73	-	0.41	0.53	0.63
		kW	2.30	2.32	2.33	2.35	2.95	2.97	2.99	3.01	3.65	3.68	3.70	3.73	-	4.43	4.47	4.50
	85	TC	34.7	34.9	35.1	35.3	42.4	42.7	42.9	43.1	50.1	50.4	50.7	51.0	-	58.2	58.5	58.8
		S/T	0.64	0.79	0.87	0.94	0.52	0.65	0.76	0.85	0.40	0.53	0.65	0.75	-	0.42	0.54	0.65
		kW	2.65	2.67	2.68	2.70	3.38	3.41	3.43	3.45	4.17	4.21	4.24	4.27	-	5.08	5.11	5.15
	95	TC	33.8	34.0	34.2	34.3	41.3	41.5	41.7	42.0	48.8	49.1	49.3	49.6	-	56.6	56.9	57.2
		S/T	0.66	0.81	0.89	0.94	0.53	0.66	0.78	0.87	0.41	0.55	0.67	0.77	-	0.43	0.56	0.67
		kW	3.10	3.12	3.14	3.16	3.95	3.98	4.00	4.04	4.88	4.92	4.94	4.98	-	5.91	5.95	6.00
	105	TC	32.5	32.7	32.9	33.1	38.9	39.2	39.4	39.6	44.1	44.4	44.6	44.9	-	50.1	50.4	50.7
		S/T	0.68	0.83	0.92	0.94	0.55	0.68	0.80	0.90	0.42	0.56	0.69	0.79	-	0.44	0.57	0.69
		kW	3.42	3.45	3.47	3.50	4.25	4.29	4.31	4.34	4.96	5.00	5.03	5.07	-	5.83	5.88	5.92
	115	TC	30.0	30.2	30.3	30.5	35.9	36.1	36.3	36.5	40.7	40.9	41.2	41.4	-	46.2	46.5	46.7
		S/T	0.70	0.86	0.94	0.94	0.56	0.70	0.83	0.93	0.44	0.58	0.71	0.82	-	0.46	0.59	0.71
		kW	3.59	3.62	3.63	3.66	4.44	4.47	4.50	4.53	5.17	5.20	5.25	5.28	-	6.06	6.11	6.14
1500	65	TC	38.2	38.4	38.6	38.8	46.7	46.9	47.2	47.5	55.2	55.5	55.8	56.1	-	64.0	64.4	64.7
		S/T	0.63	0.78	0.86	0.94	0.51	0.64	0.75	0.84	0.40	0.53	0.64	0.74	-	0.42	0.54	0.64
		kW	2.09	2.10	2.12	2.13	2.68	2.70	2.72	2.74	3.33	3.35	3.38	3.40	-	4.05	4.09	4.11
	75	TC	37.2	37.4	37.6	37.8	45.5	45.7	46.0	46.2	53.8	54.1	54.4	54.7	-	62.4	62.7	63.1
		S/T	0.65	0.80	0.88	0.97	0.52	0.66	0.77	0.86	0.41	0.54	0.66	0.76	-	0.43	0.55	0.66
		kW	2.39	2.41	2.42	2.44	3.07	3.09	3.11	3.13	3.81	3.83	3.86	3.89	-	4.63	4.66	4.70
	85	TC	36.2	36.4	36.6	36.8	44.3	44.5	44.8	45.0	52.3	52.6	52.9	53.2	-	60.7	61.1	61.4
		S/T	0.67	0.82	0.90	0.98	0.54	0.67	0.79	0.89	0.42	0.55	0.68	0.78	-	0.44	0.57	0.68
		kW	2.75	2.76	2.78	2.80	3.52	3.54	3.57	3.59	4.35	4.38	4.41	4.45	-	5.29	5.34	5.37
	95	TC	35.3	35.5	35.6	35.8	43.1	43.3	43.6	43.8	50.9	51.2	51.5	51.8	-	56.7	57.0	57.4
		S/T	0.69	0.84	0.93	0.98	0.55	0.69	0.81	0.91	0.43	0.57	0.70	0.80	-	0.45	0.58	0.70
		kW	3.22	3.24	3.25	3.27	4.11	4.13	4.17	4.19	5.07	5.11	5.15	5.19	-	5.84	5.88	5.94
	105	TC	34.3	34.5	34.7	34.9	41.1	41.3	41.5	41.7	46.5	46.8	47.1	47.3	-	52.8	53.1	53.4
		S/T	0.71	0.87	0.96	0.98	0.57	0.71	0.84	0.94	0.44	0.59	0.72	0.83	-	0.46	0.60	0.72
		kW	3.60	3.62	3.65	3.67	4.48	4.51	4.53	4.56	5.23	5.27	5.31	5.34	-	6.15	6.20	6.25
	115	TC	31.0	31.1	31.3	31.5	37.1	37.3	37.5	37.7	42.0	42.3	42.5	42.8	-	47.7	48.0	48.3
		S/T	0.73	0.89	0.98	0.98	0.59	0.73	0.86	0.97	0.45	0.60	0.74	0.85	-	0.48	0.62	0.74
		kW	3.68	3.69	3.72	3.75	4.55	4.58	4.61	4.64	5.30	5.35	5.38	5.42	-	6.22	6.27	6.32
1600	65	TC	38.9	39.2	39.4	39.6	47.6	47.9	48.1	48.4	56.2	56.6	56.9	57.2	-	65.3	65.6	66.0
		S/T	0.65	0.80	0.88	0.96	0.52	0.65	0.77	0.86	0.40	0.54	0.66	0.76	-	0.42	0.55	0.65
		kW	2.12	2.14	2.16	2.17	2.73	2.75	2.77	2.79	3.39	3.42	3.44	3.47	-	4.14	4.16	4.20
	75	TC	37.9	38.2	38.4	38.6	46.4	46.6	46.9	47.2	54.8	55.1	55.4	55.7	-	63.6	63.9	64.3
		S/T	0.66	0.82	0.90	0.98	0.53	0.67	0.79	0.88	0.41	0.55	0.67	0.78	-	0.44	0.56	0.67
		kW	2.43	2.46	2.47	2.49	3.13	3.14	3.17	3.20	3.87	3.90	3.93	3.96	-	4.72	4.75	4.79
	85	TC	36.9	37.1	37.4	37.6	45.1	45.4	45.7	45.9	53.4	53.7	54.0	54.3	-	61.9	62.3	62.6
		S/T	0.68	0.84	0.92	1.00	0.55	0.69	0.81	0.90	0.43	0.56	0.69	0.80	-	0.45	0.58	0.69
		kW	2.79	2.81	2.84	2.86	3.58	3.61	3.64	3.66	4.44	4.47	4.51	4.54	-	5.40	5.45	5.48
	95	TC	35.9	36.1	36.3	36.5	43.9	44.2	44.4	44.7	51.9	52.2	52.5	52.8	-	57.8	58.2	58.5
		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	-	0.46	0.59	0.71
		kW	3.26	3.29	3.31	3.33	4.18	4.21	4.24	4.27	5.17	5.21	5.25	5.29	-	5.95	6.01	6.05
	105	TC	34.9	35.1	35.3	35.5	41.9	42.1	42.3	42.6	47.4	47.7	48.0	48.2	-	53.9	54.2	54.5
		S/T	0.72	0.89	0.98	1.00	0.58	0.73	0.85	0.96	0.45	0.60	0.73	0.84	-	0.47	0.61	0.73
		kW	3.65	3.67	3.70	3.72	4.56	4.59	4.61	4.65	5.32	5.37	5.41	5.44	-	6.28	6.33	6.37
	115	TC	31.6	31.7	31.9	32.1	37.8	38.0	38.2	38.5	42.9	43.1	43.3	43.6	-	48.7	49.0	49.2
		S/T	0.74	0.91	1.00	1.00	0.60	0.75	0.88	0.98	0.46	0.61	0.75	0.87	-	0.49	0.63	0.75
		kW	3.74	3.75	3.78	3.80	4.63	4.66	4.68	4.73	5.40	5.44	5.47	5.52	-	6.34	6.39	6.43

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

HEATING-3TON

3TON SYSTEM-----EODA18H-2436B+EAHETN-36HA																									
INDOOR AIR		OUTDOOR AMBIENT TEMPERATURE(℉)																							
		-4			7			17			27			37			47			57			67		
IDB(℉)	CFM	MBh	kw	COP	MBh	kw	COP	MBh	kw	COP	MBh	kw	COP	MBh	kw	COP	MBh	kw	COP	MBh	kw	COP	MBh	kw	COP
65	900	22.8	4.01	1.67	26.3	3.90	1.98	28.3	3.59	2.31	31.6	3.59	2.58	35.3	3.41	3.03	36.3	3.21	3.31	36.3	2.93	3.63	36.3	2.59	4.11
	1100	24.2	4.27	1.66	27.9	4.16	1.97	30.0	3.83	2.30	33.5	3.82	2.57	37.5	3.63	3.03	38.6	3.42	3.31	38.6	3.12	3.63	38.6	2.76	4.10
	1200	24.8	4.38	1.66	28.6	4.27	1.96	30.8	3.92	2.30	34.4	3.92	2.57	38.5	3.72	3.03	39.6	3.51	3.31	39.6	3.20	3.63	39.6	2.83	4.10
70	900	20.1	3.46	1.70	23.2	3.37	2.02	25.0	3.10	2.36	27.9	3.10	2.64	31.2	2.94	3.11	32.1	2.78	3.38	32.1	2.53	3.72	32.1	2.24	4.20
	1100	21.4	3.68	1.70	24.7	3.58	2.02	26.5	3.29	2.36	29.6	3.29	2.64	33.1	3.12	3.11	34.1	2.95	3.39	34.1	2.69	3.72	34.1	2.37	4.22
	1200	22.0	3.77	1.71	25.3	3.67	2.02	27.2	3.38	2.36	30.4	3.38	2.64	34.0	3.20	3.11	35.0	3.02	3.40	35.0	2.76	3.72	35.0	2.43	4.22
75	900	17.5	2.95	1.74	20.2	2.87	2.06	21.7	2.64	2.41	24.2	2.64	2.69	27.1	2.50	3.18	27.9	2.36	3.46	27.9	2.16	3.79	27.9	1.90	4.30
	1100	18.6	3.12	1.75	21.4	3.04	2.06	23.0	2.79	2.42	25.7	2.79	2.70	28.7	2.65	3.17	29.6	2.50	3.47	29.6	2.28	3.80	29.6	2.01	4.32
	1200	19.1	3.19	1.75	22.0	3.11	2.07	23.6	2.86	2.42	26.4	2.86	2.71	29.5	2.71	3.19	30.4	2.56	3.48	30.4	2.34	3.81	30.4	2.06	4.33

HEATING-5TON

5TON SYSTEM-----EODA18H-4860B+EAHETN-60HA																									
INDOOR AIR		OUTDOOR AMBIENT TEMPERATURE(℉)																							
		-4			7			17			27			37			47			57			67		
IDB(℉)	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	1300	36.0	6.72	1.57	42.2	6.50	1.90	45.3	6.15	2.16	51.3	6.02	2.50	57.3	5.71	2.94	58.5	5.33	3.22	58.5	4.86	3.53	58.5	4.38	3.91
	1500	37.6	7.00	1.57	44.0	6.78	1.90	47.3	6.41	2.16	53.6	6.28	2.50	59.9	5.95	2.95	61.0	5.56	3.22	61.0	5.07	3.53	61.0	4.57	3.91
	1600	38.3	7.14	1.57	44.9	6.92	1.90	48.3	6.54	2.16	54.6	6.40	2.50	61.0	6.07	2.95	62.2	5.67	3.22	62.2	5.17	3.53	62.2	4.66	3.91
70	1300	31.8	5.79	1.61	37.3	5.61	1.95	40.1	5.30	2.22	45.4	5.19	2.56	50.7	4.92	3.02	51.7	4.60	3.29	51.7	4.20	3.61	51.7	3.78	4.01
	1500	33.2	6.03	1.61	38.9	5.84	1.95	41.8	5.52	2.22	47.4	5.41	2.57	52.9	5.13	3.02	53.9	4.79	3.30	53.9	4.37	3.61	53.9	3.93	4.02
	1600	33.9	6.15	1.62	39.7	5.96	1.95	42.7	5.63	2.22	48.3	5.51	2.57	53.9	5.23	3.02	55.0	4.88	3.30	55.0	4.46	3.61	55.0	4.01	4.02
75	1300	27.6	4.92	1.64	32.4	4.77	1.99	34.8	4.51	2.26	39.4	4.41	2.62	44.0	4.18	3.09	44.9	3.90	3.37	44.9	3.57	3.69	44.9	3.21	4.10
	1500	28.9	5.12	1.65	33.8	4.95	2.00	36.3	4.68	2.27	41.1	4.58	2.63	45.9	4.35	3.09	46.8	4.06	3.38	46.8	3.71	3.70	46.8	3.34	4.11
	1600	29.4	5.22	1.65	34.5	5.05	2.00	37.0	4.78	2.27	41.9	4.68	2.62	46.8	4.43	3.10	47.8	4.14	3.38	47.8	3.78	3.71	47.8	3.40	4.12

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