



AIR HANDLER NOMENCLATURE				
AH	2436	A	E	1
AIR HANDLER	CAPACITY RANGE 24,000 – 36,000	A = 115V	ECM MOTOR	REVISION LEVEL

HOT WATER COIL TO BE USED WITH AH2436AE1		
MODEL	HEATING CAPACITY (BTUH)	INLET TEMPERATURE RANGE (DEG. F)
HC1-B	32,000–75,000	140-180

HOT WATER COIL TO BE USED WITH AH4260AE1		
MODEL	HEATING CAPACITY (BTUH)	INLET TEMPERATURE RANGE (DEG. F)
HC2-A	55,000–120,000	140-180

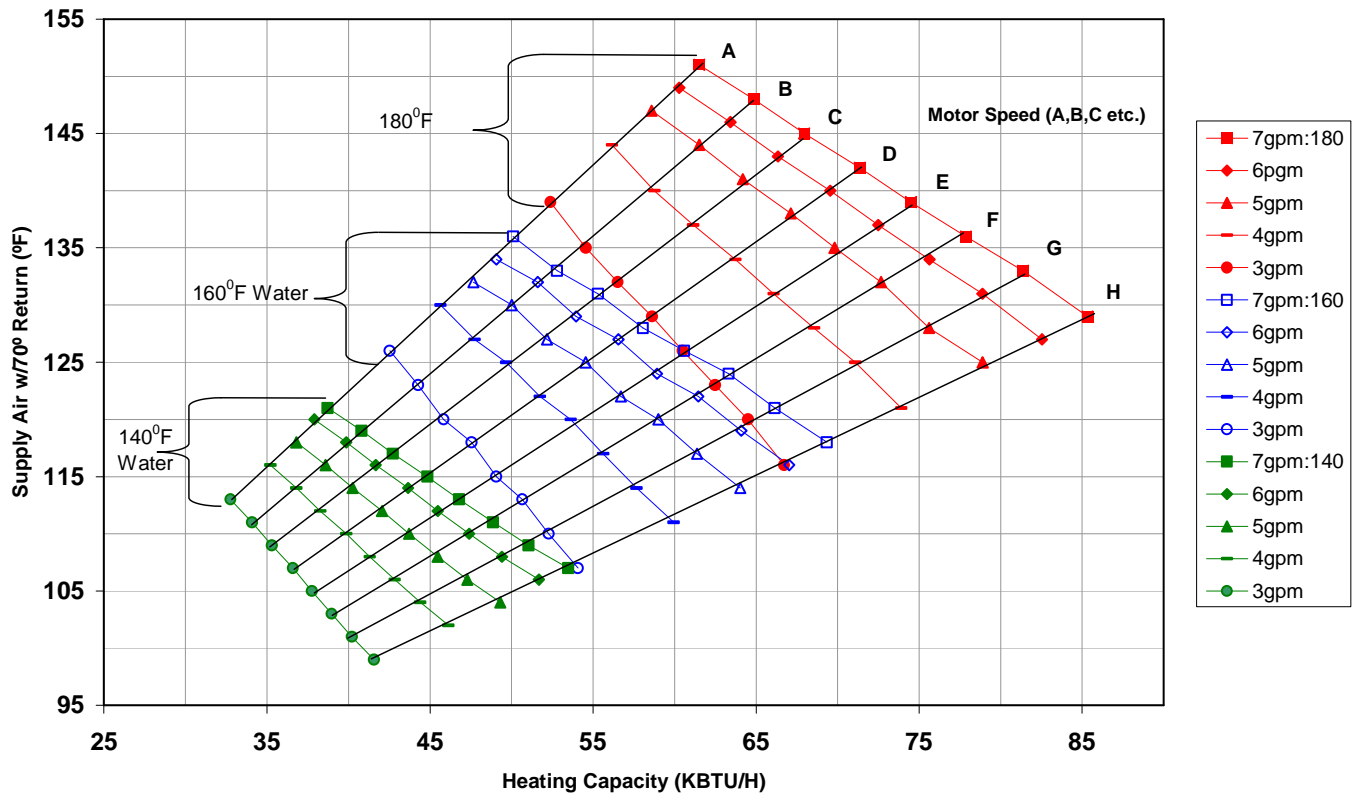
“A” STYLE EVAPORATOR COILS TO BE USED WITH AH2436AE1		
MODEL	COOLING CAPACITY (BTUH)	SEER RATING
HE36936UA140	24,000-36,000	13.0+

“A” STYLE EVAPORATOR COILS TO BE USED WITH AH4260AE1		
MODEL	COOLING CAPACITY (BTUH)	SEER RATING
HE50960UA205	36,000-60,000	13.0+

		AH2436AE1	AH2436AE1 w/ UA1-C CABINET	AH4260AE1	AH4260AE1 w/ UA2-C CABINET
UNIT	WIDTH	17.033"	17.033"	23.408"	23.408"
	DEPTH	21.5"	21.5"	28.185"	28.185"
	HEIGHT	52"	60"	59"	67"
SUPPLY PLENUM	WIDTH	14	14"	20	20"
	DEPTH	16	16"	20	20"
RETURN PLENUM	WIDTH	12.875	7.875" side plenum height	15.875	7.875" side plenum height
	DEPTH	15.875	19.875" side plenum width	17.875	25.875" side plenum width
FILTER SIZE		NOT SUPPLIED	16X20X1	NOT SUPPLIED	20X25X1
SHIPPING WEIGHT (LB)		130		180	

COOLING SPEEDS (CFM)								
MODEL NUMBER	BOTH			AH4260AE1		AH2436AE1		BOTH
HEAT/COOL/FAN	COOLING Settings			COOL	DEHUM	COOL	DEHUM	FAN
SW1 Switch Locations	6	5	4					
	OFF	OFF	OFF	800	560	800	560	500
	OFF	OFF	ON	1000	700	1000	700	500
	OFF	ON	OFF	1200	840	1200	840	600
	OFF	ON	ON	1400	980	1400	980	700
	ON	OFF	OFF	1600	1120		1120	800
	ON	OFF	ON	1800	1260		1260	900
	ON	ON	OFF	2000	1400			1000
	ON	ON	ON	2200	1540			1100

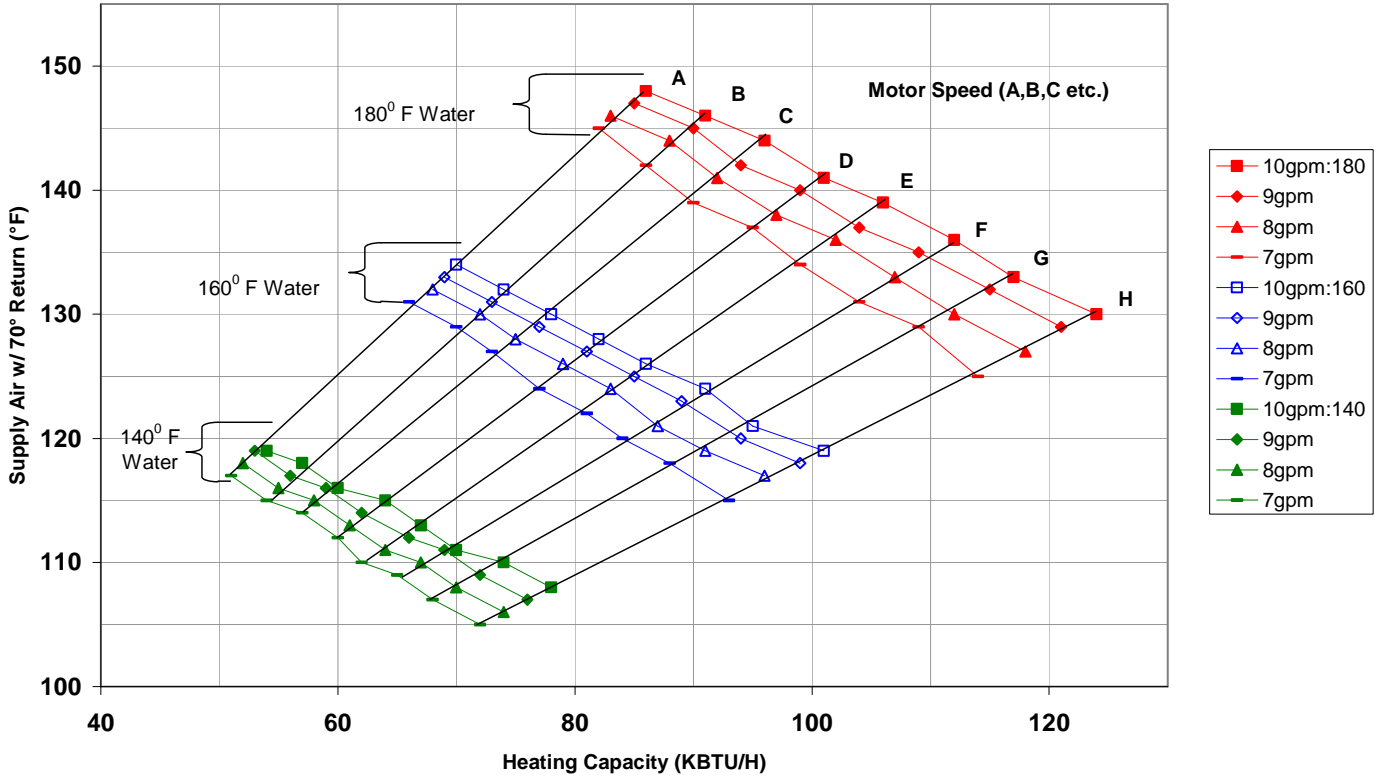
**AH2436\*E1 Temperature & Heat Values at 140, 160 & 180°F and  
3,4,5,6 & 7 gallons per minute at selected speeds**



Heat Settings (SW1)				
SPEED	CFM	1	2	3
A	689	OFF	OFF	OFF
B	754	ON	OFF	OFF
C	819	OFF	ON	OFF
D	897	ON	ON	OFF
E	975	OFF	OFF	ON
F	1066	ON	OFF	ON
G	1170	OFF	ON	ON
H	1300	ON	ON	ON

Inlet Water Temperature	Flow	Tubeside PD	CFM	Heating Capacity (KBTU/H)							
				689 (A)	754 (B)	819 (C)	897 (D)	975 (E)	1066 (F)	1170 (G)	1300 (H)
180° F	7 gpm	5.42	Supply Air (°F)	151°	148°	145°	142°	139°	136°	133°	129°
			Heat (Kbtu/h)	61517	64858	67946	71362	74504	77871	81378	85332
	6 gpm	4.05	Supply Air (°F)	149°	146°	143°	140°	137°	134°	131°	127°
			Heat (Kbtu/h)	60283	63437	66346	69553	72493	75631	78888	82545
	5 gpm	2.88	Supply Air (°F)	147°	144°	141°	138°	135°	132°	128°	125°
			Heat (Kbtu/h)	58593	61512	64191	67131	69813	72663	75606	78893
	4 gpm	1.89	Supply Air (°F)	144°	140°	137°	134°	131°	128°	125°	121°
			Heat (Kbtu/h)	56163	58766	61139	63727	66073	68549	71090	73907
	3 gpm	1.11	Supply Air (°F)	139°	135°	132°	129°	126°	123°	120°	116°
			Heat (Kbtu/h)	52393	54554	56507	58615	60509	62490	64505	66717
160° F	7 gpm	5.54	Supply Air (°F)	136°	133°	131°	128°	126°	124°	121°	118°
			Heat (Kbtu/h)	50092	52795	55294	58057	60597	63317	66151	69343
	6 gpm	4.15	Supply Air (°F)	134°	132°	129°	127°	124°	122°	119°	116°
			Heat (Kbtu/h)	49061	51611	53962	56554	58928	61461	64090	67039
	5 gpm	2.95	Supply Air (°F)	132°	130°	127°	125°	122°	120°	117°	114°
			Heat (Kbtu/h)	47654	50011	52174	54547	56711	59009	61382	64031
	4 gpm	1.94	Supply Air (°F)	130°	127°	125°	122°	120°	117°	114°	111°
			Heat (Kbtu/h)	45639	47738	49652	51738	53629	55624	57670	59939
	3 gpm	1.13	Supply Air (°F)	126°	123°	120°	118°	115°	113°	110°	107°
			Heat (Kbtu/h)	42530	44272	45845	47544	49069	50664	52286	54068
140° F	7 gpm	5.67	Supply Air (°F)	121°	119°	117°	115°	113°	111°	109°	107°
			Heat (Kbtu/h)	38730	40806	42723	44842	46788	48872	51041	53484
	6 gpm	4.25	Supply Air (°F)	120°	118°	116°	114°	112°	110°	108°	106°
			Heat (Kbtu/h)	37900	39865	41666	43651	45468	47406	49417	51672
	5 gpm	3.02	Supply Air (°F)	118°	116°	114°	112°	110°	108°	106°	104°
			Heat (Kbtu/h)	36792	38597	40252	42067	43721	45478	47290	49313
	4 gpm	1.99	Supply Air (°F)	116°	114°	112°	110°	108°	106°	104°	102°
			Heat (Kbtu/h)	35200	36806	38268	39862	41305	42828	44390	46121
	3 gpm	1.16	Supply Air (°F)	113°	111°	109°	107°	105°	103°	101°	99°
			Heat (Kbtu/h)	32760	34090	35291	36588	37751	38968	40206	41565

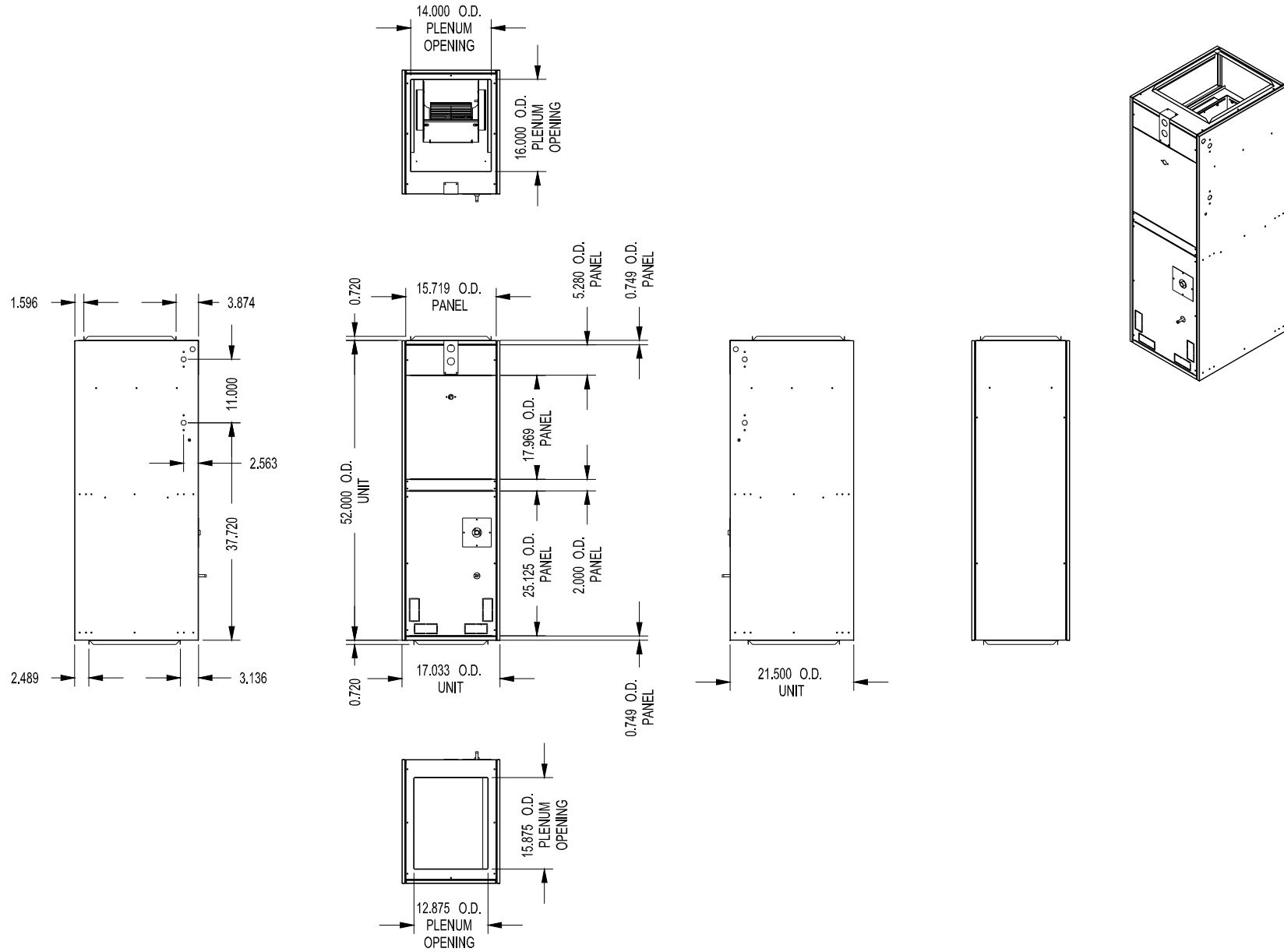
**AH4260°E1 Temperature & Heat Values at 140, 160 & 180°F  
and 7,8,9 & 10 gallons per minute at selected speeds**



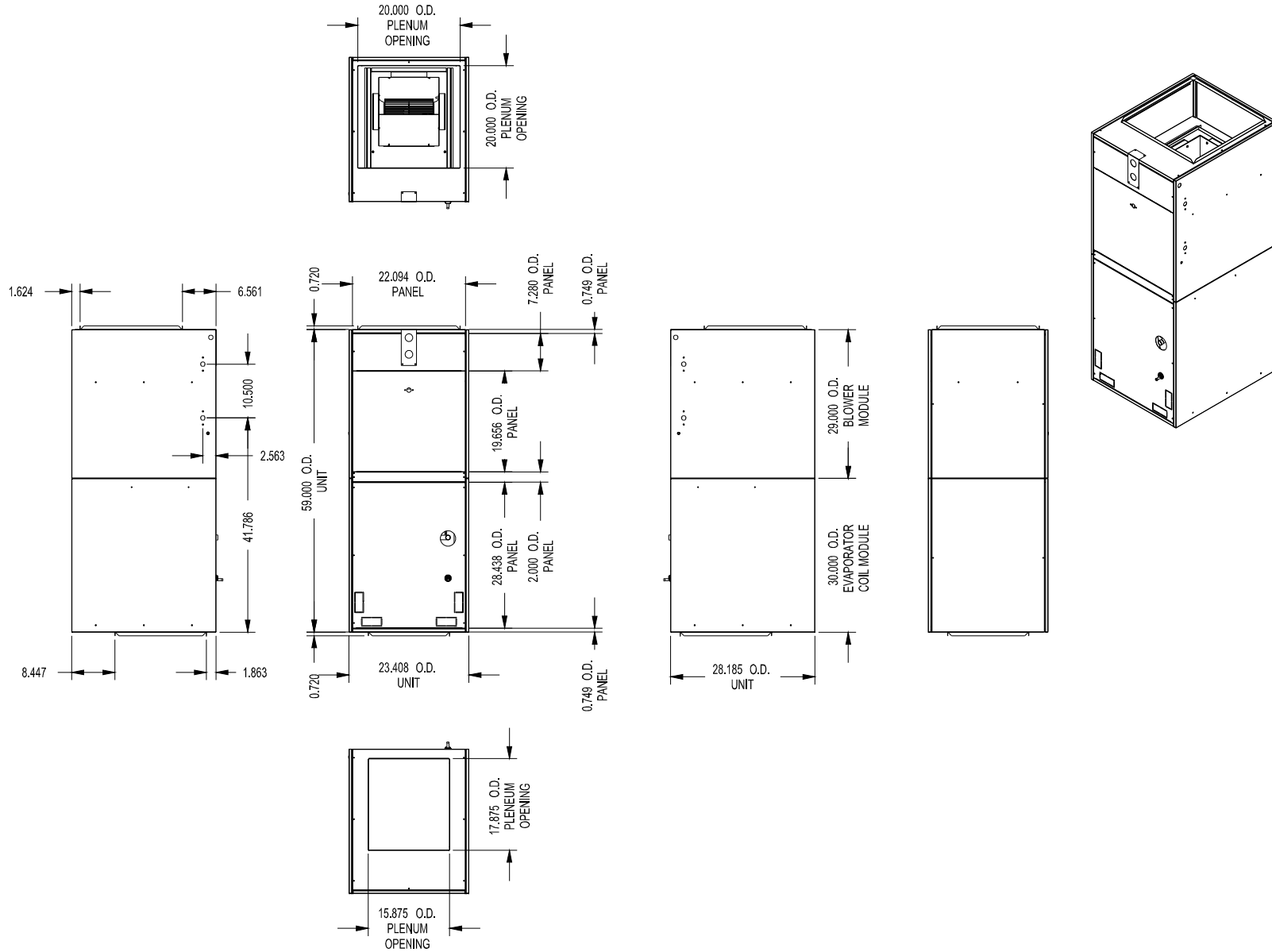
Heat Settings (SW1)				
SPEED	CFM	1	2	3
A	1007	OFF	OFF	OFF
B	1102	ON	OFF	OFF
C	1197	OFF	ON	OFF
D	1311	ON	ON	OFF
E	1425	OFF	OFF	ON
F	1558	ON	OFF	ON
G	1710	OFF	ON	ON
H	1900	ON	ON	ON

Inlet Water Temperature	Flow	Tubeside PD	CFM	1007 (A)	1102 (B)	1197 (C)	1311 (D)	1425 (E)	1558 (F)	1710 (G)	1900 (H)
180°F H <sub>2</sub> O	10 gpm	1.88	Supply Air (°F)	148	146	144	141	139	136	133	130
			Heat (Kbtu/H)	86	91	96	101	106	112	117	124
	9 gpm	1.54	Supply Air (°F)	147	145	142	140	137	135	132	129
			Heat (Kbtu/H)	85	90	94	99	104	109	115	121
	8 gpm	1.23	Supply Air (°F)	146	144	141	138	136	133	130	127
			Heat (Kbtu/H)	83	88	92	97	102	107	112	118
	7 gpm	0.95	Supply Air (°F)	145	142	139	137	134	131	129	125
			Heat (Kbtu/H)	82	86	90	95	99	104	109	114
160°F H <sub>2</sub> O	10 gpm	1.92	Supply Air (°F)	134	132	130	128	126	124	121	119
			Heat (Kbtu/H)	70	74	78	82	86	91	95	101
	9 gpm	1.57	Supply Air (°F)	133	131	129	127	125	123	120	118
			Heat (Kbtu/H)	69	73	77	81	85	89	94	99
	8 gpm	1.25	Supply Air (°F)	132	130	128	126	124	121	119	117
			Heat (Kbtu/H)	68	72	75	79	83	87	91	96
	7 gpm	0.97	Supply Air (°F)	131	129	127	124	122	120	118	115
			Heat (Kbtu/H)	66	70	73	77	81	84	88	93
140°F H <sub>2</sub> O	10 gpm	1.95	Supply Air (°F)	119	118	116	115	113	111	110	108
			Heat (Kbtu/H)	54	57	60	64	67	70	74	78
	9 gpm	1.6	Supply Air (°F)	119	117	116	114	112	111	109	107
			Heat (Kbtu/H)	53	56	59	62	66	69	72	76
	8 gpm	1.27	Supply Air (°F)	118	116	115	113	111	110	108	106
			Heat (Kbtu/H)	52	55	58	61	64	67	70	74
	7 gpm	0.99	Supply Air (°F)	117	115	114	112	110	109	107	105
			Heat (Kbtu/H)	51	54	57	60	62	65	68	72

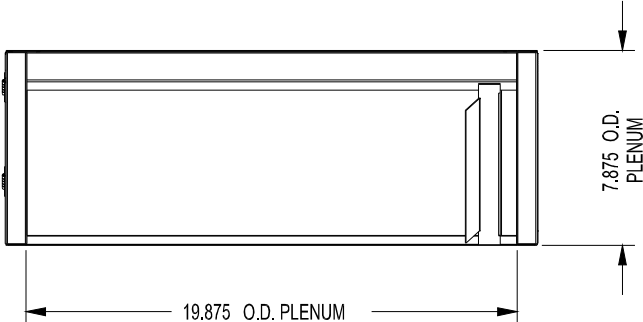
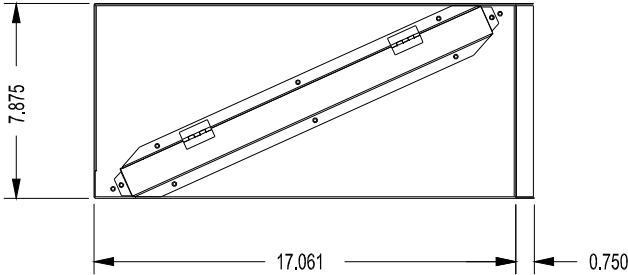
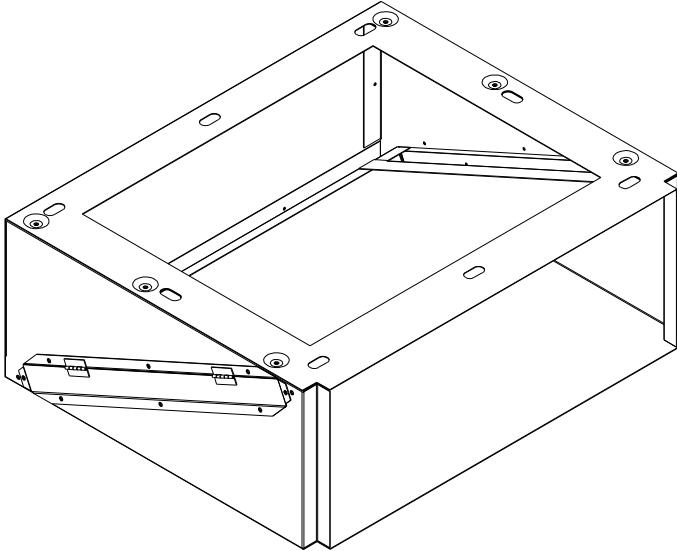
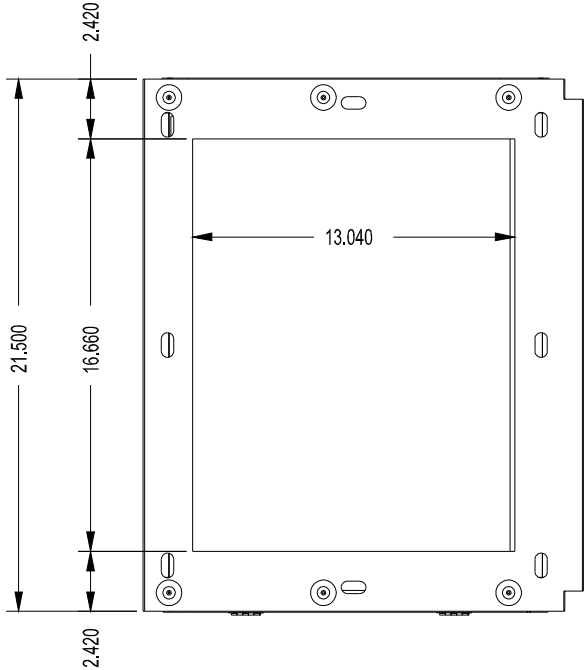
# AH2436AE1 AIR HANDLER SPECIFICATIONS



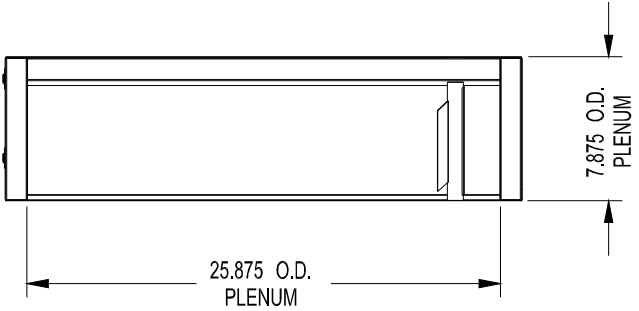
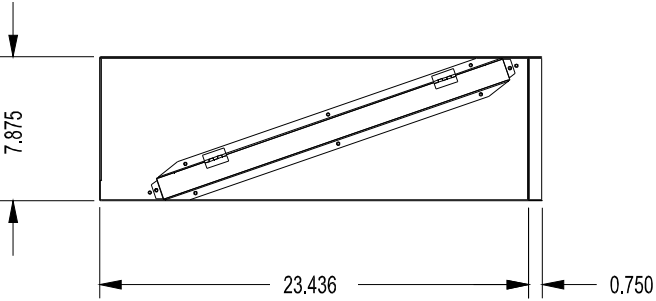
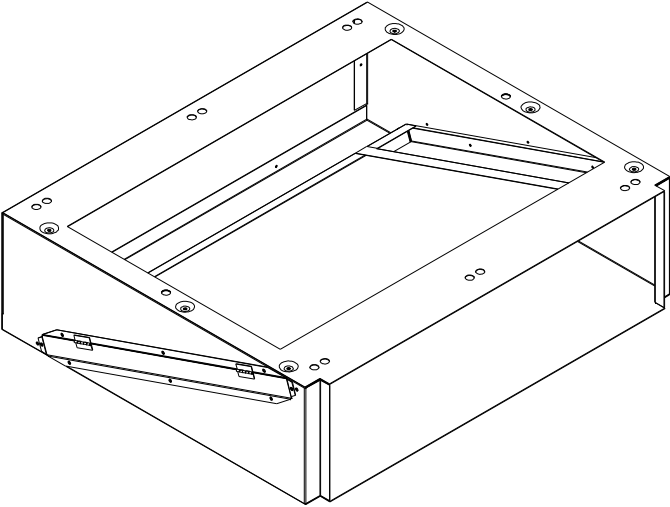
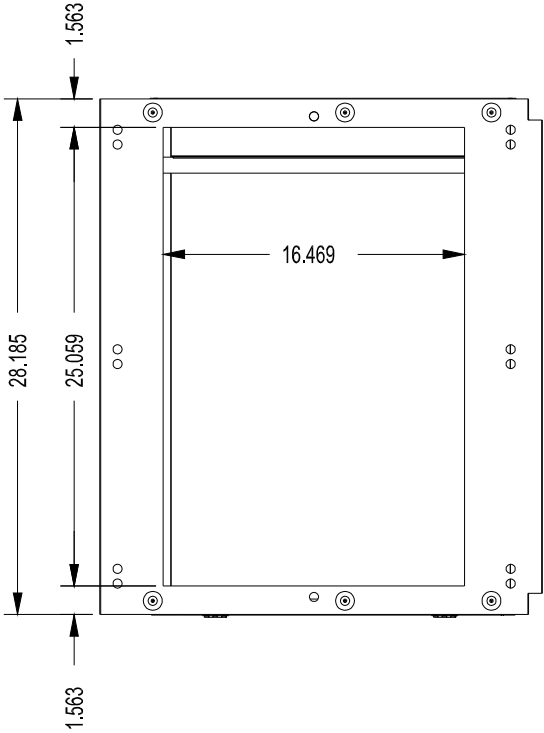
# AH4260AE1 AIR HANDLER SPECIFICATIONS



UA1-C UPFLOW ADAPTER CABINET SPECIFICATIONS



UA2-C UPFLOW ADAPTER CABINET SPECIFICATIONS





### A/C Evaporator Coil Applications

Furnace Model Number	AC Tonnage	Line Set	Cond. Model Number	Coil Model Number	Capacity	EER	SEER	AHRI Reference Number
AH2436AE1	2	LS01E-30 LS01E-50	TC4B2421H	HE36936UA140	23000	12.20	14.50	10203301
				-	-	-	-	-
			TC7B2421S	HE36936UA140	23600	13.00	16.00	10203304
				-	-	-	-	-
	2.5	LS01E-30 LS01E-50	TC4B3021H	HE36936UA140	29400	12.20	14.00	10203302
				-	-	-	-	-
			TC7B3021S	HE36936UA140	28400	12.50	15.00	10203305
				-	-	-	-	-
	3	LS01E-30 LS01E-50	TC4B3621H	HE36936UA140	34600	12.20	14.00	10203303
				-	-	-	-	-
			TC7B3621S	HE36936UA140	36000	12.50	15.00	10203306
				-	-	-	-	-
AH4260AE1	3.5	LS02E-30 LS02E-50	TC7B4221S	-	-	-	-	-
				HE50960UA205	41500	13.00	16.00	9136152
	4	LS02E-30 LS02E-50	TC4B4821H	-	-	-	-	-
				HE50960UA205	47500	12.20	14.50	9136144
			TC7B4821S	-	-	-	-	-
				HE50960UA205	45500	12.50	15.00	9136154
	5	1 1/8" <sup>1</sup> 3/8"	TC4B6021S	-	-	-	-	-
				HE50960UA205	56000	12.20	14.00	10156162

<sup>1</sup> Adapter fitting must be field supplied to connect required 1 1/8" line set to 7/8" service valve connection.