



| AIR HANDLER NOMENCLATURE | | | | |
|--------------------------|--------------------------------|----------------------|-----------|----------------|
| AH | 2436 | A | E | 1 |
| AIR HANDLER | CAPACITY RANGE 24,000 – 36,000 | A = 115V B = 240V | ECM MOTOR | REVISION LEVEL |

| HOT WATER COIL TO BE USED WITH AH2436AE1 / AH2436BE1 | | |
|---|----------------------------|-------------------------------------|
| 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 / AH4260BE1 | | |
|---|----------------------------|-------------------------------------|
| 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 / AH2436BE1 | | |
|---|----------------------------|-------------|
| MODEL | COOLING CAPACITY (BTUH) | SEER RATING |
| 13U2436AB14 | 24,000-36,000 | 13.0+ |

| “A” STYLE EVAPORATOR COILS TO BE USED WITH AH4260AE1 / AH4260BE1 | | |
|---|----------------------------|-------------|
| MODEL | COOLING CAPACITY (BTUH) | SEER RATING |
| 13U4248AB20 | 36,000-60,000 | 13.0+ |

| A/C CONDENSER UNITS TO BE USED WITH (AH) PRODUCT LINE | | | |
|---|----------------------------|-------|-------|
| MODEL | COOLING CAPACITY (BTUH) | SEER | EER |
| AC14241E2 | 26,000 | 16.20 | 14.10 |
| AC14301E2 | 31,000 | 16.20 | 14.20 |
| AC14361E2 | 36,200 | 14.95 | 13.30 |
| AC14421E2 | 43,000 | 15.40 | 13.55 |
| AC14481E2 | 47,000 | 13.60 | 11.70 |
| AC14483E2 | 48,000 | 14.45 | 12.85 |
| AC14601E2 | 58,500 | 13.00 | 11.25 |
| AC14603E2 | 60,000 | 13.00 | 11.65 |
| HP14241A1 | 25,200 | 15.40 | 13.50 |
| HP14301A1 | 29,800 | 14.75 | 13.15 |
| HP14361A1 | 35,200 | 14.40 | 12.85 |

XAHxxxxE1
4905-MA 060608

| ELECTRIC HEATER TO BE USED WITH AH2436BE1 | | |
|---|------------------------------|------------------|
| MODEL | HEATING CAPACITY KW/ BTUH | VOLTS / AMPS |
| EH104A | 4KW / 13,600 BTU | 240V / 16.7 AMPS |
| EH108A | 8KW / 27,200 BTU | 240V / 33.4 AMPS |

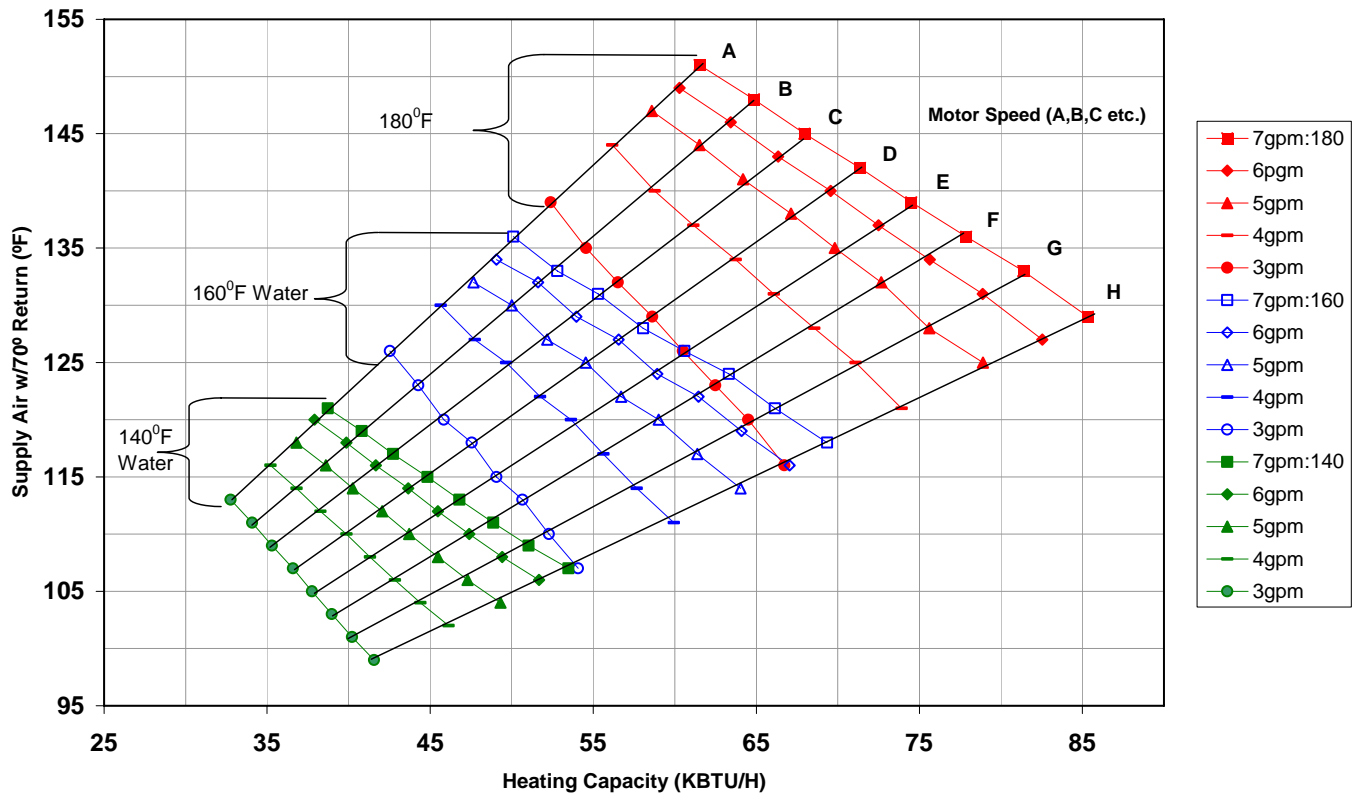
| ELECTRIC HEATER TO BE USED WITH AH4260BE1 | | |
|---|------------------------------|------------------|
| MODEL | HEATING CAPACITY KW/ BTUH | VOLTS / AMPS |
| EH208A | 8KW / 27,200 BTU | 240V / 33.4 AMPS |
| EH212A | 12KW / 40,800 BTU | 240V / 50.1 AMPS |
| EH216A | 16KW / 54,400 BTU | 240V / 66.8 AMPS |

| | | AH2436*E1 | AH2436*E1 w/ UA1-C CABINET | AH4260*E1 | AH4260*E1 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 | | | AH4260*E1 | | AH2436*E1 | | 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 |

| HEATING SPEEDS FOR ELECTRIC HEATERS | | | | | | | | | |
|-------------------------------------|-----|-----|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | | AH4260BE1 | | | | AH2436BE1 | | |
| 3 | 2 | 1 | CFM | EH208A | EH212A | EH216A | CFM | EH104A | EH108A |
| | | | | TEMP RISE | TEMP RISE | TEMP RISE | | TEMP RISE | TEMP RISE |
| OFF | OFF | OFF | 1007 | 25 | 38 | 50 | 689 | 18 | 37 |
| OFF | OFF | ON | 1102 | 23 | 34 | 46 | 754 | 17 | 33 |
| OFF | ON | OFF | 1197 | 21 | 32 | 42 | 819 | 15 | 31 |
| OFF | ON | ON | 1311 | 19 | 29 | 38 | 897 | 14 | 28 |
| ON | OFF | OFF | 1425 | 18 | 27 | 35 | 975 | 13 | 26 |
| ON | OFF | ON | 1558 | 16 | 24 | 32 | 1066 | 12 | 24 |
| ON | ON | OFF | 1710 | 15 | 22 | 29 | 1170 | 11 | 22 |
| ON | ON | ON | 1900 | 13 | 20 | 27 | 1300 | 10 | 19 |

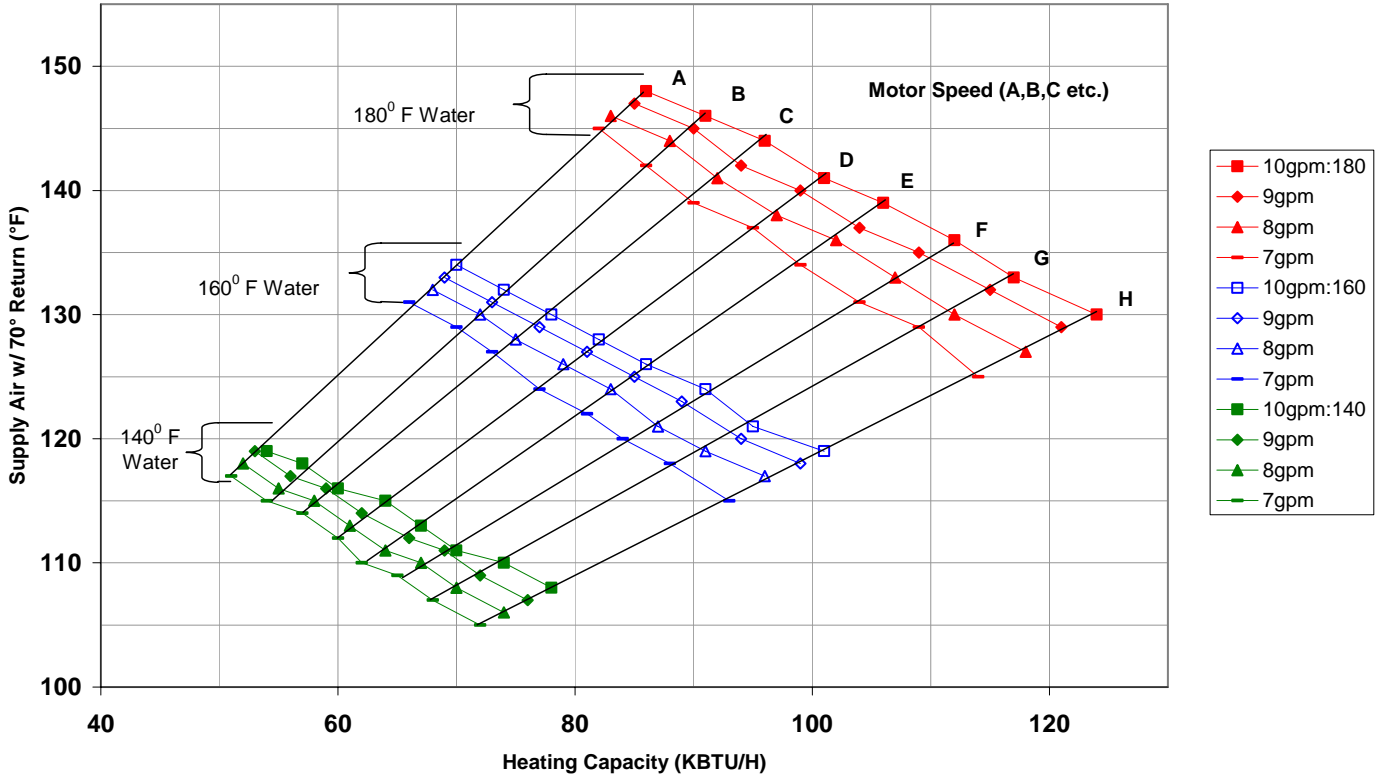
**AH2436*E1 Temperature & Heat Values at 140, 160 & 180°F and
3,4,5,6 & 7 gallons per minute at selected speeds**



| 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 | Heat Settings (SW1) | | | | | | | | |
|-------------------------|--------|-------------|-----------------|---------------------|---------|---------|---------|---------|----------|----------|----------|-------|
| | | | | 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 | |

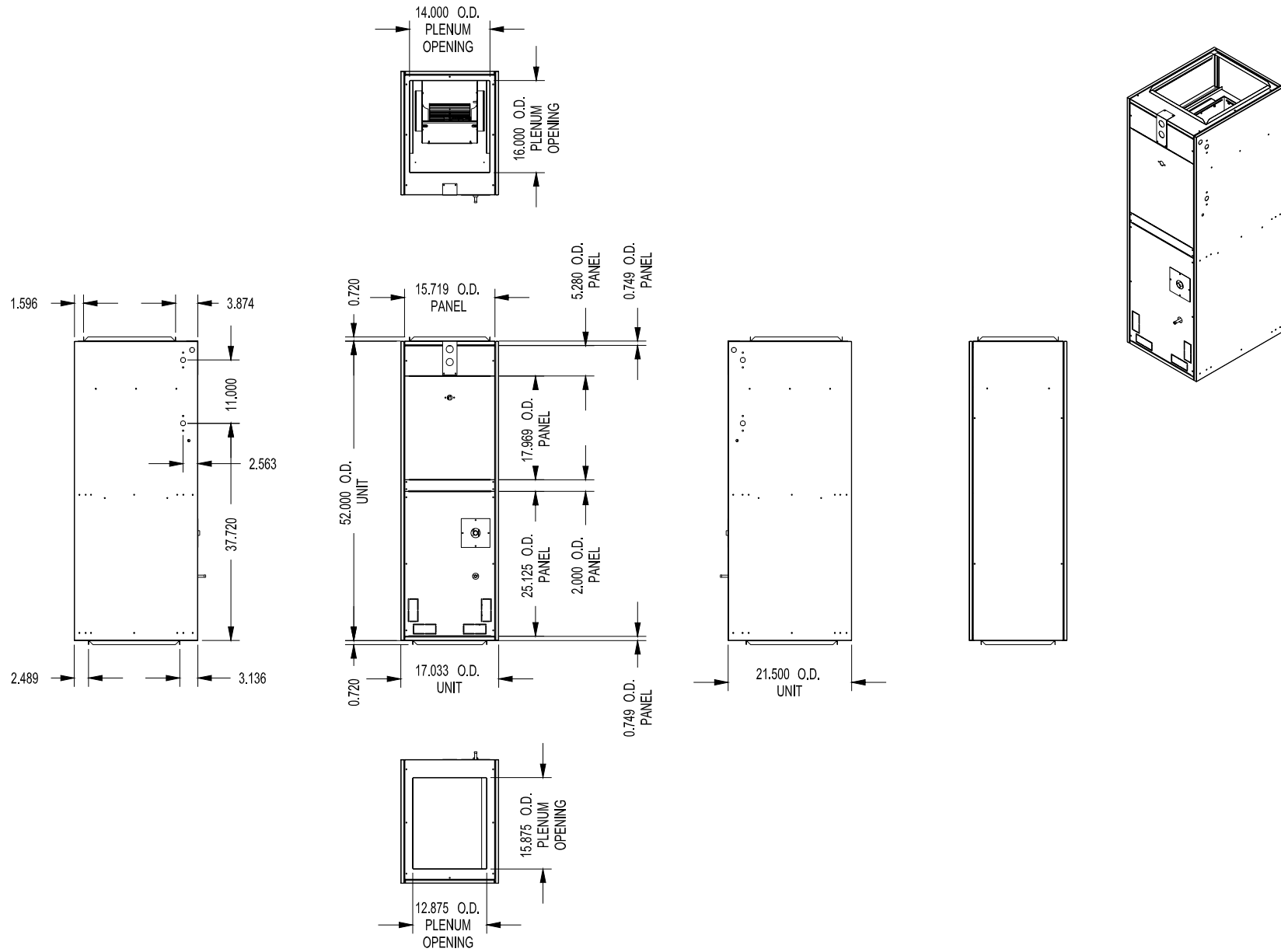
**AH4260*E1 Temperature & Heat Values at 140, 160 & 180°F
and 7,8,9 & 10 gallons per minute at selected speeds**



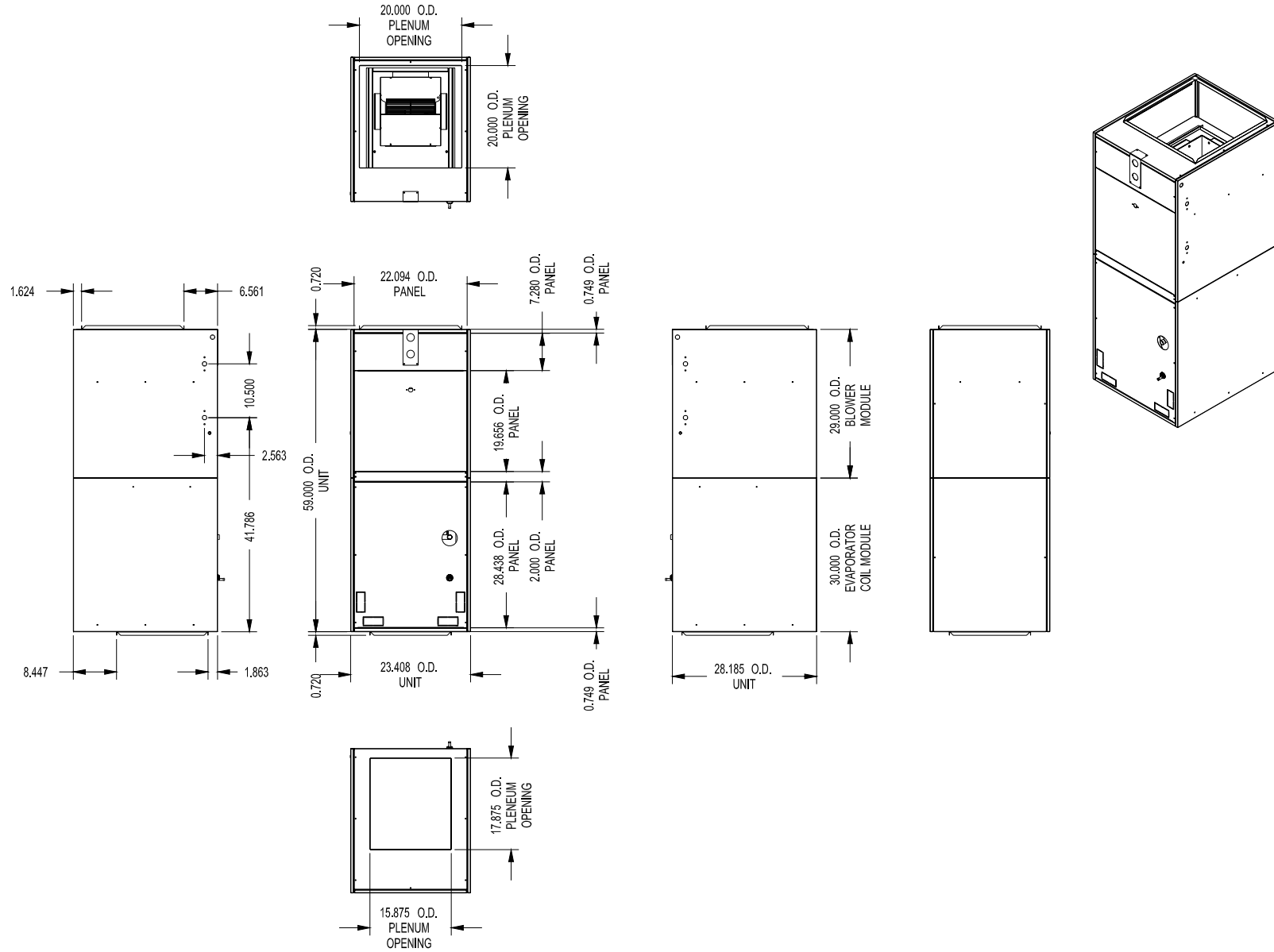
| Heat Settings (SW1) | | | | |
|---------------------|------|-----|-----|-----|
| SPEED | CFM | 1 | 2 | 3 |
| A | 1007 | OFF | OFF | OFF |
| B | 1102 | ON | OFF | OFF |
| C | 1197 | OFF | ON | OFF |
| D | 1311 | ON | ON | OFF |
| E | 1425 | OFF | OFF | ON |
| F | 1558 | ON | OFF | ON |
| G | 1710 |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

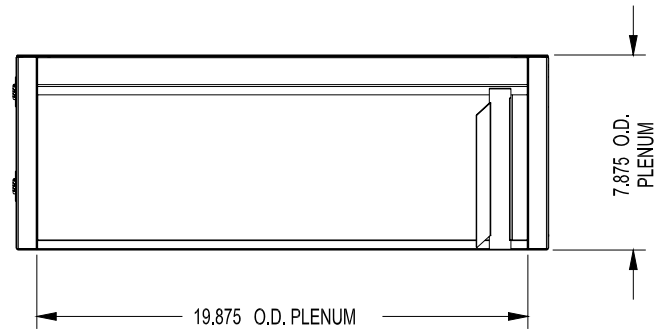
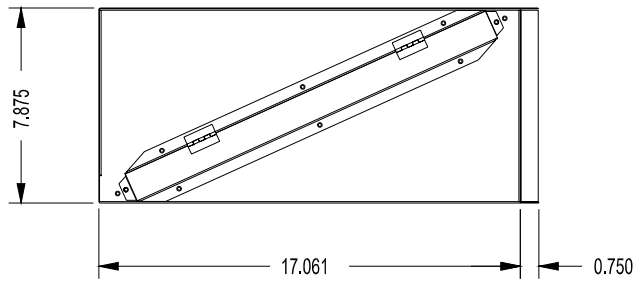
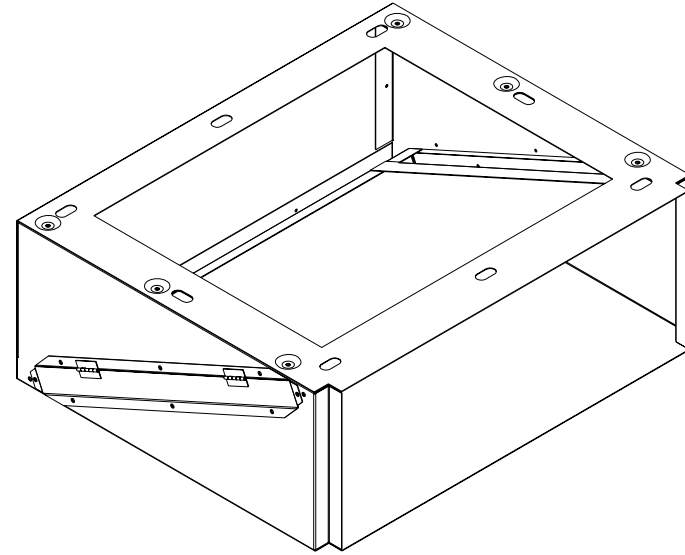
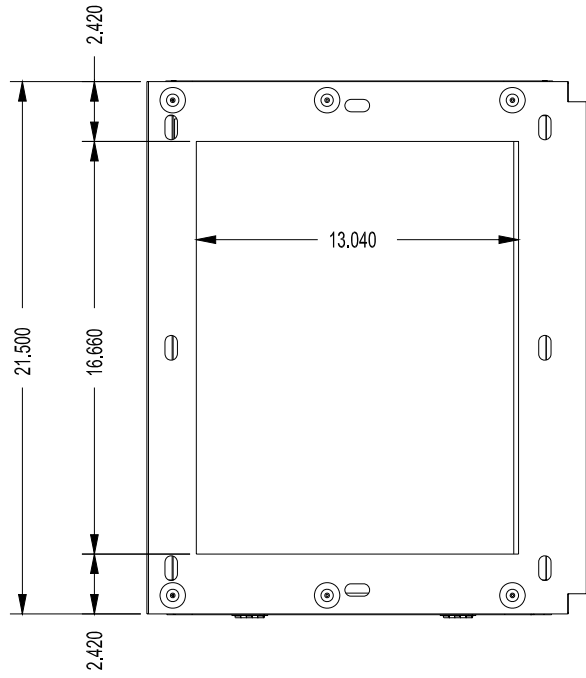
AH2436*E1 AIR HANDLER SPECIFICATIONS



AH4260*E1 AIR HANDLER SPECIFICATIONS



UA1-C UPFLOW ADAPTER CABINET SPECIFICATIONS



UA2-C UPFLOW ADAPTER CABINET SPECIFICATIONS

