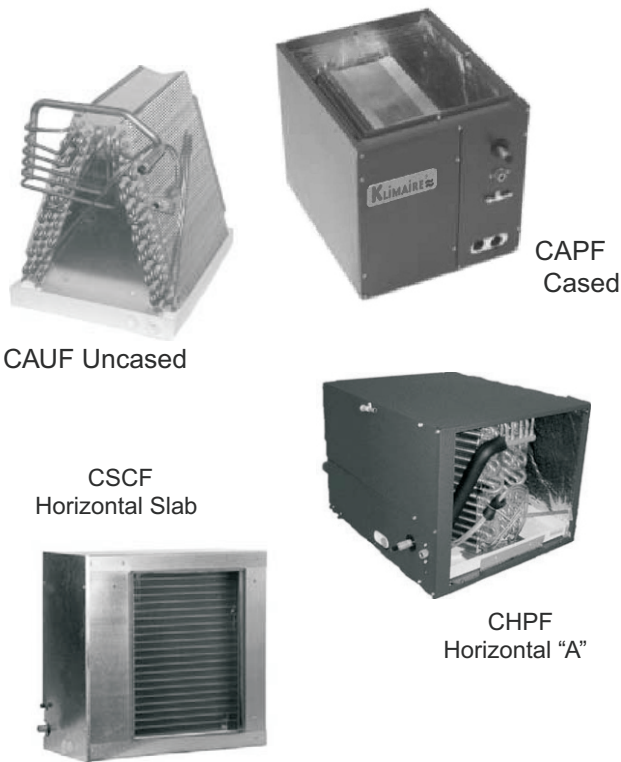




## PRODUCT SPECIFICATIONS

### CAPF, CAUF, CHPF, & CSCF

### DUAL-REFRIGERANT SERIES

### CASED, PAINTED UPFLOW/ DOWNFLOW, UNCASED UPFLOW/ DOWNFLOW, HORIZONTAL "A" & HORIZONTAL SLAB INDOOR COILS



Klimaïre coils are designed for use with Klimaïre brand gas furnaces, split system air conditioners and heat pumps, as well as modular, two-piece blowers. Each cased coil has a quality, galvanized-steel cabinet.

#### Standard Features

Suitable for use with R-410A and R-22 refrigerants  
Rust-proof, thermoplastic drain pans feature a low water-retention design  
Check floatwater expansion device for heat pump or cooling-only applications  
Rifled copper tubing and louvered aluminum fin coils

#### Cased Coil Cabinet Features

Foil-face insulation  
Galvanized leather-grain finish  
Architectural Gray paint finish on CAPF and CHPF cased coils  
Split-seam front for easy access  
17½", 21", and 24½" CHPF coils have one 3½" adapter plate  
17½", 21", and 24½" CAPF coils have two 1¾" adapter plates

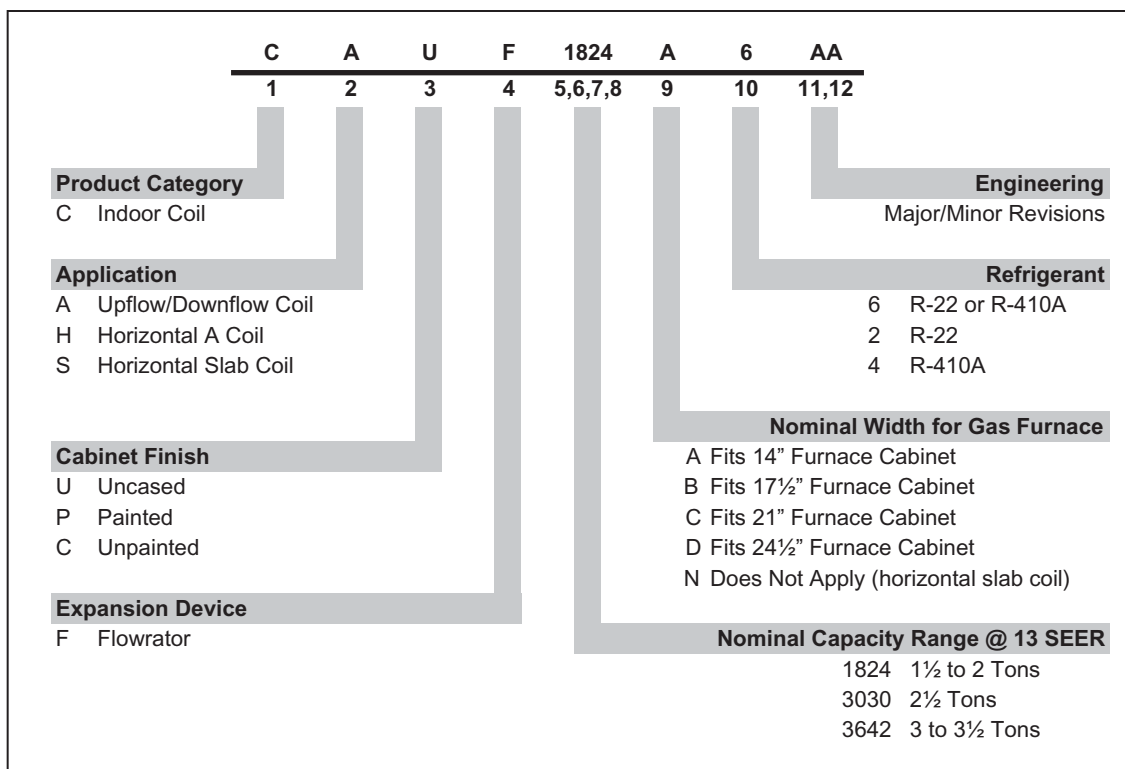
#### Accessories

See full list of accessories on Page 2.

#### Note:

Do not use these coils on oil furnaces or any applications where the temperature on the drain pan may exceed 300°F. If these coils are applied with an oil furnace or another application where high temperatures threaten or jeopardize the durability of the drain pan, you must replace the factory-installed drain pan with a high-temperature drain pan. High-temperature drain pan kits are available as field-installed accessories.

## NOMENCLATURE



## ACCESSORIES

## EXPANSION VALVE KITS

| Kit Number | Description     | Application | Refrigerant | Tonnage:<br>Outdoor Unit |
|------------|-----------------|-------------|-------------|--------------------------|
| XVB18-36C  | 20% Bleed Valve | AC Only     | R-22        | 1½ - 3 Ton               |
| XVB42-60C  | 20% Bleed Valve | AC Only     | R-22        | 3½ - 5 Ton               |
| XV18-36C   | Non-bleed Valve | AC Only     | R-22        | 1½ - 3 Ton               |
| XV42-60C   | Non-bleed Valve | AC Only     | R-22        | 3½ - 5 Ton               |
| TX2N2      | Non-bleed Valve | AC or HP    | R-22        | 1½ - 2 Ton               |
| TX3N2      | Non-bleed Valve | AC or HP    | R-22        | 2½ - 3 Ton               |
| TX5N2      | Non-bleed Valve | AC or HP    | R-22        | 3½ - 5 Ton               |
| TX2N4      | Non-bleed Valve | AC or HP    | R-410A      | 1½ - 2 Ton               |
| TX3N4      | Non-bleed Valve | AC or HP    | R-410A      | 2½ - 3 Ton               |
| TX5N4      | Non-bleed Valve | AC or HP    | R-410A      | 3½ - 5 Ton               |

**Note:** Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device.

## DRAIN PAN KITS

| Drain Pan Kits | Furnace Size  |
|----------------|---------------|
| HTP-A          | 14" furnaces  |
| HTP-B          | 17½" furnaces |
| HTP-C          | 21" furnaces  |
| HTP-D          | 24½" furnaces |

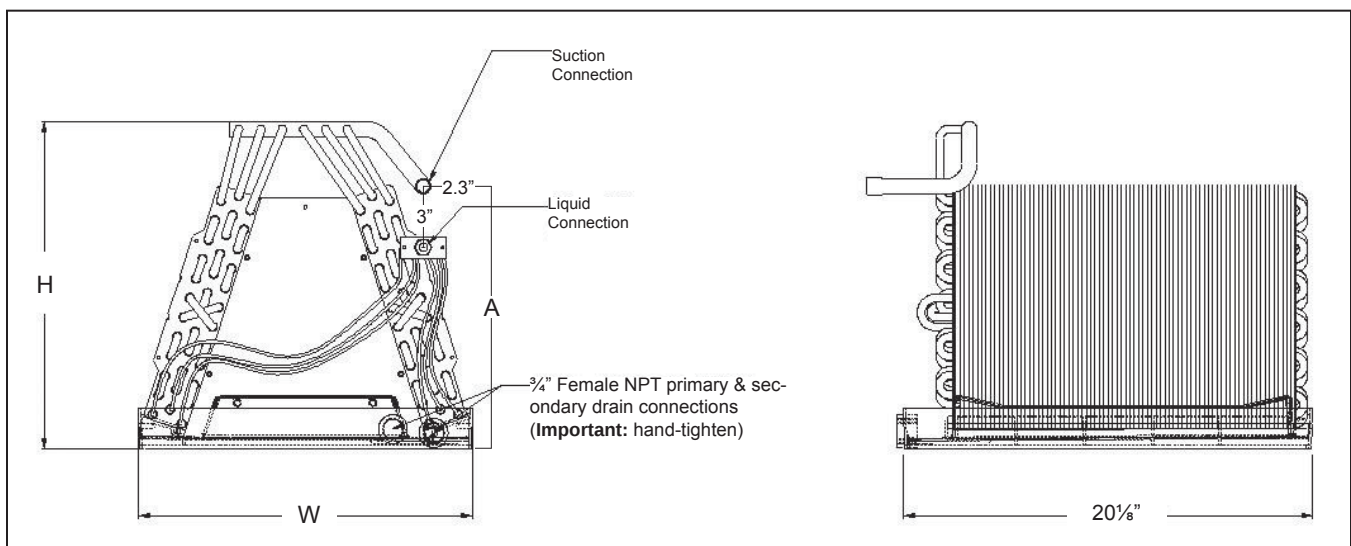
# CAUF — UNCASED UPFLOW/DOWNFLOW INDOOR COILS

## SPECIFICATIONS

| Model      | Dimensions |      |                                     |     | Nominal Tons | Coil Dimensions |     | Connection |         | Ship Weight (lbs) |
|------------|------------|------|-------------------------------------|-----|--------------|-----------------|-----|------------|---------|-------------------|
|            | W          | D    | H                                   | A   |              | W               | H   | Liquid     | Suction |                   |
| CAUF1824A6 | 13"        | 20½" | 18⅞"                                | 13" | 1½-2         | 16¾"            | 14" | ⅜"         | ¾"      | 20                |
| CAUF1824B6 | 16½"       | 20½" | 20"                                 | 13" | 1½-2         | 16¾"            | 16" | ⅜"         | ¾"      | 23                |
| CAUF1824C6 | 20"        | 20½" | 17⅝"                                | 17" | 1½-2         | 16¾"            | 14" | ⅜"         | ¾"      | 27                |
| CAUF3030A6 | 13"        | 20½" | 20"                                 | 17" | 2½           | 16¾"            | 16" | ⅜"         | ¾"      | 23                |
| CAUF3030B6 | 16½"       | 20½" | 20"                                 | 17" | 2½           | 16¾"            | 16" | ⅜"         | ¾"      | 26                |
| CAUF3030C6 | 20"        | 20½" | 18⅜"                                | 17" | 2½           | 16¾"            | 16" | ⅜"         | ¾"      | 29                |
| CAUF3030D6 | 23"        | 20½" | 17¾"                                | 17" | 2½           | 16¾"            | 16" | ⅜"         | ¾"      | 32                |
| CAUF3131B6 | 16½"       | 20½" | 19⅝ <sup>15</sup> / <sub>16</sub> " | 17" | 2½           | 16¾"            | 18" | ⅜"         | ¾"      | 28                |
| CAUF3131C6 | 20"        | 20½" | 24⅞"                                | 17" | 2½           | 16¾"            | 20" | ⅜"         | ¾"      | 31                |
| CAUF3636A6 | 13"        | 20½" | 24⅞"                                | 21" | 3            | 16¾"            | 22" | ⅜"         | 7/8"    | 29                |
| CAUF3636B6 | 16½"       | 20½" | 23⅝ <sup>15</sup> / <sub>16</sub> " | 21" | 3            | 16¾"            | 22" | ⅜"         | 7/8"    | 32                |
| CAUF3636C6 | 20"        | 20½" | 23⅞"                                | 21" | 3            | 16¾"            | 22" | ⅜"         | 7/8"    | 35                |
| CAUF3636D6 | 23"        | 20½" | 31⅞"                                | 21" | 3            | 16¾"            | 22" | ⅜"         | 7/8"    | 38                |
| CAUF3642C6 | 20"        | 20½" | 28⅝ <sup>5</sup> / <sub>16</sub> "  | 25" | 3-3½         | 16¾"            | 26" | ⅜"         | 7/8"    | 39                |
| CAUF3642D6 | 23"        | 20½" | 28⅞"                                | 25" | 3-3½         | 16¾"            | 26" | ⅜"         | 7/8"    | 42                |
| CAUF3743C6 | 20"        | 20½" | 28⅝ <sup>5</sup> / <sub>16</sub> "  | 25" | 3-3½         | 16¾"            | 26" | ⅜"         | 7/8"    | 46                |
| CAUF3743D6 | 23"        | 20½" | 28⅞"                                | 25" | 3-3½         | 16¾"            | 26" | ⅜"         | 7/8"    | 49                |
| CAUF4860C6 | 20"        | 20½" | 28⅝ <sup>5</sup> / <sub>16</sub> "  | 25" | 4-5          | 16¾"            | 26" | ⅜"         | 7/8"    | 48                |
| CAUF4860D6 | 23"        | 20½" | 28⅞"                                | 25" | 4-5          | 16¾"            | 26" | ⅜"         | 7/8"    | 51                |
| CAUF4961C6 | 20"        | 20½" | 28⅝ <sup>5</sup> / <sub>16</sub> "  | 25" | 4-5          | 16¾"            | 26" | ⅜"         | 7/8"    | 54                |
| CAUF4961D6 | 23"        | 20½" | 28⅞"                                | 25" | 4-5          | 16¾"            | 26" | ⅜"         | 7/8"    | 58                |

Note: For a properly matched system, refer to specification sheet of the corresponding Klimaire outdoor unit.

## DIMENSIONS



## PRODUCT SPECIFICATIONS

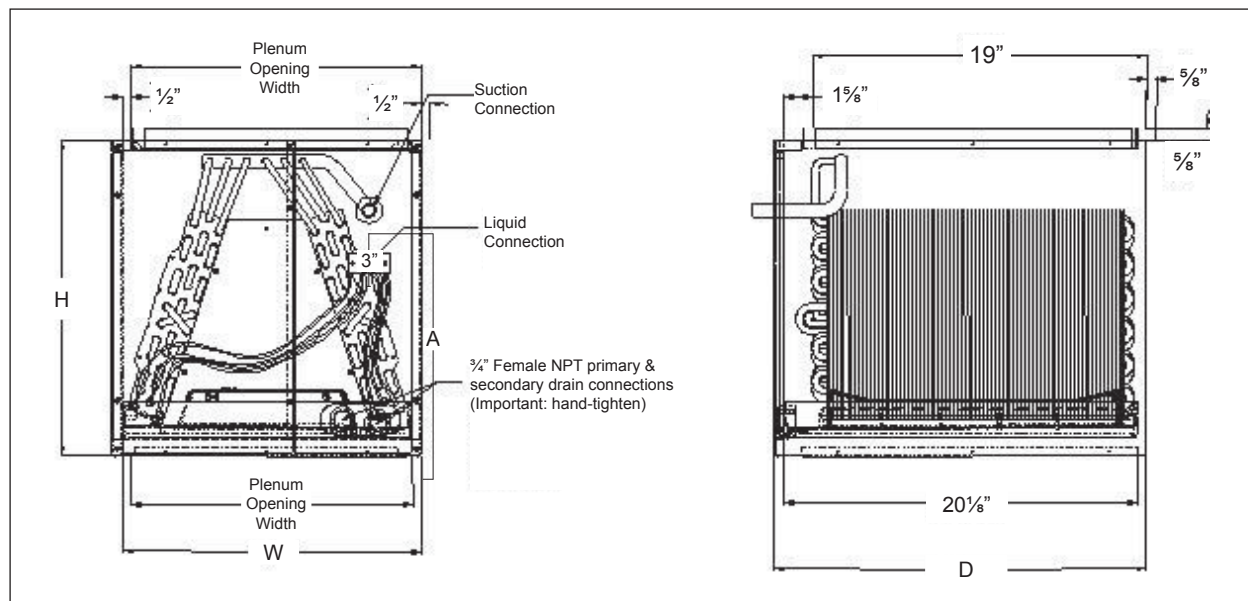
# CAPF — CASED UPFLOW/DOWNFLOW INDOOR COILS

## SPECIFICATIONS

| Model      | Dimensions         |     |     | Plenum Opening     |     | Evap<br>Coil Face<br>Area* | Coil Dimensions    |     | Nominal<br>Tons    | Connection      |                 | Ship<br>Weight<br>(lbs) |
|------------|--------------------|-----|-----|--------------------|-----|----------------------------|--------------------|-----|--------------------|-----------------|-----------------|-------------------------|
|            | W                  | D   | H   | W                  | H   |                            | W                  | H   |                    | Liquid          | Suction         |                         |
| CAPF1824A6 | 14"                | 21" | 18" | 13"                | 17" | 3 $\frac{1}{4}$            | 16 $\frac{3}{4}$ " | 14" | 1 $\frac{1}{2}$ -2 | $\frac{3}{8}$ " | $\frac{3}{4}$ " | 35                      |
| CAPF1824B6 | 17 $\frac{1}{2}$ " | 21" | 18" | 16 $\frac{1}{2}$ " | 17" | 3 $\frac{5}{7}$            | 16 $\frac{3}{4}$ " | 16" | 1 $\frac{1}{2}$ -2 | $\frac{3}{8}$ " | $\frac{3}{4}$ " | 40                      |
| CAPF1824C6 | 21"                | 21" | 22" | 20"                | 21" | 3 $\frac{1}{4}$            | 16 $\frac{3}{4}$ " | 14" | 1 $\frac{1}{2}$ -2 | $\frac{3}{8}$ " | $\frac{3}{4}$ " | 44                      |
| CAPF3030A6 | 14"                | 21" | 22" | 13"                | 21" | 3 $\frac{3}{4}$            | 16 $\frac{3}{4}$ " | 16" | 2 $\frac{1}{2}$    | $\frac{3}{8}$ " | $\frac{3}{4}$ " | 39                      |
| CAPF3030B6 | 17 $\frac{1}{2}$ " | 21" | 22" | 16 $\frac{1}{2}$ " | 21" | 3 $\frac{3}{4}$            | 16 $\frac{3}{4}$ " | 16" | 2 $\frac{1}{2}$    | $\frac{3}{8}$ " | $\frac{3}{4}$ " | 43                      |
| CAPF3030C6 | 21"                | 21" | 22" | 20"                | 21" | 3 $\frac{3}{4}$            | 16 $\frac{3}{4}$ " | 16" | 2 $\frac{1}{2}$    | $\frac{3}{8}$ " | $\frac{3}{4}$ " | 47                      |
| CAPF3030D6 | 24 $\frac{1}{2}$ " | 21" | 22" | 23 $\frac{1}{2}$ " | 21" | 3 $\frac{3}{4}$            | 16 $\frac{3}{4}$ " | 16" | 2 $\frac{1}{2}$    | $\frac{3}{8}$ " | $\frac{3}{4}$ " | 52                      |
| CAPF3131B6 | 17 $\frac{1}{2}$ " | 21" | 22" | 16 $\frac{1}{2}$ " | 21" | 4 $\frac{1}{5}$            | 16 $\frac{3}{4}$ " | 18" | 2 $\frac{1}{2}$    | $\frac{3}{8}$ " | $\frac{3}{4}$ " | 45                      |
| CAPF3131C6 | 21"                | 21" | 26" | 20"                | 25" | 4 $\frac{2}{3}$            | 16 $\frac{3}{4}$ " | 20" | 2 $\frac{1}{2}$    | $\frac{3}{8}$ " | $\frac{3}{4}$ " | 50                      |
| CAPF3636A6 | 14"                | 21" | 26" | 13"                | 25" | 5 $\frac{1}{8}$            | 16 $\frac{3}{4}$ " | 22" | 3                  | $\frac{3}{8}$ " | $\frac{7}{8}$ " | 46                      |
| CAPF3636B6 | 17 $\frac{1}{2}$ " | 21" | 26" | 16 $\frac{1}{2}$ " | 25" | 5 $\frac{1}{8}$            | 16 $\frac{3}{4}$ " | 22" | 3                  | $\frac{3}{8}$ " | $\frac{7}{8}$ " | 50                      |
| CAPF3636C6 | 21"                | 21" | 26" | 20"                | 25" | 5 $\frac{1}{8}$            | 16 $\frac{3}{4}$ " | 22" | 3                  | $\frac{3}{8}$ " | $\frac{7}{8}$ " | 57                      |
| CAPF3636D6 | 24 $\frac{1}{2}$ " | 21" | 26" | 23 $\frac{1}{2}$ " | 25" | 5 $\frac{1}{8}$            | 16 $\frac{3}{4}$ " | 22" | 3                  | $\frac{3}{8}$ " | $\frac{7}{8}$ " | 65                      |
| CAPF3642C6 | 21"                | 21" | 30" | 20"                | 29" | 6                          | 16 $\frac{3}{4}$ " | 26" | 3-3 $\frac{1}{2}$  | $\frac{3}{8}$ " | $\frac{7}{8}$ " | 64                      |
| CAPF3642D6 | 24 $\frac{1}{2}$ " | 21" | 30" | 23 $\frac{1}{2}$ " | 29" | 6                          | 16 $\frac{3}{4}$ " | 26" | 3-3 $\frac{1}{2}$  | $\frac{3}{8}$ " | $\frac{7}{8}$ " | 71                      |
| CAPF3743C6 | 21"                | 21" | 30" | 20"                | 29" | 6                          | 16 $\frac{3}{4}$ " | 26" | 3-3 $\frac{1}{2}$  | $\frac{3}{8}$ " | $\frac{7}{8}$ " | 71                      |
| CAPF3743D6 | 24 $\frac{1}{2}$ " | 21" | 30" | 23 $\frac{1}{2}$ " | 29" | 6                          | 16 $\frac{3}{4}$ " | 26" | 3-3 $\frac{1}{2}$  | $\frac{3}{8}$ " | $\frac{7}{8}$ " | 78                      |
| CAPF4860C6 | 21"                | 21" | 30" | 20"                | 29" | 6                          | 16 $\frac{3}{4}$ " | 26" | 4-5                | $\frac{3}{8}$ " | $\frac{7}{8}$ " | 73                      |
| CAPF4860D6 | 24 $\frac{1}{2}$ " | 21" | 30" | 23 $\frac{1}{2}$ " | 29" | 6                          | 16 $\frac{3}{4}$ " | 26" | 4-5                | $\frac{3}{8}$ " | $\frac{7}{8}$ " | 80                      |
| CAPF4961C6 | 21"                | 21" | 30" | 20"                | 29" | 6                          | 16 $\frac{3}{4}$ " | 26" | 4-5                | $\frac{3}{8}$ " | $\frac{7}{8}$ " | 80                      |
| CAPF4961D6 | 24 $\frac{1}{2}$ " | 21" | 30" | 23 $\frac{1}{2}$ " | 29" | 6                          | 16 $\frac{3}{4}$ " | 26" | 4-5                | $\frac{3}{8}$ " | $\frac{7}{8}$ " | 87                      |

\* (ft<sup>2</sup>)

## DIMENSIONS



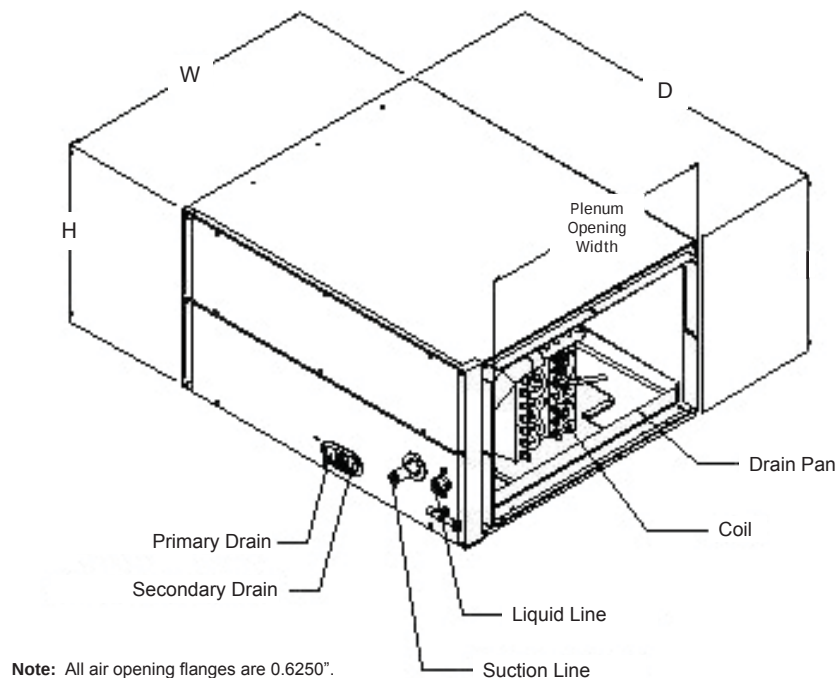
# CHPF — CASED HORIZONTAL “A” INDOOR COIL

## SPECIFICATIONS

| Model      | Cabinet Dimensions |     |                    | Plenum Opening |                    | Nominal Tons       | Evap Coil Face Area* | Coil Dimensions    |     | Connection      |                 | Ship Weight (lbs) |
|------------|--------------------|-----|--------------------|----------------|--------------------|--------------------|----------------------|--------------------|-----|-----------------|-----------------|-------------------|
|            | W                  | D   | H                  | W              | H                  |                    |                      | W                  | H   | Liquid          | Suction         |                   |
| CHPF1824A6 | 21 $\frac{1}{8}$ " | 26" | 14"                | 19"            | 13"                | 1 $\frac{1}{2}$ -2 | 3 $\frac{1}{3}$      | 20 $\frac{1}{8}$ " | 12" | $\frac{3}{8}$ " | $\frac{3}{4}$ " | 36                |
| CHPF2430B6 | 21 $\frac{1}{8}$ " | 26" | 17 $\frac{1}{2}$ " | 19"            | 16 $\frac{1}{2}$ " | 2-2 $\frac{1}{2}$  | 4 $\frac{1}{2}$      | 20 $\frac{1}{8}$ " | 16" | $\frac{3}{8}$ " | $\frac{3}{4}$ " | 55                |
| CHPF3636B6 | 21 $\frac{1}{8}$ " | 26" | 17 $\frac{1}{2}$ " | 19"            | 16 $\frac{1}{2}$ " | 3                  | 4 $\frac{1}{3}$      | 19 $\frac{1}{2}$ " | 16" | $\frac{3}{8}$ " | $\frac{7}{8}$ " | 50                |
| CHPF3642C6 | 21 $\frac{1}{8}$ " | 26" | 21"                | 19"            | 20"                | 3-3 $\frac{1}{2}$  | 4 $\frac{1}{3}$      | 19 $\frac{1}{2}$ " | 16" | $\frac{3}{8}$ " | $\frac{7}{8}$ " | 63                |
| CHPF3642D6 | 21 $\frac{1}{8}$ " | 26" | 24 $\frac{1}{2}$ " | 19"            | 23 $\frac{1}{2}$ " | 3-3 $\frac{1}{2}$  | 6                    | 19 $\frac{1}{2}$ " | 22" | $\frac{3}{8}$ " | $\frac{7}{8}$ " | 66                |
| CHPF3743C6 | 21 $\frac{1}{8}$ " | 26" | 21"                | 19"            | 20"                | 3-3 $\frac{1}{2}$  | 4 $\frac{1}{3}$      | 19 $\frac{1}{2}$ " | 16" | $\frac{3}{8}$ " | $\frac{7}{8}$ " | 63                |
| CHPF3743D6 | 21 $\frac{1}{8}$ " | 26" | 24 $\frac{1}{2}$ " | 19"            | 23 $\frac{1}{2}$ " | 3-3 $\frac{1}{2}$  | 6                    | 19 $\frac{1}{2}$ " | 22" | $\frac{3}{8}$ " | $\frac{7}{8}$ " | 63                |
| CHPF4860D6 | 21 $\frac{1}{8}$ " | 26" | 24 $\frac{1}{2}$ " | 19"            | 23 $\frac{1}{2}$ " | 4-5                | 6                    | 19 $\frac{1}{2}$ " | 22" | $\frac{3}{8}$ " | $\frac{7}{8}$ " | 77                |

\* (ft<sup>2</sup>)

## DIMENSIONS



## PRODUCT SPECIFICATIONS

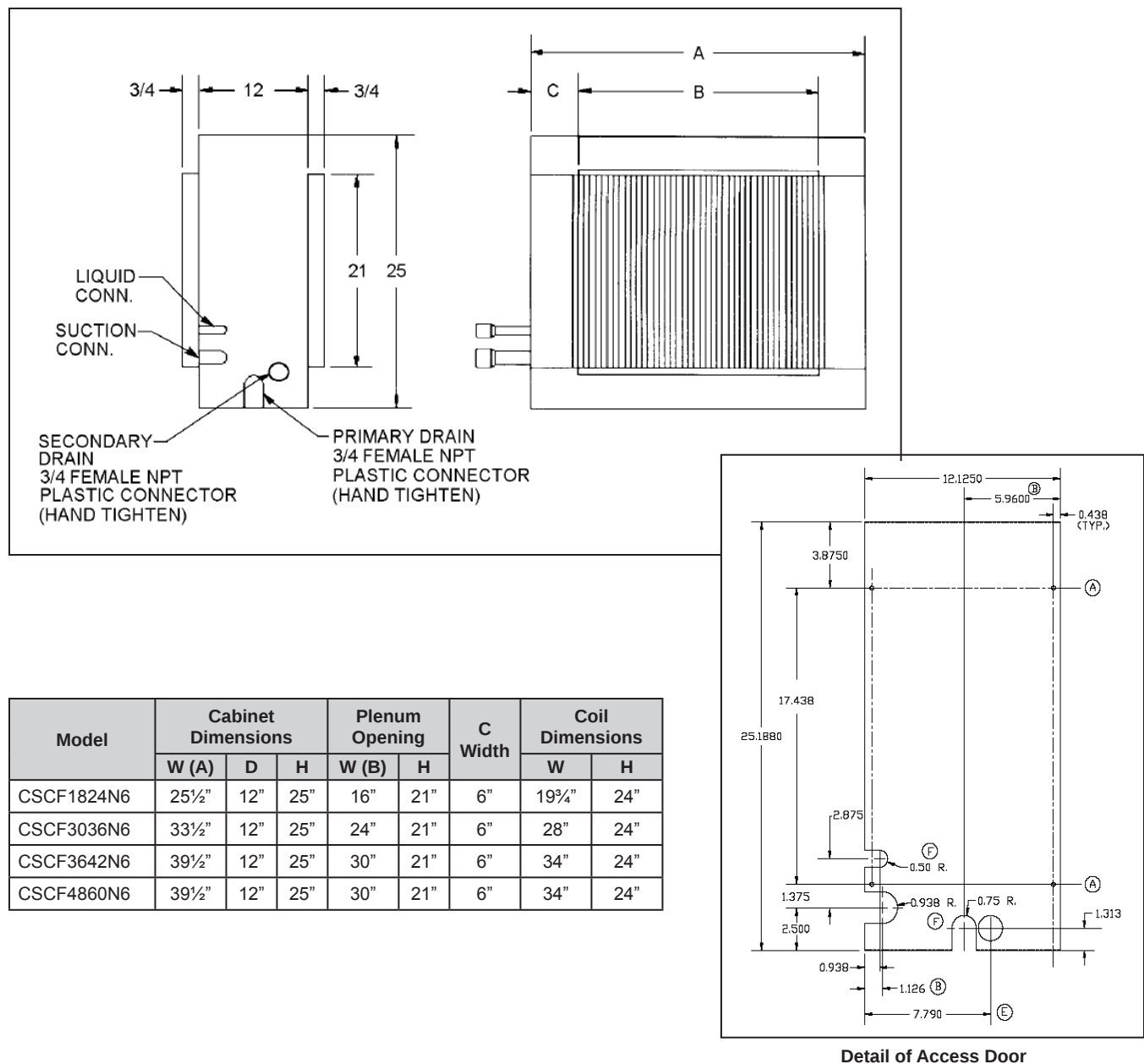
# CSCF — HORIZONTAL SLAB EVAPORATOR COILS

## SPECIFICATIONS

| Model      | Nominal Tons | Evap Coil Face Area* | Connection |         | Ship Weight (lbs) |
|------------|--------------|----------------------|------------|---------|-------------------|
|            |              |                      | Liquid     | Suction |                   |
| CSCF1824N6 | 1½-2         | 3⅓                   | ⅜"         | ¾"      | 42                |
| CSCF3036N6 | 2½-3         | 4⅔                   | ⅜"         | ⅞"      | 53                |
| CSCF3642N6 | 3-3½         | 5⅓                   | ⅜"         | ⅞"      | 58                |
| CSCF4860N6 | 4-5          | 5⅔                   | ⅜"         | ⅞"      | 65                |

\* (ft<sup>2</sup>)

## DIMENSIONS



# AIRFLOW DATA FOR CA\*F

AIR QUANTITY (SCFM) VS. PRESSURE DROP (IN. WC)

|                  |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| CA*F<br>1824A6*  | SCFM | 400   | 500   | 600   | 700   | 800   | 900   | 1000  | 1100  | 1200  |       |       |       |       |       |       |
|                  | Wet  | 0.071 | 0.099 | 0.142 | 0.183 | 0.230 | 0.280 | 0.331 | 0.389 | ---   |       |       |       |       |       |       |
|                  | Dry  | 0.062 | 0.090 | 0.122 | 0.154 | 0.189 | 0.231 | 0.278 | 0.331 | 0.390 |       |       |       |       |       |       |
| CA*F<br>1824B6*  | SCFM | 400   | 500   | 600   | 700   | 800   | 900   | 1000  | 1100  | 1200  |       |       |       |       |       |       |
|                  | Wet  | 0.021 | 0.032 | 0.049 | 0.071 | 0.089 | 0.120 | 0.128 | 0.159 | 0.190 |       |       |       |       |       |       |
|                  | Dry  | 0.011 | 0.022 | 0.029 | 0.041 | 0.052 | 0.069 | 0.078 | 0.101 | 0.120 |       |       |       |       |       |       |
| CA*F<br>1824C6*  | SCFM | 400   | 500   | 600   | 700   | 800   | 900   | 1000  | 1100  | 1200  |       |       |       |       |       |       |
|                  | Wet  | 0.017 | 0.025 | 0.043 | 0.061 | 0.079 | 0.107 | 0.114 | 0.140 | 0.164 |       |       |       |       |       |       |
|                  | Dry  | 0.011 | 0.017 | 0.024 | 0.035 | 0.044 | 0.063 | 0.075 | 0.094 | 0.113 |       |       |       |       |       |       |
| CA*F<br>3030A6*  | SCFM | 600   | 700   | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  |       |       |       |       |       |
|                  | Wet  | 0.151 | 0.173 | 0.204 | 0.238 | 0.267 | 0.281 | 0.326 | 0.380 | 0.406 | 0.451 |       |       |       |       |       |
|                  | Dry  | 0.069 | 0.083 | 0.117 | 0.132 | 0.148 | 0.183 | 0.206 | 0.239 | 0.290 | 0.338 |       |       |       |       |       |
| CA*F<br>3030B6*  | SCFM | 600   | 700   | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  |       |       |       |       |       |
|                  | Wet  | 0.090 | 0.120 | 0.150 | 0.180 | 0.210 | 0.240 | 0.280 | 0.330 | 0.370 | 0.420 |       |       |       |       |       |
|                  | Dry  | 0.080 | 0.100 | 0.130 | 0.150 | 0.180 | 0.210 | 0.250 | 0.280 | 0.320 | 0.360 |       |       |       |       |       |
| CA*F<br>3030C6*  | SCFM | 600   | 700   | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  |       |       |       |       |       |
|                  | Wet  | 0.071 | 0.087 | 0.120 | 0.134 | 0.155 | 0.180 | 0.209 | 0.249 | 0.284 | 0.328 |       |       |       |       |       |
|                  | Dry  | 0.050 | 0.067 | 0.098 | 0.113 | 0.135 | 0.169 | 0.189 | 0.213 | 0.245 | 0.275 |       |       |       |       |       |
| CA*F<br>3030D6*  | SCFM | 600   | 700   | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  |       |       |       |       |       |
|                  | Wet  | 0.069 | 0.060 | 0.090 | 0.108 | 0.136 | 0.168 | 0.206 | 0.244 | 0.288 | 0.337 |       |       |       |       |       |
|                  | Dry  | 0.029 | 0.043 | 0.070 | 0.082 | 0.098 | 0.125 | 0.141 | 0.153 | 0.177 | 0.200 |       |       |       |       |       |
| CA*F<br>3131B26* | SCFM | 600   | 700   | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |       |       |       |       |
|                  | Wet  | 0.041 | 0.049 | 0.061 | 0.078 | 0.090 | 0.113 | 0.131 | 0.140 | 0.162 | 0.178 | 0.210 |       |       |       |       |
|                  | Dry  | 0.021 | 0.031 | 0.039 | 0.048 | 0.061 | 0.072 | 0.079 | 0.091 | 0.110 | 0.122 | 0.141 |       |       |       |       |
| CA*F<br>3131C6*  | SCFM | 600   | 700   | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1700  | 1800  |       |       |       |       |
|                  | Wet  | 0.035 | 0.034 | 0.038 | 0.051 | 0.059 | 0.073 | 0.087 | 0.094 | 0.110 | 0.125 | 0.145 |       |       |       |       |
|                  | Dry  | 0.014 | 0.022 | 0.028 | 0.036 | 0.045 | 0.054 | 0.061 | 0.068 | 0.081 | 0.091 | 0.108 |       |       |       |       |
| CA*F<br>3636B6*  | SCFM | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  | 1900  |       |       |       |
|                  | Wet  | 0.179 | 0.210 | 0.232 | 0.273 | 0.295 | 0.348 | 0.374 | 0.418 | 0.458 | 0.478 | 0.501 | 0.543 |       |       |       |
|                  | Dry  | 0.143 | 0.153 | 0.176 | 0.204 | 0.236 | 0.257 | 0.289 | 0.323 | 0.371 | 0.421 | 0.451 | 0.502 |       |       |       |
| CA*F<br>3636C6*  | SCFM | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  | 1900  |       |       |       |
|                  | Wet  | 0.110 | 0.130 | 0.150 | 0.180 | 0.200 | 0.230 | 0.250 | 0.280 | 0.310 | 0.340 | 0.380 | 0.430 |       |       |       |
|                  | Dry  | 0.090 | 0.100 | 0.120 | 0.140 | 0.160 | 0.180 | 0.200 | 0.220 | 0.250 | 0.280 | 0.310 | 0.350 |       |       |       |
| CA*F<br>3636D6*  | SCFM | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  | 1900  | 2000  | 2100  | 2200  |
|                  | Wet  | 0.093 | 0.110 | 0.113 | 0.145 | 0.168 | 0.183 | 0.193 | 0.225 | 0.244 | 0.276 | 0.304 | 0.342 | 0.360 | 0.385 | 0.400 |
|                  | Dry  | 0.050 | 0.065 | 0.087 | 0.094 | 0.102 | 0.126 | 0.136 | 0.147 | 0.177 | 0.196 | 0.215 | 0.242 | 0.275 | 0.305 | 0.315 |
| CA*F<br>3642C6*  | SCFM | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  | 1900  | 2000  | 2100  | 2200  |
|                  | Wet  | 0.078 | 0.089 | 0.110 | 0.129 | 0.140 | 0.159 | 0.178 | 0.210 | 0.241 | 0.259 | 0.289 | 0.321 | 0.349 | 0.380 | 0.420 |
|                  | Dry  | 0.070 | 0.080 | 0.100 | 0.110 | 0.130 | 0.150 | 0.160 | 0.190 | 0.210 | 0.230 | 0.260 | 0.290 | 0.310 | 0.340 | 0.370 |
| CA*F<br>3642D6*  | SCFM | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  | 1900  | 2000  | 2100  | 2200  |
|                  | Wet  | 0.071 | 0.077 | 0.086 | 0.104 | 0.117 | 0.126 | 0.135 | 0.166 | 0.185 | 0.206 | 0.226 | 0.248 | 0.270 | 0.276 | 0.303 |
|                  | Dry  | 0.043 | 0.053 | 0.071 | 0.073 | 0.083 | 0.104 | 0.107 | 0.123 | 0.144 | 0.157 | 0.173 | 0.193 | 0.210 | 0.231 | 0.251 |
| CA*F<br>3743C6*  | SCFM | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  | 1900  | 2000  | 2100  | 2200  |
|                  | Wet  | 0.083 | 0.093 | 0.113 | 0.133 | 0.143 | 0.163 | 0.183 | 0.213 | 0.243 | 0.263 | 0.293 | 0.323 | 0.353 | 0.383 | 0.423 |
|                  | Dry  | 0.073 | 0.083 | 0.103 | 0.113 | 0.133 | 0.153 | 0.163 | 0.193 | 0.213 | 0.233 | 0.263 | 0.293 | 0.313 | 0.343 | 0.373 |
| CA*F<br>3743D6*  | SCFM | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  | 1900  | 2000  | 2100  | 2200  |
|                  | Wet  | 0.074 | 0.080 | 0.089 | 0.107 | 0.120 | 0.129 | 0.138 | 0.169 | 0.188 | 0.209 | 0.229 | 0.251 | 0.273 | 0.279 | 0.306 |
|                  | Dry  | 0.046 | 0.056 | 0.074 | 0.076 | 0.086 | 0.107 | 0.110 | 0.126 | 0.147 | 0.160 | 0.176 | 0.196 | 0.210 | 0.230 | 0.253 |
| CA*F<br>4860C6*  | SCFM | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  | 1900  | 2000  | 2100  | 2200  |       |       |
|                  | Wet  | 0.167 | 0.175 | 0.191 | 0.244 | 0.266 | 0.299 | 0.355 | 0.370 | 0.413 | 0.454 | 0.498 | 0.586 | 0.601 |       |       |
|                  | Dry  | 0.160 | 0.157 | 0.194 | 0.206 | 0.246 | 0.264 | 0.220 | 0.265 | 0.290 | 0.309 | 0.364 | 0.389 | 0.562 |       |       |
| CA*F<br>4860D6*  | SCFM | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  | 1900  | 2000  | 2100  | 2200  |       |       |
|                  | Wet  | 0.138 | 0.156 | 0.177 | 0.196 | 0.226 | 0.247 | 0.275 | 0.298 | 0.327 | 0.349 | 0.395 | 0.460 | 0.485 |       |       |
|                  | Dry  | 0.126 | 0.138 | 0.157 | 0.176 | 0.187 | 0.200 | 0.180 | 0.210 | 0.230 | 0.250 | 0.280 | 0.300 | 0.417 |       |       |
| CA*F<br>4961C6*  | SCFM | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  | 1900  | 2000  | 2100  | 2200  |       |       |
|                  | Wet  | 0.209 | 0.217 | 0.233 | 0.286 | 0.308 | 0.341 | 0.397 | 0.412 | 0.455 | 0.496 | 0.540 | 0.628 | 0.643 |       |       |
|                  | Dry  | 0.202 | 0.199 | 0.236 | 0.248 | 0.288 | 0.306 | 0.262 | 0.307 | 0.332 | 0.351 | 0.406 | 0.431 | 0.604 |       |       |
| CA*F<br>4961D6*  | SCFM | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  | 1900  | 2000  | 2100  | 2200  |       |       |
|                  | Wet  | 0.140 | 0.158 | 0.179 | 0.198 | 0.228 | 0.249 | 0.277 | 0.300 | 0.329 | 0.351 | 0.397 | 0.462 | 0.487 |       |       |
|                  | Dry  | 0.128 | 0.140 | 0.159 | 0.178 | 0.189 | 0.202 | 0.182 | 0.212 | 0.232 | 0.252 | 0.282 | 0.302 | 0.419 |       |       |

## AIRFLOW DATA FOR CHPF

AIR QUANTITY (SCFM) vs. PRESSURE DROP (IN. WC)

|                 |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| CHPF<br>1824A6* | SCFM | 600   | 700   | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  |       |       |       |       |       |       |
|                 | Wet  | 0.132 | 0.179 | 0.222 | 0.272 | 0.327 | 0.381 | 0.456 | 0.522 | 0.605 |       |       |       |       |       |       |
|                 | Dry  | 0.126 | 0.165 | 0.206 | 0.249 | 0.302 | 0.354 | 0.414 | 0.478 | 0.563 |       |       |       |       |       |       |
| CHPF<br>2430B6* | SCFM | 600   | 700   | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |       |       |       |       |
|                 | Wet  | 0.106 | 0.124 | 0.152 | 0.184 | 0.218 | 0.258 | 0.301 | 0.350 | 0.406 | 0.460 | 0.514 |       |       |       |       |
|                 | Dry  | 0.101 | 0.122 | 0.145 | 0.174 | 0.209 | 0.247 | 0.288 | 0.333 | 0.381 | 0.428 | 0.484 |       |       |       |       |
| CHPF<br>3636B6* | SCFM | 600   | 700   | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |       |       |       |       |
|                 | Wet  | 0.107 | 0.131 | 0.167 | 0.199 | 0.239 | 0.291 | 0.338 | 0.389 | 0.439 | 0.494 | 0.552 |       |       |       |       |
|                 | Dry  | 0.102 | 0.126 | 0.152 | 0.184 | 0.220 | 0.259 | 0.303 | 0.349 | 0.401 | 0.458 | 0.516 |       |       |       |       |
| CHPF<br>3642C6* | SCFM | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  |       |       |       |       |
|                 | Wet  | 0.083 | 0.103 | 0.126 | 0.151 | 0.178 | 0.208 | 0.240 | 0.274 | 0.310 | 0.346 | 0.383 |       |       |       |       |
|                 | Dry  | 0.073 | 0.096 | 0.120 | 0.144 | 0.169 | 0.196 | 0.224 | 0.254 | 0.286 | 0.319 | 0.354 |       |       |       |       |
| CHPF<br>3743C6* | SCFM | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  |       |       |       |       |
|                 | Wet  | 0.133 | 0.153 | 0.176 | 0.201 | 0.228 | 0.258 | 0.290 | 0.324 | 0.360 | 0.396 | 0.433 |       |       |       |       |
|                 | Dry  | 0.123 | 0.146 | 0.170 | 0.194 | 0.219 | 0.246 | 0.274 | 0.304 | 0.336 | 0.369 | 0.404 |       |       |       |       |
| CHPF<br>3642D6* | SCFM | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  | 1900  | 2000  | 2100  | 2200  |
|                 | Wet  | 0.087 | 0.091 | 0.101 | 0.111 | 0.131 | 0.151 | 0.171 | 0.201 | 0.221 | 0.251 | 0.281 | 0.301 | 0.341 | 0.361 | 0.391 |
|                 | Dry  | 0.058 | 0.081 | 0.101 | 0.111 | 0.131 | 0.151 | 0.171 | 0.191 | 0.211 | 0.241 | 0.261 | 0.291 | 0.321 | 0.351 | 0.381 |
| CHPF<br>3743D6* | SCFM | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  | 1900  | 2000  | 2100  | 2200  |
|                 | Wet  | 0.101 | 0.105 | 0.115 | 0.125 | 0.145 | 0.165 | 0.185 | 0.215 | 0.235 | 0.265 | 0.295 | 0.315 | 0.355 | 0.375 | 0.405 |
|                 | Dry  | 0.072 | 0.095 | 0.105 | 0.115 | 0.135 | 0.155 | 0.185 | 0.205 | 0.225 | 0.255 | 0.275 | 0.305 | 0.335 | 0.365 | 0.395 |
| CHPF<br>4860D6* | SCFM | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  | 1900  | 2000  | 2100  | 2200  |       |
|                 | Wet  | 0.101 | 0.121 | 0.131 | 0.161 | 0.181 | 0.201 | 0.231 | 0.261 | 0.291 | 0.321 | 0.361 | 0.391 | 0.431 | 0.471 |       |
|                 | Dry  | 0.101 | 0.121 | 0.141 | 0.161 | 0.181 | 0.201 | 0.221 | 0.251 | 0.281 | 0.311 | 0.341 | 0.371 | 0.411 | 0.441 |       |

## AIRFLOW DATA FOR CSCF

AIR QUANTITY (SCFM) vs. PRESSURE DROP (IN. WC)

|                 |      |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |  |
|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|--|
| CSCF<br>1824N6* | SCFM | 500   | 600   | 700   | 800   | 900   | 1000  | 1100  | 1200  |       |       |       |      |      |      |      |  |
|                 | Wet  | 0.011 | 0.027 | 0.049 | 0.067 | 0.095 | 0.121 | 0.141 | 0.153 |       |       |       |      |      |      |      |  |
|                 | Dry  | 0.007 | 0.016 | 0.029 | 0.041 | 0.056 | 0.071 | 0.089 | 0.108 |       |       |       |      |      |      |      |  |
| CSCF<br>3036N6* | SCFM | 700   | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  |       |       |       |      |      |      |      |  |
|                 | Wet  | 0.019 | 0.023 | 0.030 | 0.039 | 0.049 | 0.052 | 0.070 | 0.081 |       |       |       |      |      |      |      |  |
|                 | Dry  | 0.060 | 0.013 | 0.020 | 0.028 | 0.036 | 0.045 | 0.053 | 0.063 |       |       |       |      |      |      |      |  |
| CSCF<br>3642N6* | SCFM | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  | 1900 | 2000 | 2100 | 2200 |  |
|                 | Wet  | 0.011 | 0.016 | 0.021 | 0.034 | 0.044 | 0.062 | 0.073 | 0.096 | 0.106 | 0.113 | 0.123 | 0.14 | 0.15 | 0.21 | 0.26 |  |
|                 | Dry  | 0.005 | 0.010 | 0.016 | 0.022 | 0.029 | 0.035 | 0.043 | 0.051 | 0.062 | 0.071 | 0.080 | 0.1  | 0.12 | 0.18 | 0.24 |  |
| CSCF<br>4860N6* | SCFM | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  | 1900 | 2000 | 2100 | 2200 |  |
|                 | Wet  | 0.021 | 0.033 | 0.045 | 0.055 | 0.067 | 0.090 | 0.103 | 0.125 | 0.135 | 0.156 | 0.188 | 0.23 | 0.25 | 0.28 | 0.31 |  |
|                 | Dry  | 0.014 | 0.021 | 0.030 | 0.037 | 0.047 | 0.055 | 0.065 | 0.088 | 0.095 | 0.103 | 0.121 | 0.18 | 0.2  | 0.23 | 0.25 |  |