

**Job:** \_\_\_\_\_  
**Location:** \_\_\_\_\_  
**Schedule No.:** \_\_\_\_\_  
**System Designation:** \_\_\_\_\_

**Engineer:** \_\_\_\_\_  
**Architect:** \_\_\_\_\_  
**Date:** \_\_\_\_\_  
**For:** \_\_\_\_\_

**FEATURES**

- Designed for installation in a furred down area
- Fits industry standard footprints
- Optional field or factory installed heat 3-10kW
- Optional factory installed TXV w/threaded connections

**Product Warranty**

- 10-year limited warranty available
- Product registration required

**Optional Accessories**

- Decorative panel
- Heat pump relay
- Float switch



|  | Unit Size                 |            |                |                |             |
|--|---------------------------|------------|----------------|----------------|-------------|
|  | CP18                      | CP23       | CP24           | CP29           | CP30        |
| <b>Available Voltages</b>                    | 208/240 V, 60 Hz, 1 Phase |            |                |                |             |
| <b>Maximum Elec. Heat available (kW)</b>     | 3, 5, 6, 8                | 3, 5, 6, 8 | 3, 5, 6, 8, 10 | 3, 5, 6, 8, 10 | 5, 6, 8, 10 |
| <b>Transformer Size and Type</b>             | 40VA, Class 2             |            |                |                |             |
| <b>Blower Data:</b>                          | 1/8                       | 1/3        | 1/3            | 1/3            | 1/3         |
| 2-Speed PSC Motor                            | F.L.A. @ 240 V            | 1.25       | 1.9            | 1.9            | 1.9         |
| <b>Nominal CFM</b>                           | 600                       | 800        | 800            | 1000           | 1000        |
| <b>Refrigerant Conn. (IDS) Suction</b>       | 3/4"                      |            |                |                |             |
| <b>Refrigerant Conn. (IDS) Liquid</b>        | 3/8"                      |            |                |                |             |
| <b>R-410A Piston Size (in)</b>               | 0.049                     | 0.053      | 0.053          | 0.059          | 0.059       |
| <b>Pallet Quantity (min order per model)</b> | 8                         |            |                |                |             |
| <b>Max Unit Weight (lbs)</b>                 | 60                        | 63         | 65             | 68             | 70          |
| <b>Max Shipping Weight (lbs)</b>             | 63                        | 66         | 68             | 71             | 73          |

**NOTES:**

Cooling capacities subject to outdoor unit matchup. See <http://www.adpnow.com/extratratings/> for individual capacities by OEM

*Cooling and Heating capacity data is rated at the following conditions:*

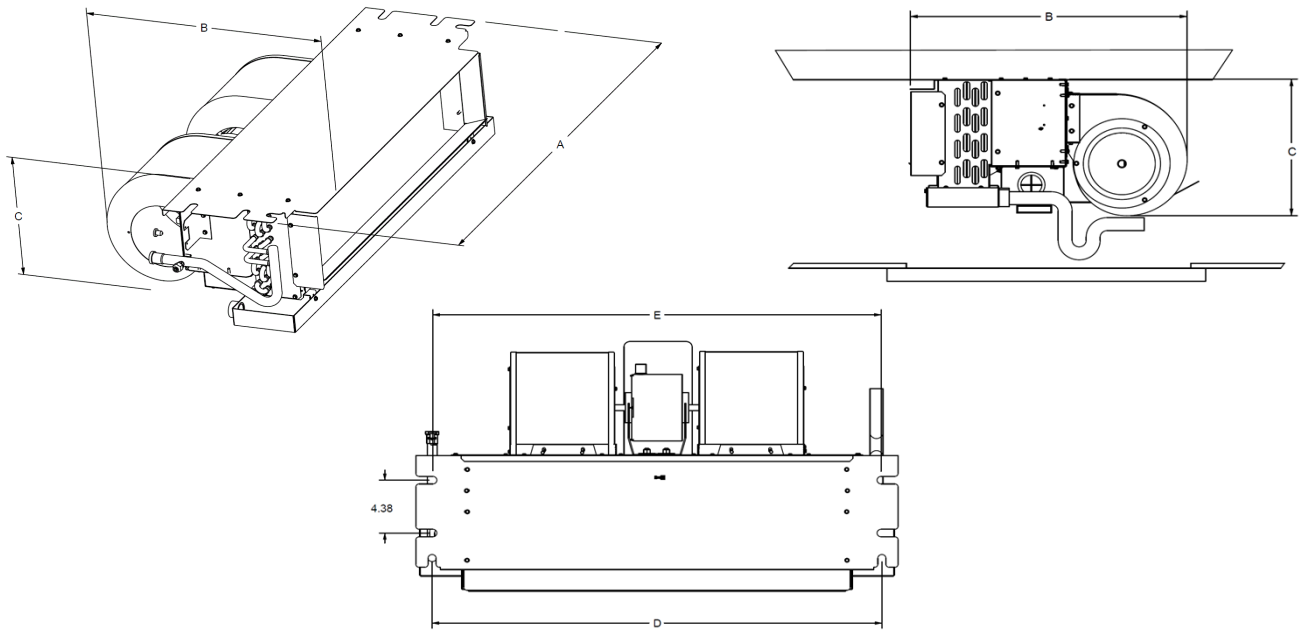
*Cooling: 80 FDB / 67 FWB Indoor, 95 FDB Outdoor*

*Heating: 70 FDB / 47 FWB Indoor, 43 FDB Outdoor*



Product improvement is a continuous process at Advanced Distributor Products. Therefore, product specifications are subject to change without notice and without obligation on our part. Please contact your ADP representative or distributor to verify details.

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| Overall Dimensions |        |        |        |        |        |
|--------------------|--------|--------|--------|--------|--------|
| Air Handler Size   | A (in) | B (in) | C (in) | D (in) | E (in) |
| <b>18, 23</b>      | 37     | 19.5   | 10.5   | 34.5   | 34.7   |
| <b>24, 29</b>      | 43     | 20.5   | 10.5   | 40.5   | 40.7   |
| <b>30</b>          | 49     | 20.5   | 10.5   | 46.5   | 46.7   |

| Airflow       |                       | Airflow (CFM) vs. External Static Pressure (inches W.C.) *** |           |     |     |     |
|---------------|-----------------------|--|-----------|-----|-----|-----|
| Unit Size     | Cooling Speed Setting | 0.1  | 0.2       | 0.3 | 0.4 | 0.5 |
|               |                       | <b>18</b>  | Low - Red | 610 | 536 | 468 |
|               | * ^ High -Black       | 680  | 607       | 532 | 456 | 368 |
| <b>23</b>     | Low - Red             | 846  | 777       | 702 | 627 | 546 |
|               | * ^ High -Black       | 902  | 830       | 755 | 667 | 589 |
| <b>24, 29</b> | Low - Red             | 833  | 781       | 725 | 658 | 580 |
|               | * ^ High -Black       | 1039   | 976       | 903 | 825 | 728 |
| <b>30</b>     | Low - Red             | 839  | 771       | 706 | 644 | 553 |
|               | * ^ High -Black       | 1050   | 975       | 901 | 820 | 744 |

\* Factory setting for cooling.

^ Factory setting for heating.

\*\*\* All airflow data is with a dry coil & electric heat.

| Electrical                            |                      |                      |             |       |                          |       |      |
|---------------------------------------|----------------------|----------------------|-------------|-------|--------------------------|-------|------|
| Unit Size<br>(All have electric heat) | Heating Capacity     |                      | Blower Amps |       | Minimum Circuit Ampacity |       | MOCP |
|                                       | kW                   | BTUH                 | 208 V       | 240 V | 208 V                    | 240 V |      |
|                                       | 240 V <sup>[1]</sup> | 240 V <sup>[1]</sup> |             |       |                          |       |      |
| <b>18</b>                             | 3.0                  | 10236                | 1.25        | 1.25  | 15.1                     | 17.2  | 30   |
|                                       | 5.0                  | 17060                | 1.25        | 1.25  | 23.2                     | 26.6  | 30   |
|                                       | 6.0                  | 20472                | 1.25        | 1.25  | 28.6                     | 32.8  | 45   |
|                                       | 8.0                  | 27296                | 1.25        | 1.25  | 37.6                     | 43.2  | 45   |
| <b>23, 24, 29</b>                     | 3.0                  | 10236                | 1.9         | 1.9   | 15.9                     | 18.0  | 30   |
|                                       | 5.0                  | 17060                | 1.9         | 1.9   | 24.0                     | 27.4  | 30   |
|                                       | 6.0                  | 20472                | 1.9         | 1.9   | 29.4                     | 33.6  | 45   |
|                                       | 8.0                  | 27296                | 1.9         | 1.9   | 38.4                     | 44.0  | 45   |
|                                       | 10 <sup>[2]</sup>    | 34120                | 1.9         | 1.9   | 41.4                     | 54.4  | 60   |
| <b>30</b>                             | 5.0                  | 17060                | 1.9         | 1.9   | 24.0                     | 27.4  | 30   |
|                                       | 6.0                  | 20472                | 1.9         | 1.9   | 29.4                     | 33.6  | 45   |
|                                       | 8.0                  | 27296                | 1.9         | 1.9   | 38.4                     | 44.0  | 45   |
|                                       | 10.0                 | 34120                | 1.9         | 1.9   | 41.4                     | 54.4  | 60   |

[1] For 208 Volts use .751 correction factor for kW & MBTUH.

[2] 10kW not available in -23 model