

AHRI

ECO SUPER SLIM
ONE WAY CASSETTE FAN COIL
TECHNICAL CATALOGUE



HVAC Solutions

YOUR SATISFACTION, OUR OBJECTIVE

Super slim one-way cassette FCU—2-pipe EC version

| PCSL-[Size]-V-ECM | | | | | 01 | 02 |
|--------------------------------------|------------------------------------|------------------------------------|------------|----------------------|--|----------|
| Unit Configuration | | Configuration | | | 2 pipe | |
| | | Number Of Fan Blowers | | | Single | |
| | | Power Supply | | (V/Ph/Hz) | 115 / 1 / 60 ⁽¹⁾ | |
| | | Operation Control | | | S: Complete function onboard PCB W: Flexible function onboard PCB | |
| Performance Data | Air | Air Flow | H | CFM | 265 | 353 |
| | | | M | | 206 | 265 |
| | | | L | | 88 | 147 |
| | Cooling | Total Cooling Capacity | H | BTU/Hr | 8633 | 10851 |
| | | | M | | 7029 | 8633 |
| | | | L | | 3480 | 5357 |
| | | Sensible Cooling Capacity | H | | 6108 | 7746 |
| | | | M | | 4982 | 6108 |
| | | | L | | 2423 | 3753 |
| | | FCEER ⁽²⁾ | Rating | | 250 | 232 |
| | Class | | A | A | | |
| | Heating | Heating Capacity | H | BTU/Hr | 10441 | 13239 |
| | | | M | | 8496 | 10441 |
| | | | L | | 4129 | 6381 |
| | | Max. Electric Heater Capacity | | Kw | | 1.0 |
| | FCCOP ⁽²⁾ | Rating | | 297 | 288 | |
| | | Class | | A | A | |
| | Noise | Sound Pressure Level | | dB(A) | 44/40/35 | 47/44/38 |
| | | Sound Power Level | | | 35/31/26 | 38/35/29 |
| | Electrical | Fan Motor Power | H | W | 13 | 22 |
| | | | M | | 8 | 13 |
| | | | L | | 4 | 5 |
| | | Fan Motor Running Current @ 115V_H | | A | 0.24 | 0.40 |
| | Fan Motor Running Current @ 230V_H | | A | 0.12 | 0.20 | |
| Hydronics | Cooling Water Flow Rate | H | GPM | 1.9 | 2.4 | |
| | | M | | 1.6 | 1.9 | |
| | | L | | 0.8 | 1.2 | |
| | Cooling Pressure Drop | H | Ft. Hd. | 8.3 | 12.2 | |
| | | M | | 5.8 | 8.3 | |
| | | L | | 1.9 | 3.6 | |
| | Hot Water Flow Rate @H/M/L | | GPM | | Same As Cooling Mode | |
| | Hot Water Pressure Drop | H | Ft. Hd. | 6.7 | 10.0 | |
| | | M | | 4.7 | 6.7 | |
| L | | 1.4 | | 2.9 | | |
| Water Content | | Gallons | 0.17 | 0.17 | | |
| Construction and Packing Data | Water | Type | | Internal Thread | | |
| | | In | Inches | 1/2" | | |
| | Out | 3/4 | | | | |
| | Condensate Drainage Connection | | 41 1/2 | | | |
| | Case Dimensions ⁽³⁾ | L | Inches (2) | 16-13/16 | | |
| | | W | | 6 | | |
| | | H | | 49-9/16 x 18-3/8 x 1 | | |
| Front panel | | Lbs | | 29.7 | | |
| Net Weight | | Lbs | | 29.7 | | |

(1) 208 – 230V/1ph/60Hz specifications are available.

(2) FCEER and FCCOP are ratings per Eurovent Energy Efficiency Classes A through E for non-ducted fan coil units.

(3) All dimensions are approximate and within 1/16 of an inch of those indicated

Testing conditions:

a. Cooling mode (2-pipe):

Return air temperature: 80.6°F DB/ 66.2°F WB

Inlet/ outlet water temperature: 44.6°F / 53.6°F

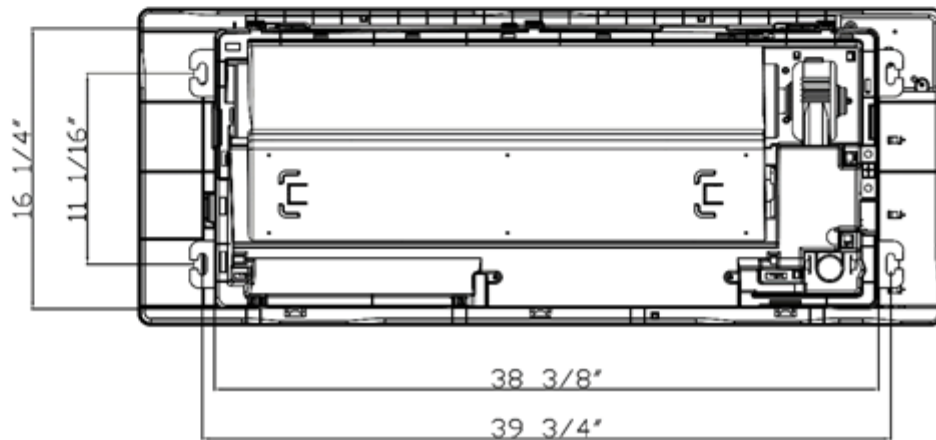
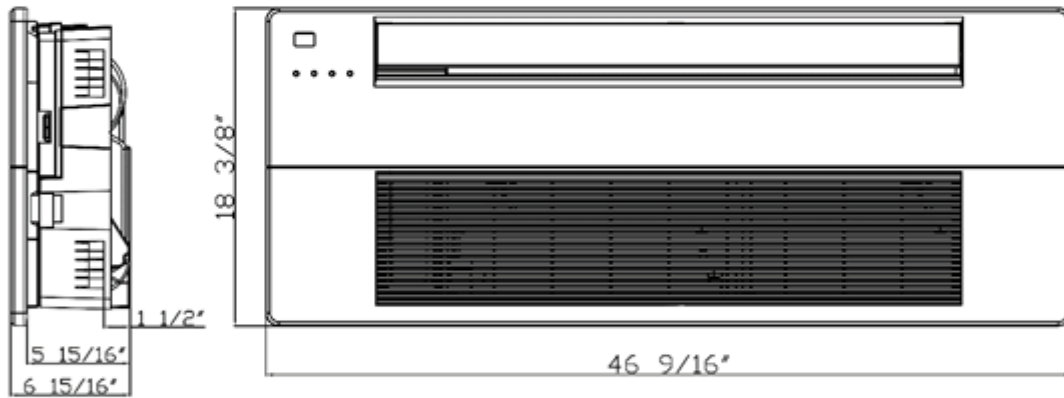
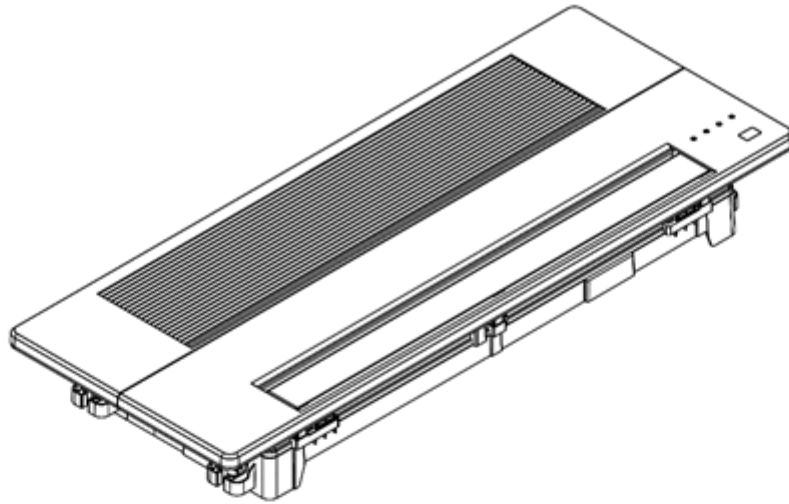
b. Heating mode (2-pipe):

Return air temperature: 68°F

Inlet water temperature: 158°F

Outlet water temperature: 140°F

Dimensions (inches)



**All dimensions are approximate within 1/16 of an inch of those indicated*



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