



# COLD POINT

CHILLED/ HOT WATER

SERIES

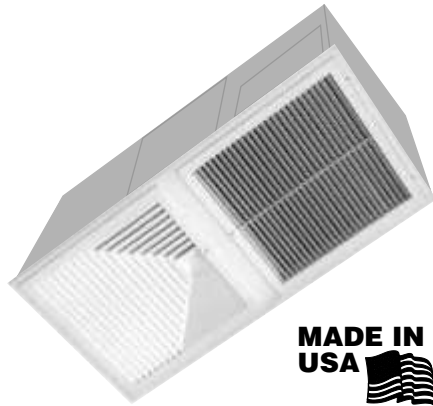
# FT2

**NOMINAL CAPACITY:**

17,000- 25,000 BTU/h

## 2' X 4' In Ceiling 2-Pipe Chilled/ Hot Water Fan Coil Unit for Zone Cooling/ Heating New Construction, Renovation, or Spot Cooling/ Heating

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**MADE IN  
USA** 

### Description:

The *Cold Point 'FT2' Series Chilled Water/Hot Water Fan Coil* units are designed for **drop ceiling 'T' bar** applications for **zone** cooling and heating. The 'FT2' is an ideal choice for **new construction or renovation** and **spot cooling** when a main system is inadequate or unavailable. When connected to a chilled water/hot water source these efficient units offer cost effective, un-obtrusive, **ductless** delivery of **cooling and heating** to any space with a drop ceiling. The FT2 fan coil unit comes complete and ready to install and is sized to fit a **standard 2' X 4' ceiling tile**. Supply and return air is delivered through an attractive, high quality, **aluminum grille** which features: **flush to ceiling mounting**, **3-way** delivery of **supply air**, **hinged return air grille**, and **throwaway air filter**. The drain pan is made of **high temperature nylon** with **dual drain** connections. **Electric or hydronic heat** and a quiet, 'high lift', **condensate pump** are available options adding to this unit's versatility and utility. A conventional, low voltage **wall thermostat** controls unit operation.

### Application & Benefits:

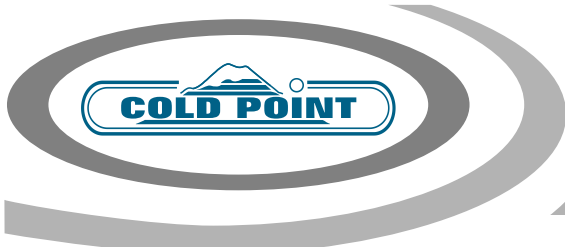
The FT2 fan coil unit is the solution for chilled water/hot water zone cooling and heating in drop ceiling applications such as **offices, conference rooms, classrooms, lobbies**, etc. The installed unit is virtually **out of sight** and **unobtrusive** which opens up many **room design** possibilities. The **standard fresh air** knockouts offer the added benefit of fresh air delivery to the room through one unit. Because of its design the unit can be **placed anywhere** in the ceiling providing for **optimum comfort** and room **design flexibility**. The standard size, 20" X 20" air filter is changed through the hinged return air grill for easy maintenance. The high temperature nylon drain pan is **rust free** and includes a secondary drain connection for added **peace of mind** in overhead applications. The optional **nichrome electric heat element** or **hydronic heat coil** provides a **second source heating** option.

### Options/Accessories:

- Condensate Pump
- Aux. Hot Water Heat
- Special Ceiling Grilles
- Electric Heaters
- Wall Thermostat

### Standard Features

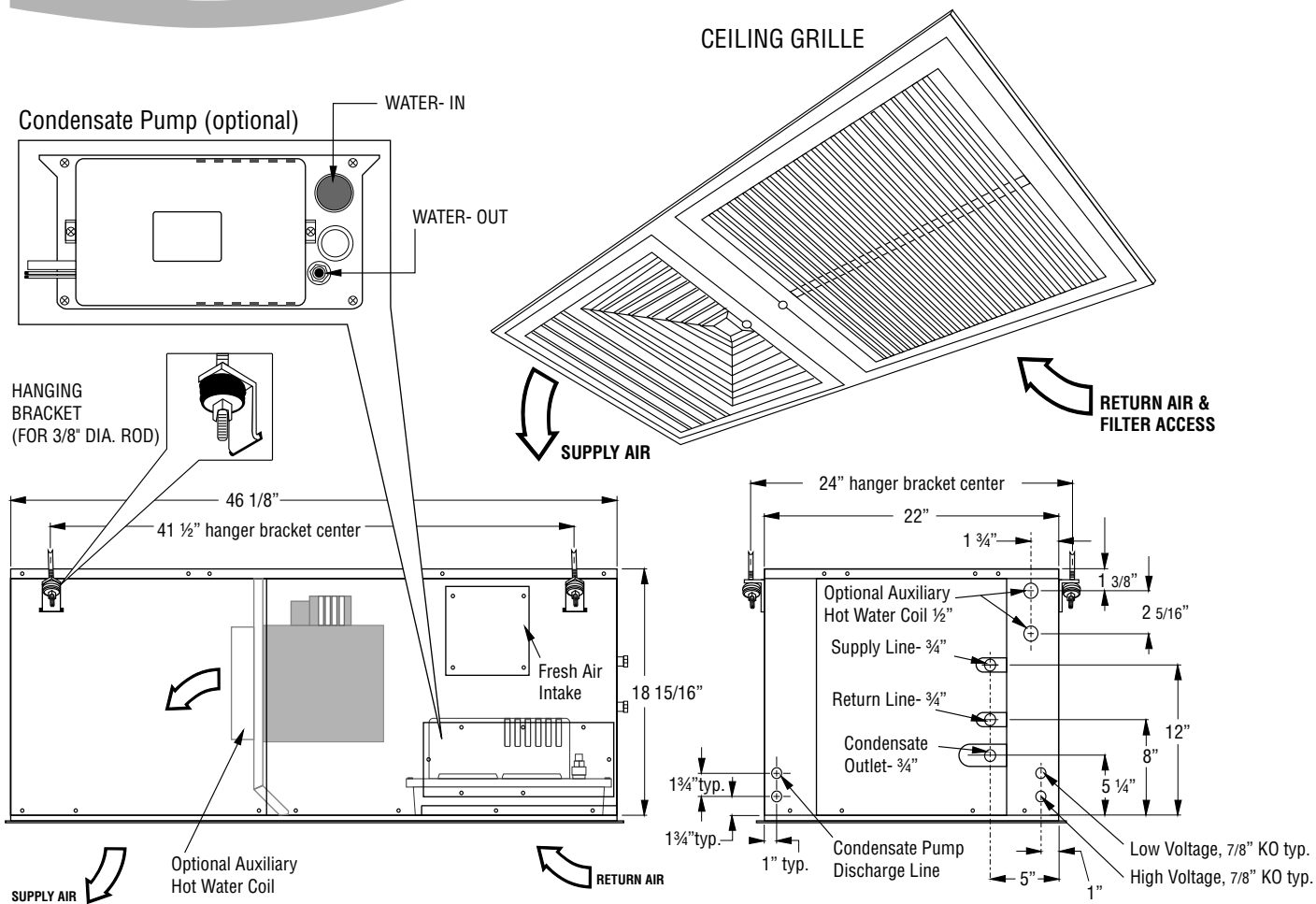
- 1) Made in USA
- 2) Perfect fit in a 2' X 4' drop ceiling
- 3) UL components and construction
- 4) 3-way aluminum supply air grill with integral hinged return grill
- 5) Hanger brackets and resilient mounts included
- 6) Standard 4" fresh air intake knock-outs
- 7) Hinged return air grill for easy filter access maintenance
- 8) 20" X 20" X 1" disposable air filter
- 9) Fully insulated compartment
- 10) Long life, heavy gauge G-90 steel cabinet
- 11) High efficiency fans & motors (2)
- 12) Enhanced high efficiency heat exchanger
- 13) High temp nylon drain pan w/dual drain connections
- 14) Low profile grill, fits nearly flush to ceiling



# FT2 Dimensions and Specifications

**Note:** Due to Cold Point Corporation's ongoing quality & product development programs, design and specifications may change. Always consult factory to verify the information provided here.

## DIMENSIONAL DETAIL 'FT2'



### FT2- Aux. Hot Water Heat Specifications- 180° EWT

| BTUH- total | GPM | Fan Speed | LWT   | Δ P- FT |
|-------------|-----|-----------|-------|---------|
| 5,575       | 0.5 | Hi        | 159   | 0       |
| 6,575       | 1.0 | Hi        | 168   | 0.1     |
| 8,250       | 1.5 | Hi        | 169.5 | 0.3     |

### FT2 Electrical Specifications

| Model No. | Voltage/ Hertz/ Phase | Fan HP  | Fan FLA | Min. (2) Circuit Amps. | Max. (2) HACR Brkr. | Ship Weight |
|-----------|-----------------------|---------|---------|------------------------|---------------------|-------------|
| FT2       | 208-230/60/1          | 2 X .08 | .80     | 12                     | 15                  | 165         |
| FT2       | 115/60/1              | 2 X .07 | 3.4     | 12                     | 15                  | 165         |

(2) If electric heaters are installed, use ampacity rating & max fuse from electric heat capacity & specifications chart

### FT2 Electric Heat Specifications

| Model | Voltage | KW      | BTU/h <sup>1</sup> | Htr. Amps | Total Amps. | Min. Cir Amps. | Max. Fuse |
|-------|---------|---------|--------------------|-----------|-------------|----------------|-----------|
| FT2   | 208/230 | 4.9/6.0 | 17120/20880        | 23.6/26.0 | 24.4/26.8   | 31.3/34.3      | 35        |

(1) Heating BTU/h includes fan motor heat

### FT2 Chilled Water Performance

80° DB/67° WB Air Temp., 45° Entering Water Temp.

| BTUH- total | BTUH- Sens. | GPM | Δ P- Ft | Lvg water temp |
|-------------|-------------|-----|---------|----------------|
| 16,730      | 14,446      | 2.0 | 2.0     | 62             |
| 20,481      | 16,107      | 3.0 | 4.3     | 59             |
| 23,257      | 17,258      | 4.0 | 7.2     | 57             |
| 25,348      | 18,129      | 5.0 | 10.7    | 55             |

### Supply Air & Fresh Air CFM

| Model No. | H.S. CFM | Fresh Air   |                       |
|-----------|----------|-------------|-----------------------|
|           |          | CFM / Duct* | Approx. Duct Velocity |
| FT2       | 600      | 45          | 500 FPM               |

(\*) 4" Diameter Duct

| Model No. | Chassis Weight (lbs) |
|-----------|----------------------|
| 07        | Consult Factory      |
| 09        | 100                  |
| 12        | 100                  |
| 15        | Consult Factory      |