



Product line drawing - CINIER Greenor®

Description:

- Fan Coil unit with very high energy efficiency, mounted on a thermo lacquered steel frame with a decorative front panel in Olycale stone:
 - Smooth finishes (Single color collection)
 - Sculpted finishes (Contemporary collection)
 - Designer finishes («Unique design» collection)
- Dimensions : 74-3/4" x 21-1/4" - 122 lbs
- The most quiet fan coil on the market (14 Db -1st speed))
- Superior comfort: Horizontal distribution of the heat and cold, no sensation of draft.
- Slimmest fan coil available on the market (4-1/2")
- Low and easy maintenance.
- Ideal for «Energy efficient» HVAC systems / renewables (Condensation boiler, heatpump...), or if high heating output is required (classic boiler).
- Power supply : 120V-60Hz. UL and CSA standards.

Clarification:

- Variations in color, shade, texture and overall appearance should be expected and understood.
- A 100% eco-friendly water-based varnish protects the finish.
- To clean the panel, use a slightly humid soft cloth or sponge, warm water and natural soap or a mild alkaline-free dish detergent.
- Electrical cable for connection to junction box not supplied.
- The licensed contractor will provide wall plugs, screws and all the necessary supplies adequate to the supporting wall and able to bear the weight of the unit.

Greenor® Heat & Cold

Speed	CFM Air flow	W/h Energy consumption	BTU/hr Heating capacities at 170°F water T°	BTU/hr Cooling capacity At 44°F water T°	Load loss factor Kpa	Sound Pressure dB (A)	GPM
V1 - Mini	74	6	5800	2047	6,2	14,3	1.3
V2 - Std	122	10	9383	4095	5,6	25,5	1.3
V3 - Maxi	174	17	12761	5459	14	35,7	1.3

Greenor® Heat only

Speed	CFM Air flow	W/h Energy consumption	BTU/hr Heating capacities at 170°F water T°	BTU/hr Heating capacities at 122°F water T°	Load loss factor Kpa	Sound Pressure dB (A)	GPM
V1 - Mini	67	6	5800	2832	2,6	14,3	1.3
V2 - Std	114	10	9383	5117	5,7	25,5	1.3
V3 - Maxi	170	17	12761	7506	10	35,7	1.3

For different water temperatures, please ask to our office.

Greenor® H

HEATING SYSTEM ONLY

To operate in heating system only mode
To operate with a conventional boiler on a closed hot water circuit with a maximal service-pressure 101.5 PSI/7bars and a maximal water temperature of 167°F / 75°C.

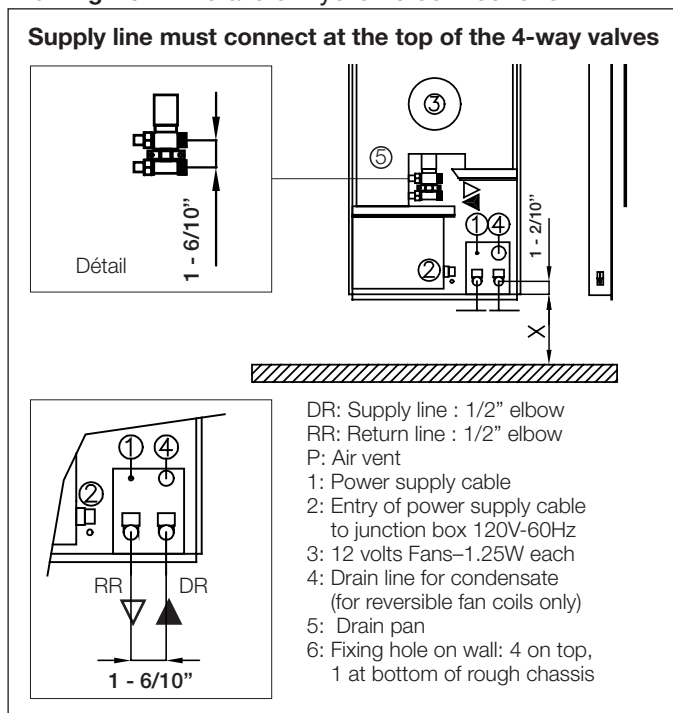
Getting ready to connect the heating system only (drawing No 1)

Prepare the supply and return water inlets (elbow fittings males 1/2» flat gasket); Respect the inlet /outlet flow as per drawing.

Prepare the power cable as shown on drawing No 1.

The power supply cable should project out of the wall by about 11»/ 30cm.

Drawing No 1 - Details of hydronic connections



Greenor® R

REVERSIBLE HEATING AND COOLING SYSTEM

To operate in reversible mode

To use with a reversible heat pump on a closed water circuit with a maximal service pressure 101.5 PSI / 7bars and a maximal water temperature of 167°F / 75°C and minimal water temperature of 44.6°F/ 7°C

Getting ready to connect the reversible system (drawing No 2)

Prepare the supply and return water inlets (elbow fittings males 1/2» flat gasket); Respect the inlet /outlet flow as per drawing.

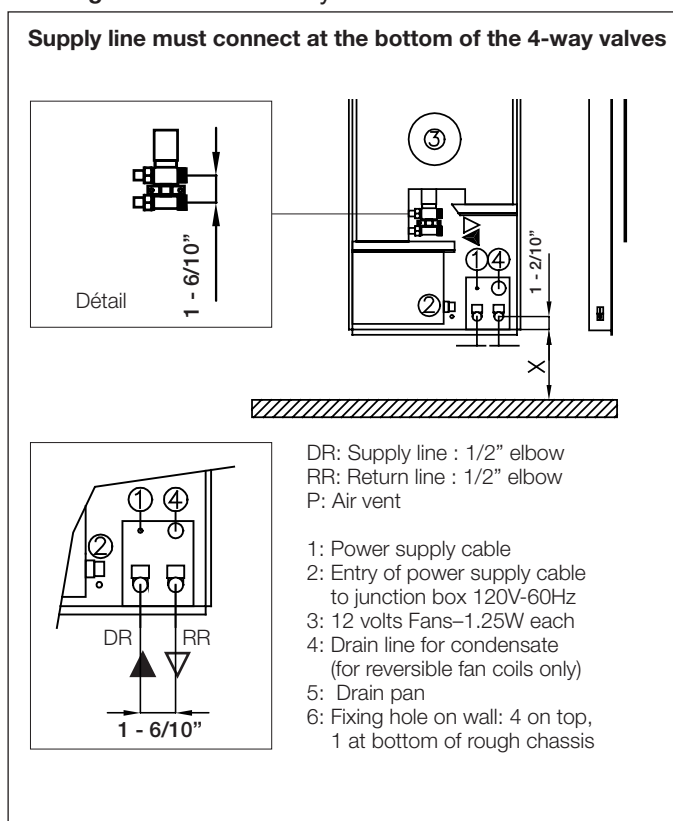
Prepare the power cable as shown on drawing No 2.

The power supply cable should project out of the wall by about 11»/ 30cm.

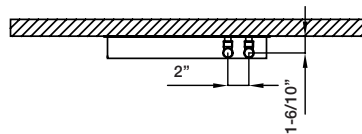
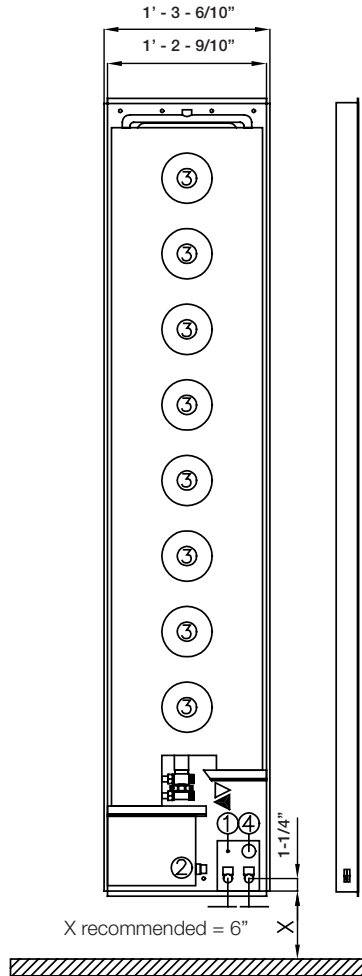
Besides, it is necessary to plan drainage of condensate using a drain and an indirect waste pipe, to dispose of condensate into the waste water circuit.

An optional pump is available, in that case plan a pipe 0.24»x0.31» / 6x8mm with a length of about 1»/ 30mm for the evacuation.

Drawing No 2 - Details of hydronic connections

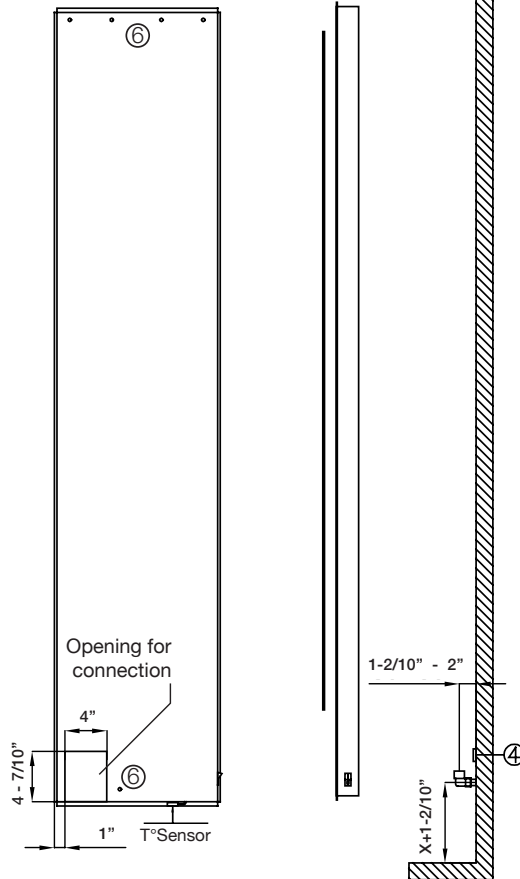


Front view Rough chassis

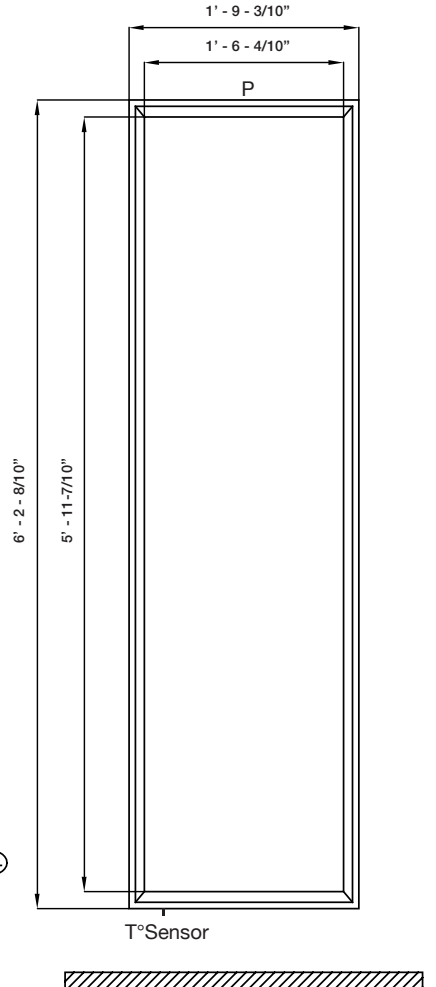


Top view technical support

Rear view Rough Chassis



Front view



DR: Supply line : 1/2" elbow
 RR: Return line : 1/2" elbow
 P: Air vent

- 1: Power supply cable
- 2: Entry of power supply cable to junction box 120V-60Hz
- 3: 12 volts Fans-1.25W each
- 4: Drain line for condensate (for reversible fan coils only)
- 5: Drain pan
- 6: Fixing hole on wall: 4 on top, 1 at bottom of rough chassis