Performance Data

Heating Performance - Imperial Units

gpm	Btu/h
0.5	2155
1.0	2357
2.0	2676
4.0	2760

Heating Performance - Metric Units

L/s	W
0.03	631
0.06	690
0.13	784
0.25	808

Performance Notes:

1. 48x10 in. [1219x254 mm] unit.
2. 180°F [82°C] entering water temperature.
3. 68°F [20°C] ambient air temperature.
4. Correction factors for EWT:
   170°F [77°C] – 0.88
   160°F [71°C] – 0.77
   150°F [66°C] – 0.65
   140°F [60°C] – 0.58

Cooling Performance - Imperial Units

Static Pressure, in. w.g.	0.02	0.03	0.04
Flow, cfm	136	167	197
Throw, ft	2-4-10	2-5-11	5-9-13

Cooling Performance - Metric Units

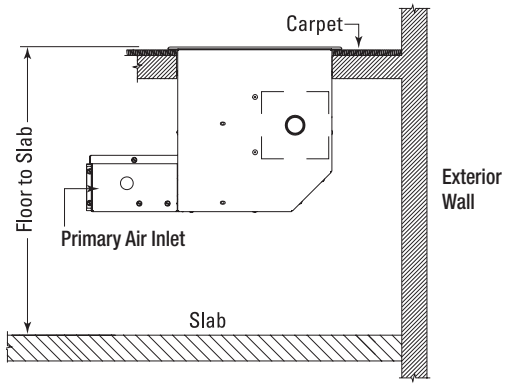
Static Pressure, Pa	5	7	10
Flow, L/s	64	79	93
Throw, m	0.6-1.2-3.0	0.6-1.5-3.4	1.5-2.7-4.0

Performance Notes:

1. Tested in accordance with ASHRAE Standard 70-2006 "Method of Testing for Rating the Performance of Air Outlets and Inlets."
2. All pressures are in in. w.g. [Pa].
3. Maximum throws are to a terminal velocity of 150 fpm [0.75 m/s], middle throws are to a terminal velocity of 100 fpm [0.50 m/s] and minimum throws are to a terminal velocity of 50 fpm [0.25 m/s].

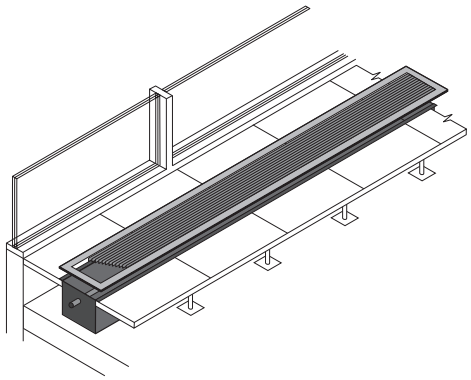
Installation Instructions

LFGH-RCV End View



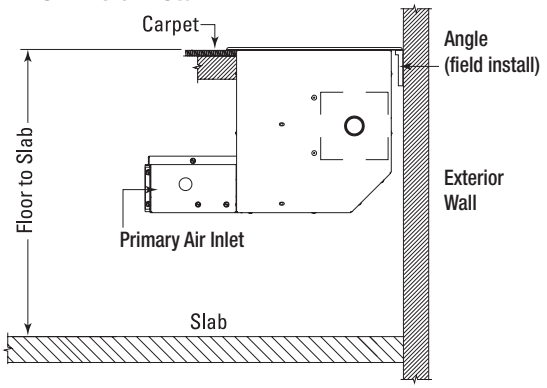
The primary air inlet provides ventilation and/or cooling to the occupied space. Inlet is controlled with included floating paint actuator.

LFGH-RCV Isometric View



A rectangular opening of the appropriate size is cut through the tile. The LFGH-RCV plenum is dropped into place from the room-side of the tile. The grille is then fastened to the plenum.

LFGH-RCV Field Install



The heating element should be oriented nearest the exterior window or wall for optimum performance. The LFGH-RCV is supported by the floor tiles.

All Metric dimensions ( ) are soft conversion.
Imperial dimensions are converted to metric and rounded to the nearest millimeter.