



v-Heat Cabinet Heater

Vertical Series: GHY, GXY, GSY

Horizontal Series: DXY, DXB

Indoor Environment & Air Quality
Design Flexibility | Performance
Energy Efficiency | Serviceability

IEC's robust v-Heat Cabinet Heater series is designed for perimeter heating in high-traffic areas such as classrooms, foyers, hallways, and more. With 50+ years of expertise as a leader in designing and producing fan coils, IEC offers the same level of focus for the v-Heat Cabinet Heaters for new construction or renovation demands.



Essential & Reliable Heating Performance

The v-Heat Cabinet Heater models achieve heating performance demands through the use of hydronic heat coils, electric heat only, or steam coil system types. Choose from 1-4 row coil options and robust valve package options for hydronic heat. For electric heat only applications, a protective electric heat shield covers the heater elements for an additional level of safety while still meeting heating demands. The Cabinet Heater comes standard with IEC's 85 Control Board, offering enhanced controls solutions with the capability for connectivity to your building BAS.



Market Applications



Higher Education



K-12 Education



Hospitality



Multi-family Residential



Office



Government

v-Heat Cabinet Heater

VERTICAL AND HORIZONTAL

The Cabinet Heater series is designed to heat large common area spaces with 2-pipe hot water coil, electric heat only or steam options. The vertical and horizontal series offers sizes 02 – 12 with performance ranging from 200-1200 nominal CFM. The standard model includes a PSC motor, 1/2" throwaway filter and 1/2" fiberglass insulation. The 18ga cabinet and 16ga front panels (for floor models) is designed for durability.

Product Availability

Cabinet Heaters are available for the following IEC product families:

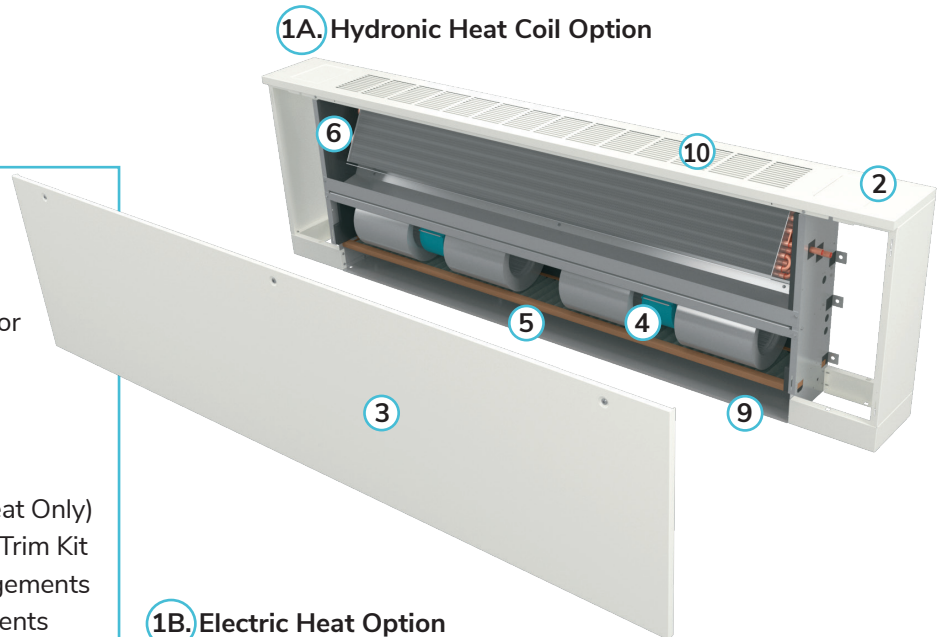
- Vertical Floor Flat/Slope Top, Recessed
- Vertical Wall Hung
- Vertical Inverted Wall Hung*
- Horizontal Ceiling Exposed, Recessed

*Contact Factory for Applications

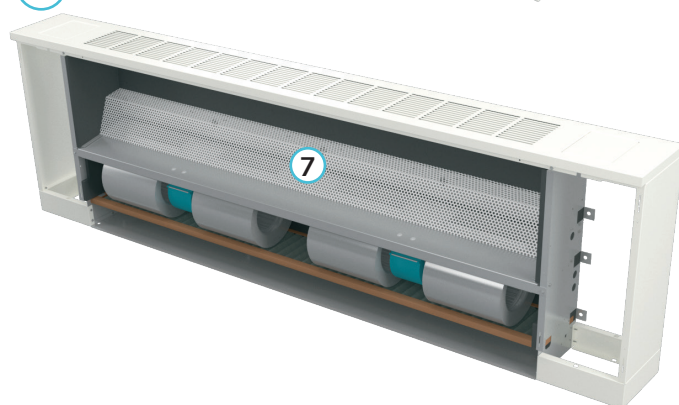
Vertical Cabinet Heater Features

- 1A. 1-4 Row Hydronic Heat Coil
- 1B. 1-6 kW Electric Heat
2. 18-16 ga Cabinet
3. 16-14 ga Front Panel (GXY, GSY) or optional Wall Panel (GHY)
4. PSC or EC Motor
5. 1" Filter Options
6. 1/2" Insulation Options
7. Protective Heat Shield (Electric Heat Only)
8. Wall or Floor Mount Options with Trim Kit
9. Front or Bottom Return Air Arrangements
10. Front or Top Supply Air Arrangements
11. Optional Outdoor Air
12. Optional Valve Package Configurations
13. Optional Cabinet Extensions

1A. Hydronic Heat Coil Option



1B. Electric Heat Option



v-Heat Cabinet Heater

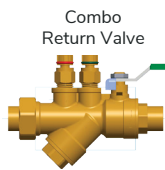
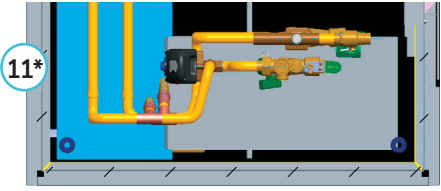
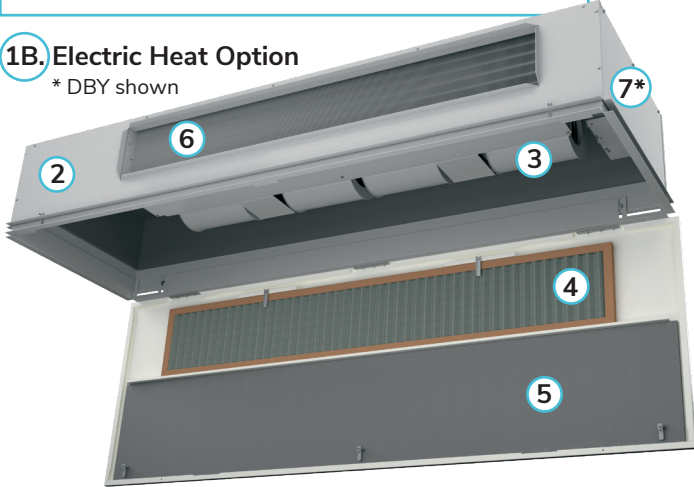
VERTICAL AND HORIZONTAL

Horizontal Cabinet Heater Features

- 1A. 1-4 Row Hydronic Heat Coil
- 1B. 1-10 kW Electric Heat
- 2. 18 ga Cabinet
- 3. PSC or EC Motor
- 4. 1" Filter Options
- 5. 1/2" Insulation Options
- 6. Protective Heat Shield (Electric Heat Only)
- 7. Exposed Painted Cabinet (DXY) or Recessed with Painted Access Panel (DBY) Configurations
- 8. Front or Bottom Return Arrangements
- 9. Front or Bottom Supply Arrangements
- 10. Outside Air Connections to meet Ventilation Requirements
- 11. Optional Valve Package Configurations, including Combination Supply and Return Valves

1B. Electric Heat Option

* DBY shown



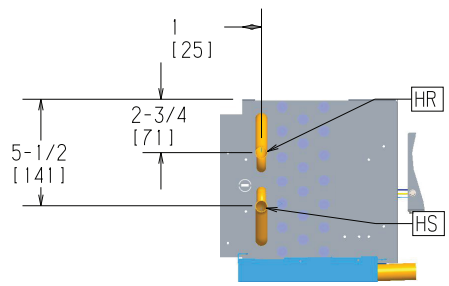
* Individual valve component valve package shown. Combo Supply and Return valves available.

Cabinet Heater Ease of Installation

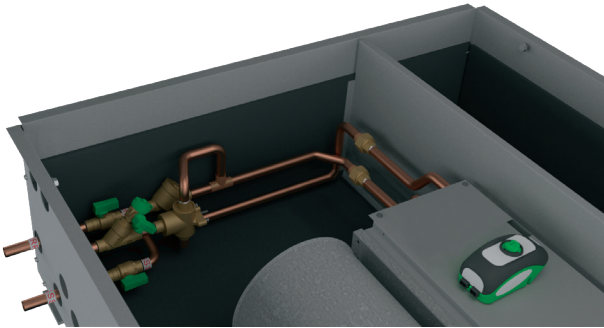
IEC's cabinet heater units come equipped standard with several features to make installation and service quick and easy.

- All ceiling and vertical coils come standard with clear and consistent termination points for ease of job planning and installation

Ex. DBY coil termination points



Ex. DXY coil termination and valve package assembly



- Most components are accessible by simply removing the access panel
- Replace filters by quickly removing the Ceiling bottom panel or Floor front panel
- Blower assembly is removable from the front of the unit for floor models or from the rear of the unit for ceiling units

Quality and Safety

- Every unit is tested and inspected at the factory for trouble-free start-up
- ETL listed



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VERTICAL AND HORIZONTAL

IEC's Green Standard:

- Environmentally friendly hydronic fan coil system (uses no refrigerants)
- High MERV filter option available
- Bipolar Ionizer
- Highly efficient Eco-telligent™ ECM option
- Wi-Fi enabled, remote control thermostat options
- Anti-microbial drain pan coating option
- Recycled materials used in manufacturing processes whenever possible
- No HCFC foams or VOC paints used in manufacturing processes



24V Bipolar Ionizer



Venture Wi-Fi Thermostat



Contact your local IEC Sales Representative for further details and pricing applicable to this product. Visit our website (iec-okc.com) to find your local IEC Sales Rep.

IEC Part Number: I100-90034486
FL-010 Revision 1 (07/2021)

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