

Skyline

FAN CONVECTOR SERIES



Model SKY20H Fan Convactor

- **Semi-recessed design for mounting on the ceiling**
- **Connects to your hot water heating system**
- **Ideal for larger areas where wall space is at a premium**
- **Delivers up to 20,000 BTUH**
- **Fan-only option for cool air circulation in the hot summer months**
- **Two-speed fan assembly**
- **Takes return air from either the ceiling space or occupied space**








ENVIRONMENTAL PRODUCTS

Skyline Fan Convactor Series

MODEL SKY20H

SUBMITTAL DATA INFORMATION

Application

Smith's Environmental Products, makers of the successful **Quiet-One**  kspace and **Profile**  fan convactor series, presents the **Skyline**  designed for semi-recessed ceiling mounting. Mounting designed for semi-recessing so that return air is taken from either the ceiling space or occupied space. Surface mount kit available if **Skyline**  cannot be recessed. Utilizing the same attractive exterior finish as our Profile models, the **Skyline**  preserves precious wall space while delivering up to 20,000 BTUH.


Engineering Specifications

Construction. All fan convectors are constructed of an internal "Heatpack" section mounted to a well-designed back chassis. All components are then enclosed under a cover, which is constructed of high grade zinc coated steel with an ash gray paintable finish.

"Heatpack" Section. A uniquely designed internal component consisting of the coil, fan and motor assembly and all controls integrally mounted.

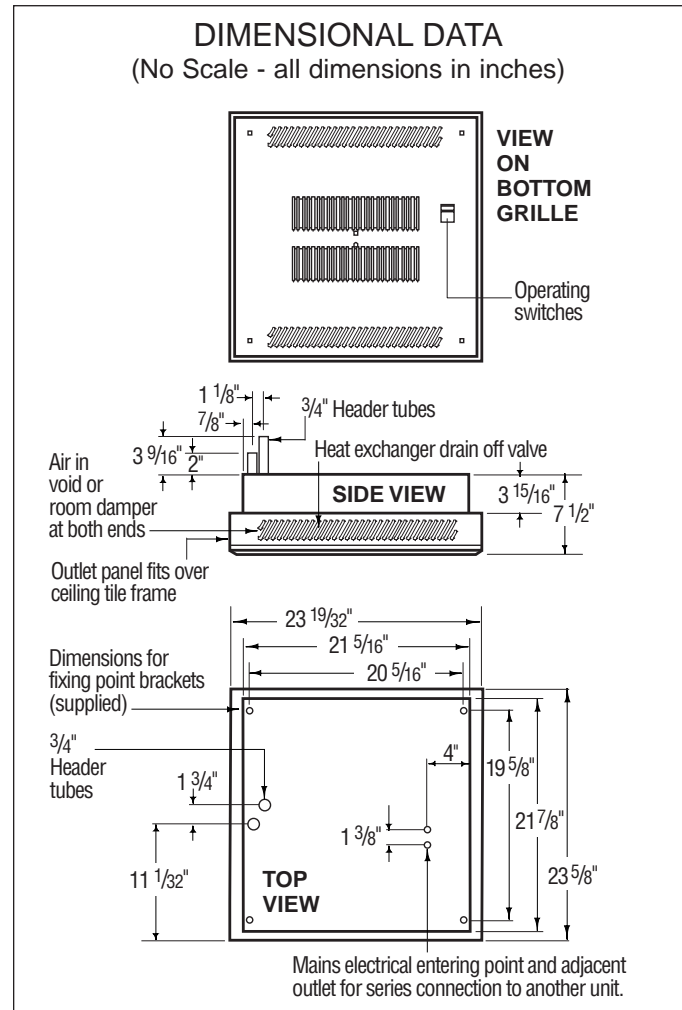
Heat Exchanger. A highly efficient, headered coil, made of copper tubes expanded into smooth aluminum plate fins tested and sealed for quality. The heat exchanger is positioned in each unit for maximum heat transfer over the coil.

Fan and Motor Assembly. High spec tangential SEL fan and motor assembly consists of high static fan wheel and scroll, detachable motor, replaceable "easy glide" sleeve bearings, and the fan and motor cutout are protected to UL/CSA specifications. This fan and motor assembly is designed to run whisper quiet without vibration. All fan convactor units have 2 fan assemblies that are located back-to-back.

Controls. All units have two speed fan assemblies normal/off/boost and fan heating/fan only switches. The low limit aquastat is designed to open at 116°F and close on a rise to 130°F. The **Skyline**  can also be used on the fan-only option for cool air circulation in the summer months.

Water Connections. Supply and return connections are 3/4" sweat connections located on the top of the unit.

Electrical Connections. 120/60/1 power supply is required.



Skyline Series BTU/Hr Outputs

Capacity for the Skyline Fan Convectors BTU/HR @ 65°F Entering Air

Model	Fan Speed	Press. Drop (FL)	ENTERING WATER TEMPERATURE (Deg. F.) - BTU/Hrs.								
			130°	140°	150°	160°	170°	180°	190°	200°	210°
SKY-20H	max.	3 ft.	8300	9800	11300	12850	14400	15900	17500	19000	19800
	min.		6500	7300	8100	8900	9600	10350	11200	12000	12700

- NOTES:**
- Capacities based on 2gpm.
 - This is a heat only unit.
 - Heat throw is approximately 4'6" on max speed downward from the center of the unit.

MODEL	UNIT WEIGHT	WT. PACKED	CUBIC FT./MINUTE	
			MAX.	MIN.
SKY20H	36 lbs.	44 lbs.	180	120



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1875 Dewey Avenue, Benton Harbor, MI 49023 • (269) 925-8818