

COMFORTER® Radiant Tube Heaters

Direct Infrared Heat for More Energy Efficiency and Superior Feed Conversion



Let's grow together®



More Heat Where You Want It

Radiant Tube Heaters from Chore-Time and HeatStar® AG* deliver low-intensity, gentle heat directly toward floor-level objects. These objects, in turn, heat the surrounding air. The tube heaters can be installed high above the floor, where they reflect heat to a large area, reducing cold spots and inconsistent heating.



Count on Chore-Time for experience, reliability, performance and confidence.

COMFORTER® Radiant Tube Heaters

For dependable heat at an economical price, you can count on COMFORTER® Radiant Tube Heaters from Chore-Time and HeatStar® AG*. Our popular 12.19- and 15.24-meter (40- and 50-foot) tube sets allow you to install fewer heaters than traditional round radiant heaters.

- Two-year warranty on tubes; one-year warranty on burner box.**
- Sealed burner box for less maintenance.
- Direct spark ignition for reliable operation.

- 3.05- to 18.29-meter (10- to 60-foot) tube lengths.
- Aluminized tubing used in first 3.05 meters (10 feet) to resist corrosion.
- Installation hardware included with tube sets.
- Stainless steel couplers.
- Chrome-plated hanging brackets.
- Connects easily to control systems such as Chore-Time's CHORE-TRONICS® 3 Controller.

**See written warranty for complete warranty details.

COMFORTER® Series Tube Heaters

COMFORTER® Heater Burner Boxes (Single-Stage)

Item Number	Model Number	kcal/hr = (BTU/h)	Fuel Type
F102654-CT	HSAG 100 N	25,216 (100,000)	Natural Gas
F102655-CT	HSAG 100 LP	25,216 (100,000)	Liquid Propane
F102656-CT	HSAG 125 N	31,520 (125,000)	Natural Gas
F102657-CT	HSAG 125 LP	31,520 (125,000)	Liquid Propane
F102658-CT	HSAG 150 NG	37,825 (150,000)	Natural
F102659-CT	HSAG 150 LP	37,825 (150,000)	Liquid Propane

Special Order Available:

kcal 10,086; 15,129 and 20,173 (BTU sizes 40K, 60K and 80K); Two-Stage Burners; Hot Surface Ignition, and CSA-Certified Models

COMFORTER® Tube Sets (Includes Tubes, Reflectors, Hangers, Couplers, Tube Vent Cap, Drip Line, Gas Hose, Electric Cord and Turbulator)

Item Number	Use with Burner Box Model Numbers	Length	Mounting Clearance to Ceiling	Typical Mounting Height	Shipping Weight
106401AG	HSAG 100	9.14-m (30-ft.) Tube Set	305 mm (12 in.)	10-15 ft. (3.05-4.57 m)	130 lb. (59 kg)
F106406AG	HSAG 125 or HSAG 100	12.19-m (40-ft.) Tube Set	305 mm (12 in.)	12-19 ft. (3.66-5.79 m)	150 lb. (68 kg)
F106407AG	HSAG 150	15.24-m (50-ft.) Tube Set	305 mm (12 in.)	12-19 ft. (3.66-5.79 m)	175 lb. (79.4 kg)

Special Order Available: Tube Sets in 3.05, 6.10 and 18.29 m (10 ft., 20 ft. and 60 ft.)

COMFORTER® Accessories (See additional accessories in COMFORTER® Series list below. Custom LP/NG gas hoses and water hoses available.)

COMFORTER® Specifications (See additional specifications in COMFORTER® Series list below.)

Electrical – 120 volt-60 Hz; Starting Current – 5.0 amps; Running Current – 1.0 amps; Custom Order – 220 volt-50 Hz

Combustion Chamber / Heat Exchanger

First Tube – 102 mm (4 in.) aluminized steel tubing, 1.3 mm (16 gauge)

Remaining Tube – 102 mm (4 in.) hot rolled steel, 1.3 mm (16 gauge)

Flue Connection – 102 mm (4 in.) O.D.

NOTICE: Always check local codes for permitted use. See owner's manual for proper installation and operation.

Accessories for COMFORTER® Series

Item Number	Description
F106414	Converts All Units to U-Tube Configuration
F111756	Air Intake Kit Includes Mini-Vent Cap, Vertical Support Pipe, Flex Tube, Two 4 in. (102 mm) Worm Gear Clamps
11679	800,000 BTU/h Regulator; Top Mount; 12.7 mm x 19.0 mm FNPT (1/2 in. x 3/4 in. FNPT); Outlet Set Point 279 mm (11 in.) WC; Outdoor
11683	800,000 BTU/h Regulator; Top Mount; 19.0 mm x 19.0 mm FNPT (3/4 in. x 3/4 in. FNPT); Outlet Set Point 279 mm (11 in.) WC; Outdoor
11689	500,000 BTU/h Regulator; Back Mount; 12.7 mm x 12.7 mm FNPT (1/2 in. x 1/2 in. FNPT); Outlet Set Point 279 mm (11 in.) WC; Outdoor

Specifications for COMFORTER® Series

Gas Connection – 12.7 mm (1/2 in.) NPT

Burner – Direct spark ignition electronic safety circuitry

Gas Supply – Natural Gas Min 117 mm (4.6 in.) WC; Max 356 mm (14 in.) WC; LP Gas Min 279 mm (11 in.) WC; Max 356 mm (14 in.) WC

Warranty – Limited 2-year warranty on all tubes; Limited 1-year warranty on burner boxes and other components

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