



HEATSTAR AG
COMFORTER



RADIANT TUBE HEATERS

EVEN HEATING FOR PIG BARN

For dependable heat at an economical price, you can count on COMFORTER® Radiant Tube Heaters from PigTek Americas and Heatstar AG*.

Burners – single stage or two stage

- > Fully gasket-sealed.
- > Powder-coat painted.
- > Colored operating lights easily visible.
- > Single stage (direct spark ignition).
- > Two stage (hot surface ignition).
- > Connects easily to Chore-Time's control systems such as Chore-Time's PigCentral™ Control.
- > Models 40,000 to 175,000 BTU/hr. (10,087 – 44,129 kcal/hr.) available.
- > 4-inch (102-mm) flue connection.

Standard stainless steel tube sets

- > Tubes are 409 Series stainless steel for maximum corrosion resistance.
- > 4-inch (102-mm) diameter.
- > Stainless steel couplers.
- > Chrome plated hanging brackets.
- > Lengths from 10 to 60 ft. (3.1 to 18.3 m) available.
- > Limited two-year warranty.

Heaters now available in the U.S. and Canada

Optional aluminized steel tube sets

- > Tubes are Aluminized Type 1 coated steel for enhanced corrosion resistance.
- > 4-inch (102-mm) diameter.
- > Superior thermal conductivity for heat efficiency.
- > Stainless steel couplers.
- > Chrome-plated hanging brackets.
- > Lengths from 10 to 60 ft. (3.1 to 18.3 m) available.
- > Limited two-year warranty.

COMFORTER® Series Tube Heaters**COMFORTER® Tube Heater Burner Boxes (Single-Stage, Spark Ignition)**

Item Number	Model Number	BTU/HR (kcal/hr)	Fuel Type
F102594-CT	COMFORTER®40NG	40,000 (10,087)	Natural Gas
F102595-CT	COMFORTER®40LP	40,000 (10,087)	Liquid Propane
F102650-CT	COMFORTER®60NG	60,000 (15,130)	Natural Gas
F102651-CT	COMFORTER®60LG	60,000 (15,130)	Liquid Propane
F102652-CT	COMFORTER®80NG	80,000 (20,173)	Natural Gas
F102653-CT	COMFORTER®80LP	80,000 (20,173)	Liquid Propane
F102654-CT	COMFORTER®100NG	100,000 (25,216)	Natural Gas
F102655-CT	COMFORTER®100LP	100,000 (25,216)	Liquid Propane
F102656-CT	COMFORTER®125NG	125,000 (31,521)	Natural Gas
F102657-CT	COMFORTER®125LP	125,000 (31,521)	Liquid Propane
F102658-CT	COMFORTER®150NG	150,000 (37,825)	Natural Gas
F102659-CT	COMFORTER®150LP	150,000 (37,825)	Liquid Propane

COMFORTER® Tube Heater Burner Boxes (Two-Stage, Hot Surface Ignition)

Item Number	Model Number	BTU/HR (kcal/hr)	Fuel Type
F102600-CT	COMFORT-2STG 100-NG	60,000/100,000 (15,130 / 25,216)	Natural Gas
F102602-CT	COMFORT-2STG 100-LP	60,000/100,000 (15,130 / 25,216)	Liquid Propane
F102605-CT	COMFORT-2STG 125-NG	80,000/125,000 (20,173 / 31,521)	Natural Gas
F102607-CT	COMFORT-2STG 125-LP	80,000/125,000 (20,173 / 31,521)	Liquid Propane
F102610-CT	COMFORT-2STG 175-NG	125,000/175,000 (31,521 / 44,129)	Natural Gas
F102612-CT	COMFORT-2STG 175-LP	125,000/175,000 (31,521 / 44,129)	Liquid Propane

COMFORTER® Aluminized Tube Sets

(Includes: Tubes, Reflectors, Hangers, Chains, Couplers, Keys, Turbulator, Vent Adapter, 3 ft. (914 mm) Gas Flex Connector & 1/2 in. (12.7 mm) Gas Shut-off Valve)

Item Number	Tube Length Set	Use with Burner Box Model	Baffle
F106408ZZ	10 ft. (3.05 m)	40,000 BTU COMFORTER®	10 ft. (3.05 m)
F106404ZZ	20 ft. (6.10 m)	60,000 or 80,000 BTU COMFORTER®	10 ft. (3.05 m)
F106405ZZ	30 ft. (9.14 m)	80,000 BTU COMFORTER®	10 ft. (3.05 m)
F106401ZZ	30 ft. (9.14 m)	100,000 BTU COMFORTER®	5 ft. (1.52 m)
F106406ZZ	40 ft. (12.19 m)	125,000 OR 150,000 BTU COMFORTER®	none
F106407ZZ	50 ft. (15.24 m)	150,000 OR 175,000 BTU COMFORTER®	none
F106403ZZ	60 ft. (18.29 m)	150,000 OR 175,000 BTU COMFORTER®	none

COMFORTER® Stainless Steel Tube Sets

(Includes: Tubes, Reflectors, Hangers, Chains, Couplers, Keys, Turbulator, Vent Adapter, 3 ft. (914 mm) Gas Flex Connector & 1/2 in. (12.7 mm) Gas Shut-off Valve)

Item Number	Tube Length Set	Use with Burner Box Model	Baffle
F106408SS	10 ft. (3.05 m)	COMFORTER®40	10 ft. (3.05 m)
F106404SS	20 ft. (6.10 m)	COMFORTER®60/80	10 ft. (3.05 m)
F106405SS	30 ft. (9.14 m)	COMFORTER®80	10 ft. (3.05 m)
F106401SS	30 ft. (9.14 m)	COMFORTER®100 & COMFORT-2STG 100 NG/LP	5 ft. (1.52 m)
F106406SS	40 ft. (12.19 m)	COMFORTER®100 or 125 & COMFORT-2STG 125 NG / LP	none
F106407SS	50 ft. (15.24 m)	COMFORTER®150 or 175 & COMFORT-2STG 175 NG / LP	none
F106403SS	60 ft. (18.29 m)	COMFORTER®150 or 175 & COMFORT-2STG 175 NG / LP	none

Radiant Tube Heater Accessories

Item Number	Description
F111756	COMFORTER® AIR INTAKE KIT (Flexible)
F106414	180 DEGREE U-TUBE KIT
F106415	90 DEGREE ELBOW KIT

Gas Regulators, Hoses, and Fittings

Item Number	Description
11679	800,000 BTU, TOP MOUNT, OUTDOOR REGULATOR - 1/2 in. x 3/4 in. FNPT (12.7 mm x 19.0 mm FNPT) - SET TO 11 in. (279 mm) WC
11682	1,800,000 BTU, BACK MOUNT, OUTDOOR REGULATOR - 3/4 in. x 1 in. FNPT (19.0 mm x 25.4 mm FNPT) - SET TO 11 in. (279 mm) WC
11683	800,000 BTU, TOP MOUNT, OUTDOOR REGULATOR - 3/4 in. x 3/4 in. FNPT (19.0 mm x 19.0 mm FNPT) - SET TO 11 in. (279 mm) WC
11684	100,000 BTU, BACK MOUNT, INDOOR REGULATOR - 1/2 in. x 1/2 in. FNPT (12.7 mm x 12.7 mm FNPT) - SET TO 11 in. (279 mm) WC
11685	1,300,000 BTU, TOP MOUNT, OUTDOOR REGULATOR - 3/4 in. x 3/4 in. FNPT (19.0 mm x 19.0 mm FNPT) - SET TO 11 in. (279 mm) WC
11689	500,000 BTU, BACK MOUNT, OUTDOOR REGULATOR - 1/2 in. x 1/2 in. FNPT (12.7 mm x 12.7 mm FNPT) - SET TO 11 in. (279 mm) WC
11692	325,000 BTU, BACK MOUNT 325-5-44-0053 INDOOR REGULATOR, - SET TO 11 in. (279 mm) WC
F173864	100,000 BTU, 325-3 INDOOR REGULATOR KIT - 1/2 in. x 1/2 in. FNPT (12.7 mm x 12.7 mm FNPT), w/FILTER
F173865	325,000 BTU, 325-5 INDOOR REGULATOR KIT - 1/2 in. x 1/2 in. FNPT (12.7 mm x 12.7 mm FNPT), w/FILTER
964010-48	3/4 in. (19.0 mm) x 4 ft. (1.22 m) TRUZERO RUBBER HOSE w/ 3/4 in. (19.0 mm) MNPT x 3/4 in. (19.0mm) JIC SWIVEL+MNPT ADAPTER

Specifications

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

Burner – Direct spark ignition electronic safety circuitry

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

Warranty – Limited two-year warranty on all tubes; Limited one-year warranty on burner boxes and other components

COMFORTER® Accessories (Custom LP/NG gas hoses and water hoses available.)**COMFORTER® Specifications**Electrical – 120 volt-60 Hz; Starting Current – 5.0 amps; Running Current – 1.0 amps; **Custom Order – 230 Volt-60Hz/50Hz**

Combustion Chamber / Heat Exchanger

Steel Tubing – 4 in. (102 mm); 16 gauge (1.3 mm)

Flue Connection – 4 in. (102 mm) O.D.

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

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