



**HEATSTAR** AG  
COMFORTER



# RADIANT TUBE HEATERS

## EVEN HEATING FOR PIG BARNS

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.
- › Stainless steel shell.
- › Powder-coat painted shell.
- › 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.

### **Reflectors**

- › Polished aluminum
- › 8-angle symmetric shape

### **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.

*Heaters now available in the U.S. and Canada*

# COMFORTER® SERIES RADIANT TUBE HEATERS

## Single Stage Burner Boxes

### POWDER COAT PAINTED BURNER SHELL, FULLY GASKET SEALED

Item Number	Model Number	BTU/HR	KCAL/HR	Fuel Type
F102650-CT	COMFORTER® 60NG	60,000	15,130	Natural Gas
F102651-CT	COMFORTER® 60LP	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

\*40,000 / 150,000 / 175,000 BTU burners available on special order basis

### STAINLESS STEEL BURNER SHELL, FULLY GASKET SEALED

Item Number	Model Number	BTU/HR	KCAL/HR	Fuel Type
F102650CS	COMFORTER® 60NGCS	60,000	15,130	Natural Gas
F102651CS	COMFORTER® 60LPCS	60,000	15,130	Liquid Propane
F102652CS	COMFORTER® 80NGCS	80,000	20,173	Natural Gas
F102653CS	COMFORTER® 80LPCS	80,000	20,173	Liquid Propane
F102654CS	COMFORTER® 100NGCS	100,000	25,216	Natural Gas
F102655CS	COMFORTER® 100LPCS	100,000	25,216	Liquid Propane
F102656CS	COMFORTER® 125NGCS	125,000	31,521	Natural Gas
F102657CS	COMFORTER® 125LPCS	125,000	31,521	Liquid Propane

\*40,000 / 150,000 / 175,000 BTU burners available on special order basis

## Two-Stage Burner Boxes

### POWDER COAT PAINTED BURNER SHELL, FULLY GASKET SEALED

Item Number	Model Number	BTU/HR	KCAL/HR	Fuel Type
F102600-CT	COMFORT2STG 100NG	60,000/100,000	15,130/25,216	Natural Gas
F102602-CT	COMFORT2STG 100LP	60,000/100,000	15,130/25,216	Liquid Propane
F102605-CT	COMFORT2STG 125NG	80,000/125,000	20,173/31,521	Natural Gas
F102607-CT	COMFORT2STG 125LP	80,000/125,000	20,173/31,521	Liquid Propane

\*175,000 BTU two-stage burners available on special order basis

## Tube Sets

### ALUMINIZED TUBE SETS

Item Number	Description	Tube Length Set	Baffle	Weight
F106404ZZ	20 FT. COMFORTER® ALUMINIZED TUBE SET	20 FT. / 6.10 M	10 FT. / 3.05 M	110 lbs/50 kg
F106405ZZ	30 FT. COMFORTER® ALUMINIZED TUBE SET 80,000 BTU & LOWER	30 FT. / 9.14 M	10 FT. / 3.05 M	160 lbs/73 kg
F106401ZZ	30 FT. COMFORTER® ALUMINIZED TUBE SET 100,000 BTU	30 FT. / 9.14 M	5 FT. / 1.52 M	190 lbs/86 kg
F106406ZZ	40 FT. COMFORTER® ALUMINIZED TUBE SET	40 FT. / 12.19 M	none	210 lbs/95 kg
F106407ZZ	50 FT. COMFORTER® ALUMINIZED TUBE SET	50 FT. / 15.24 M	none	230 lbs/104 kg

Tube sets include: aluminized steel tubes, aluminum reflectors, chains, hangers, couplers, keys, vent adapter, & baffle (where necessary)

\*10 ft. (3.05 m) and 60 ft. (18.29 m) aluminized tube sets and stainless steel tube sets available on special order basis

## Heater Accessories

### ACCESSORY KITS

Item Number	Description
F111756	COMFORTER® AIR INTAKE KIT (Flexible)
F106414	180 DEGREE U-TUBE KIT
F106415	90 DEGREE ELBOW KIT
F119061	3 FT. GAS KIT: (2) 1/2 IN. NIPPLES, PIPE CAP, TEE, 36 IN. GAS FLEX CONNECT, SHUT OFF VALVE (Recommended for Use with All ZZ Aluminized Tube Sets)

### GAS REGULATORS, HOSES, AND FITTINGS (CUSTOM UL21 LP/NG GAS HOSES AND WATER HOSES AVAILABLE)

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"ID x 48", 3/4" MPT x 3/4" JIC Swivel / 19.0 mm ID x 1.22 m, 19.0 mm MPT x 19.0 mm JIC Swivel
73583	3/8"ID x 120", 1/2" MPT x 1/2" FF / 9.5 mm ID X 3.05 m, 12.7 mm MPT X 12.7 mm FF
73584	3/8"ID x 120", 1/2" MPT x 1/2" MPT / 9.5 mm ID X 3.05 m, 12.7 mm MPT X 12.7 mm MPT
73585	3/8"ID x 120", 1/2" FPT x 1/2" FF / 9.5 mm ID X 3.05 m, 12.7 mm FPT X 12.7 mm FF
73586	3/8"ID x 72", 1/2" FPT x 1/2" FF / 9.5 mm ID X 1.83 m, 12.7 mm FPT X 12.7 mm FF
73587	1/2"ID x 72", 1/2" FF x 1/2" M SAE ADAPTER / 12.7 mm ID x 1.83 m, 12.7 mm FF x 12.7 mm M SAE ADAPTER
73588	1/2"ID x 120", 1/2" FF x 1/2" M SAE ADAPTER / 12.7 mm ID x 3.05 m, 12.7 mm FF x 12.7 mm M SAE ADAPTER
73589	1/4"ID x 72", 1/2" LHT BALL SEAT, F SWIV x 1/4" M QD PLUG / 6.4 mm ID x 1.83 m, 12.7 mm LHT BALL SEAT, F SWIV x 6.4 mm M QD PLUG
73590	3/8"ID x 120", 1/2" MPT x 1/2" MPT / 9.5 mm ID x 3.05 m, 12.7 mm MPT x 12.7 mm MPT
73591-120	3/8"ID x 120", 1/2" MPT x 1/2" FF / 9.5 mm ID x 3.05 m, 12.7 mm MPT x 12.7 mm FF
73592	3/8"ID x 120", 1/2" MPT x 1/2" FF SWIV / 9.5 mm ID x 3.05 m, 12.7 mm MPT x 12.7 mm FF SWIV
73593	1/4"ID x 72", 3/8" MPT x 1/4" F SWIV BALL / 6.4 mm ID x 1.83 m, 9.5 mm MPT x 6.4 mm F SWIV BALL
73594	1/4"ID x 120", 1/2" MPT x 1/4" F SWIV BALL / 6.4 mm ID x 3.05 m, 12.7 mm MPT x 6.4 mm F SWIV BALL
73595	1/2"ID x 120", 1/2" MPT x 1/2" FF SW, attach 1/2" MPTx1/2" M SAE ADAPT / 12.7 mm ID x 3.05 m, 12.7 mm MPTx12.7 mm FF SW, attach 12.7 mm MPTx12.7 mm M SAE ADAPT
73596	1/2"ID x 72", 1/2" MPT x 1/2" FF SW, attach 1/2" MPTx1/2" M SAE ADAPT / 12.7 mm ID x 1.83 m, 12.7 mm MPT x 12.7 mm FF SW, attach 12.7 mm MPTx12.7 mm M SAE ADAPT
73597	1/2"ID x 24", 1/2" MPT x 1/2" FF SW, attach 1/2" MPTx1/2" M SAE ADAPT / 12.7 mm ID x .61 m, 12.7 mm MPT x 12.7 mm FF SW, attach 12.7 mm MPTx12.7 mm M SAE ADAPT
73598	1/4"ID x 120", 1/4" LHT BALL SEAT, F SWIV x 1/4" M QD PLUG / 6.4 mm ID x 3.05 m, 6.4 mm LHT BALL SEAT, F SWIV x 6.4 mm M QD PLUG

## SPECIFICATIONS

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

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 2-year warranty

Electrical – 120 volt-60 Hz; Starting Current – 5.0 amps; Running Current – 1.0 amps;

Custom Order – 230 Volt-60Hz/50Hz

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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