

TWO STAGE INFRARED HEATERS



SUPERIOR
RADIANT PRODUCTS

**QUICK
HEAT RECOVERY
ON HIGH FIRE**

SERIES TA/TX/TXR TWO STAGE LOW INTENSITY INFRARED HEATERS

Series T heaters feature optimal comfort and energy savings with SRP's two-stage technology. High-low capability allows for quicker recovery on the high fire and economical steady operation on the low fire.

Model TA - Heavy duty industrial/commercial two stage infrared heater.

Model TX - Enclosed burner design further enhancing all of the great features of the TA for hard service applications.

Model TXR - As the Model TX with extra features for harsh and outdoor environments. TXR includes a potted module, sealed burner housing and heat-treated aluminized. Stainless steel available.

- **Rates 40,000 to 220,000 BTU/HR**
- **Separated Controls Compartment**
- **Self-diagnostic Ignition module**
- **Parabolic Aluminum Reflectors**
- **Heavy Duty Couplings**
- **Direct Spark Ignition**
- **24v Direct Wire for Thermostat**
- **Jet Stream Burner**
- **Vented or Unvented**

Model TXR



**100% EFFICIENT
REFLECTOR
ON ALL MODELS**



Model TA



Model TX

SUPERIOR TECHNOLOGY SUPERIOR PERFORMANCE
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SPECIFICATIONS

SERIES TA / TX / TXR TWO STAGE INFRARED HEATERS

| MODEL NG OR LPG | HIGH FIRE | LOW FIRE | MIN. LENGTH (FEET) | MAX. LENGTH (FEET) | ELECTRICAL RATING 120 VAC 60 Hz 1A plug connector | GAS CONNECTION 1/2" NPT |
|--------------------|----------------|----------------|--------------------------|--------------------------|--|--|
| | RATE BTU/HR | RATE BTU/HR | | | | |
| TA/TX/TXR-40 | 40,000 | 30,000 | 10 | 20 | | |
| TA/TX/TXR-60 | 60,000 | 45,000 | 15* | 30 | | |
| TA/TX/TXR-80 | 80,000 | 60,000 | 20 | 40 | Includes special configurations, please see I/O manual for complete details. | MINIMUM GAS INLET Natural gas 5.0" W.C. LPG gas 11.5" W.C. |
| TA/TX/TXR-100 | 100,000 | 75,000 | 20 | 50 | | |
| TA/TX/TXR-125 | 125,000 | 95,000 | 30 | 50 | | |
| TA/TX/TXR-150 | 150,000 | 115,000 | 40 | 60 | | |
| TA/TX/TXR-175 | 175,000 | 130,000 | 50 | 60 | | |
| TA/TX/TXR-205 | 205,000 | 160,000 | 50 | 70 | | |
| TA/TX/TXR-220 | 220,000 | 165,000 | 60 | 70 | *NG only | |

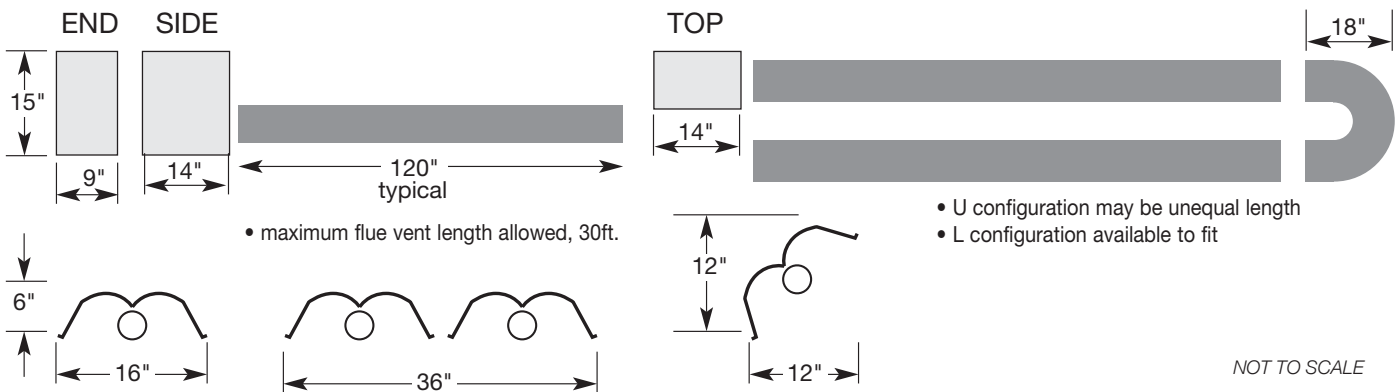
STANDARD EQUIPMENT INCLUDES

- Burner housing assembly
- Aluminized combustion tube with gasket
- Combustion air inlet collar
- Turbulators when required
- All tube, reflectors, couplings, end caps and hanging accessories per specified length

OPTIONAL EQUIPMENT

- U or L bends for specific layouts
- Side reflector and brackets
- Lower shield and brackets
- Thermostats, 24v or 120v
- Termination vent
- Hot rolled, aluminized or stainless steel tube

DIMENSIONS (Inches)



CLEARANCES TO COMBUSTIBLES (Inches)

| MODEL | TA/TX/TXR 60 | | | TA/TX/TXR 100 | | | TA/TX/TXR 125 | | | TA/TX/TXR 175 | | | TA/TX/TXR 205 | | | TA/TX/TXR 220 | | |
|-----------------------|--------------|------|-------|---------------|------|-------|---------------|------|-------|---------------|------|-------|---------------|------|-------|---------------|------|-------|
| | Top | Side | Below | Top | Side | Below | Top | Side | Below | Top | Side | Below | Top | Side | Below | Top | Side | Below |
| Straight - Horizontal | 2 | 25 | 58 | 2 | 30 | 67 | 4 | 33 | 71 | 6 | 40 | 78 | 6 | 44 | 80 | 6 | 46 | 83 |
| Straight - 45° Tilt | 4 | 4-46 | 50 | 4 | 4-58 | 67 | 6 | 4-63 | 70 | 8 | 4-67 | 74 | 8 | 4-72 | 78 | 8 | 4-77 | 81 |
| U-Tube Horizontal | 2 | 25 | 59 | 2 | 30 | 71 | 4 | 34 | 74 | 6 | 40 | 78 | 6 | 45 | 82 | 6 | 46 | 88 |

- Other layout configurations are approved
- Side reflectors and lower shields are available
- Lower clearances are allowable at 25' from burner
- See installation manual for complete information

Go to website for I/O manuals, specifications, submittal data and weights.



SUPERIOR
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