

# 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**  
**WWW.SUPERIORRADIANT.COM**

# 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	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-60	60,000	45,000	15*	30			
TA/TX/TXR-80	80,000	60,000	20	40			
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

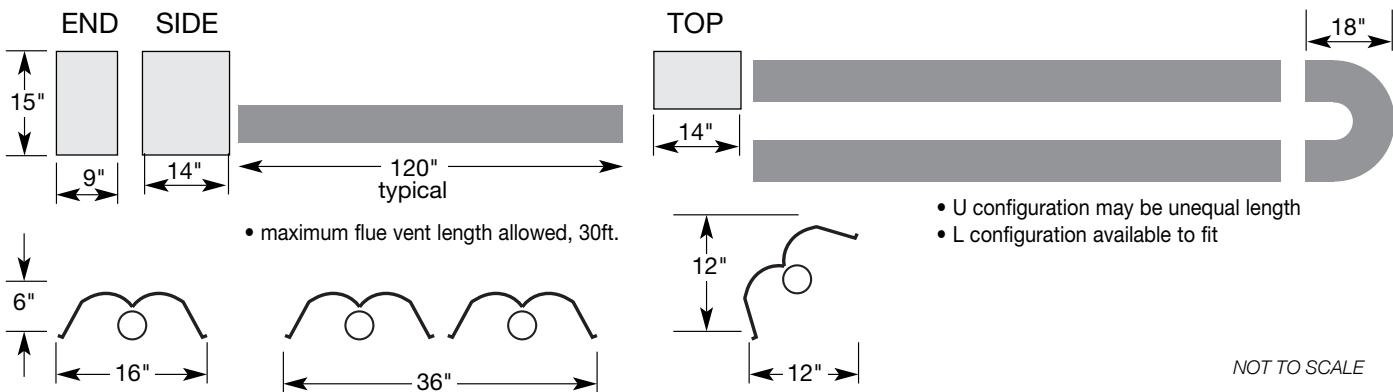
### STANDARD EQUIPMENT INCLUDES

- 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.**



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