

SERIES MA and MX INFRARED HEATERS



FEATURES

- Rates 40,000 to 220,000 BTU/HR
- Natural Gas
- Configurations of U and L
 - horizontal or 45°
- Separated Controls Compartment
 - electronics out of air stream
 - burner can run during servicing
- Self diagnostic ignition module
- Parabolic Aluminum Reflectors
 - most efficient in the industry
- Direct Spark Ignition
- Vented or unvented
- Operating status lights
- 24v direct wire for Thermostat
- Hinged service cover on MA
- Jet Stream Burner
 - improved heat distribution
 - better combustion
- Heavy Duty Couplings
 - no leaks
 - cannot be over tightened
- MX model features
 - totally enclosed construction
 - 10 year warranty on optional aluminized heat exchanger
- Patented Technology (US Patent # 5,989,011)



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SPECIFICATIONS

Series MA and MX Infrared Heaters

MODEL	RATE BTU/HR		SHIP WT.	STD. LENGTH	ELECTRICAL RATING	GAS CONNECTION
	Nat. Gas.	High Low				
MA (X) -40	-40	40,000 30,000	80 lbs (37 kg)	10	120 VAC 60 Hz 1A plug connector	1/2" NPT
MA (X) -60	-60	60,000 45,000	120 lbs (55 kg)	20		
MA (X) -80	-80	80,000 60,000	120 lbs (55 kg)	20	Extension Options Available	
MA (X) -100	-100	100,000 75,000	120 lbs (55 kg)	20		
MA (X) -125	-125	125,000 95,000	160 lbs (73 kg)	30	TUBE DIAMETER Combustion air 4" Flue 4"	MINIMUM GAS INLET Nat gas 5.0" W.C.
MA (X) -150	-150	150,000 115,000	200 lbs (91 kg)	40		
MA (X) -175	-175	175,000 130,000	240 lbs (109 kg)	50		
MA (X) -205	-205	205,000 160,000	280 lbs (127 kg)	50		
MA (X) -220	-220	220,000 165,000	280 lbs (127 kg)	60		

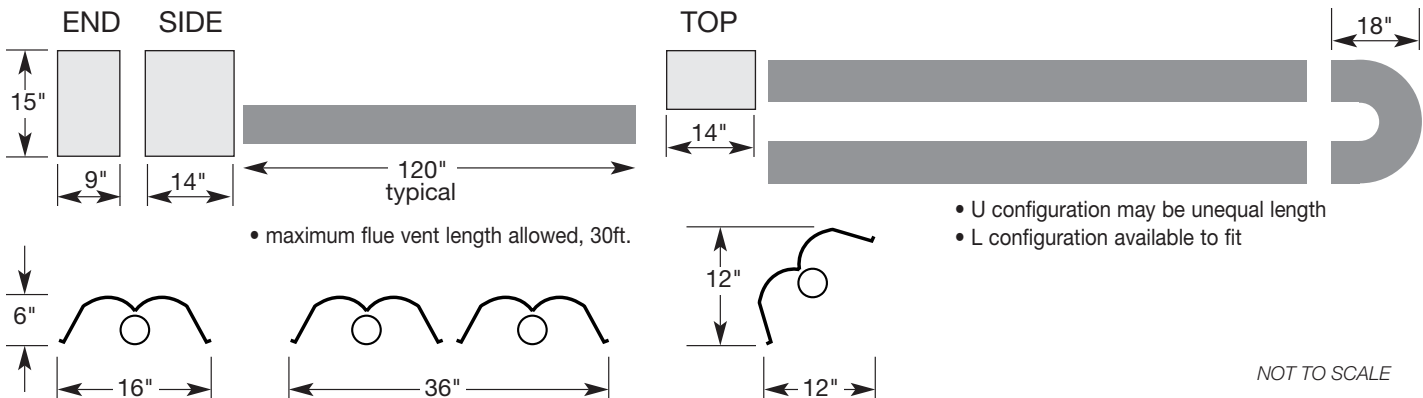
STANDARD EQUIPMENT INCLUDES

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

OPTIONAL EQUIPMENT

- U or L bends for specific layouts
- Side reflector and brackets
- Lower shield and brackets
- Thermostat - 24v
- Termination vent
- Hot rolled or aluminized tube

DIMENSIONS (Inches)



CLEARANCES TO COMBUSTIBLES (Inches)

MODEL	MA or MX 60			MA or MX 100			MA or MX 125			MA or MX 175			MA or MX 205			MA or MX 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



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