

GAS-FIRED, HIGH AND LOW-INTENSITY INFRARED UNITS

- 30,000 to 200,000 Btu/Hr Input • Simple Chain Mounting • High Heat Transfer Ceramic Tiles • Unvented Operation • Low Installation Cost • Ideal for Spot Heating • Available in Natural or Propane Gas



MODEL MHR

Modine's model MHR is a high intensity infrared heater, approved for indoor unvented installation. Model MHR does not utilize a fan, thus eliminating noise and draft distractions. Gas and power connections are simple and maintenance is inexpensive, since there are no moving parts to maintain. Controls are available as either Direct Spark Ignition or Self-Generating Millivolt. Modine's MHR Series heaters include the following features:

- Rugged aluminized steel frame.
- High temperature ceramic tiles provide maximum heat transfer.
- Polished aluminum reflector efficiently directs infrared rays to desired area.
- Available for both Natural or Propane gas operation.
- Two stage gas controls available.

Performance Data

Model	Gas Controls	Input Rating (Btu/hr)		Recommended Mounting Height (ft.)	
		Natural	Propane	Standard Reflector	
				0° Angle	30° Angle
MHR 30	Single Stage or Millivolt	30,000	-	11.0 - 13.0	10.0 - 12.0
MHR 50	Single Stage or Millivolt	-	50,000	13.5 - 15.5	12.5 - 14.5
MHR 60	Single Stage or Millivolt	60,000	-	14.5 - 16.5	13.0 - 15.0
MHR 90	Single Stage or Millivolt	90,000	90,000	16.0 - 18.5	14.5 - 17.0
	Two Stage	-	90,000/45,000	16.0 - 18.5	14.5 - 17.0
MHR100	Single Stage or Millivolt	100,000	-	17.0 - 19.5	15.0 - 17.5
	Two Stage	100,000/50,000	-	17.0 - 19.5	15.0 - 17.5
MHR120	Single Stage or Millivolt	120,000	120,000	17.5 - 21.0	15.5 - 18.5
	Two Stage	-	120,000/80,000	17.5 - 21.0	15.5 - 18.5
MHR150	Two Stage	150,000/100,000	-	18.5 - 22.5	16.5 - 20.0
MHR160	Single Stage or Millivolt	160,000	160,000	19.0 - 23.0	17.0 - 20.5
MHR160	Two Stage	-	160,000/80,000	19.0 - 23.0	17.0 - 20.5
MHR200	Single Stage or Millivolt	200,000	-	20.5 - 25.0	18.5 - 22.5
	Two Stage	200,000/100,000	-	20.5 - 25.0	18.5 - 22.5

Request Catalog 9-122 For Complete Technical Information and Specifications.

- Pressurized Type, Low-Intensity Heater • 50,000 to 200,000 Btu/Hr Input • 20 to 70 Foot System Lengths
- Straight and U-Shaped Configurations • Simple Chain Mounting • Designed for Indoor or Outdoor, Vented or Unvented, Commercial and Industrial Installation • Available in Natural or Propane Gas



MODEL TLP

Modine's Model TLP is a single-burner positive pressure infrared heater, approved for vented or unvented commercial and industrial applications. For either indoor or outdoor installation. Modine's TLP series heaters include the following features:

- Heat treat darkened 16 gauge aluminized steel heat exchanger provides enhanced corrosion-resistance for longer life, high radiant heat transfer, and will not scratch, flake, or peel like painted tubes.
- Blocked intake/exhaust switch to provide gas valve closure.
- Reliable four-trial (three re-trial) hot surface ignition with separate flame sensor.
- Polished aluminum reflector directs infrared rays efficiently to desired area.
- Sight window and indicator lights show proper unit operation.
- Available distributor packaging burner and tube kits to reduce inventory.
- 180° rotatable gas valve, accessible from either side of burner box.
- Durable polyester powder paint maintains life-long appearance.
- 115v service voltage, 24v control voltage.
- Permanently-lubricated combustion air blower mounted inside burner box for quiet operation.
- Side access panels for servicing either side of the burner box.
- Enclosed burner compartment allows burner box to be open while manifold pressure is adjusted.

Performance Data

Model No.	Btu/Hr Input	System Lengths (ft.)	Recommended Mounting Height (ft.)
TLP 50	50,000	20, 30	10 - 12
TLP 60	60,000	20, 30, 40	10 - 12
TLP 75	75,000	30, 40	12 - 14
TLP 100	100,000	30, 40, 50 ①	12 - 14
TLP 125	125,000	40, 50, 60	15 - 22
TLP 150	150,000	50, 60	15 - 25
TLP 175	175,000	50, 60, 70 ②	18 - 28
TLP 200	200,000	50, 60, 70 ②	20 - 30

① Consult factory for propane operation at 50 ft. system length.

② Consult factory for propane operation at 70 ft. system length.

DO NOT LOCATE ANY GAS-FIRED UNIT IN AREAS WITH CHLORINATED, HALOGENATED OR ACIDIC VAPORS IN ATMOSPHERE.

Request Catalog 9-117 For Complete Technical Information and Specifications.