

# Energy Efficient Infrared Technology



## **PATIO HEATER**

Reinvent your patio with the comfortable warmth of an infrared patio heater.

Modine's high-quality and stylish high intensity infrared patio heater is designed to provide outdoor comfort heating. Help take the chill off those cooler days and nights and extend the outdoor living season.

In contrast with traditional outdoor heaters, infrared alternatives will direct their energy to surrounding objects rather than the air. Not only does this increase efficiency, but also provides you with more warmth.

### **OHP Series**



#### **Perfect For**

- Outdoor Living Spaces
- Restaurant Patios
- Vestibules
- Entrance Ways
- Valet Waiting Areas

#### **Benefits**

**No waiting for heat -** As soon as the heater is turned on, you will start to feel the warmth. Traditional heaters can take a while to warm up the air.

**Quiet operation -** Unlike traditional outdoor heaters, Modine's infrared patio heater does not have a fan, making it very quiet and keeping your outdoor space peaceful and tranquil.

**Energy-Efficient -** Outdoor infrared heaters work in a similar way to the sun, which heats the object directly without losing heat through the circulation of air.

**Extended living -** Perfect solution to stylishly extend the outdoor season for many residential and commercial applications.

#### **Product Features**

- Wind & rain protectant design
- ETL Design Certified to ANSI 283.26 standard
- Direct-Spark ignition
- Brushed stainless housing
- Versatile mounting options
- Even level of heat distribution
- Natural gas or propane fueled
- Outdoor approved
- Mounting brackets included



## **OHP Series & Mounting Bracket Dimensions**

Mounting brackets are adjustable in 1 inch intervals

- 1. Minimum mounting bracket extension to non-combustibles only is 9 in.
- 2. Minimun 0° mounting bracket extension to combustibles is 14.8 in.
  - Minimum angle mounting bracket extension (up to 30°) to combustibles is 17.5 in.
- 3. Maximum mounting bracket extension is 20.5 in.



## **Product Specifications**

Natural Gas Models	31,000 & 34,000 BTU/h				
Propane Gas Models	31,000 BTU/h				
Certification	ETL ANSI Z83.26 Standard				
Limited Warranty 1 year controls, 5 year burner					
Gas Connections	1/2" NPT				
Manifold	6" Natural or 10" Propane				
Minimum	7" Natural or 11" Propane				
Maximum	14" Natural or 14" Propane				

Volts	24 VAC/60 Hz Single Phase
Amps	0.65 starting, 0.48 running
Control Voltage	24 VAC
Mounting Brackets	Stainless Steel
Clearance Safety Sign	Plaque

**Operational Costs:** On average, operating a gas fired heater with a 20-lb. LP cylinder costs upwards of 4 to 5 times more than operating on Natural Gas. Consult your local utility for a fuel cost analysis.

#### **Available OHP Models**

		Approx.	Ship	Typ. or Remd.	Clearance to Combustibles**						
Gas	BTU/h	Coverage	Weight	Mounting Heights*	Mtg. Angle	Side(s)	Ends	Below	Тор	Back	Front
OHP 31 Nat. 31,000 8' x 8' ^59 II	AEO Iba	os. 8'0" to 12'-0"	0°	18"	12"	48"	13"	N/A	N/A		
	~59 IDS.		30°	N/A	12"	40"	18"	18"	36"		
OHP 31 Prop. 31,000 8' x 8' ^59 lbs	AEO Iba	8'0" to 12'-0"	O°	18"	12"	48"	13"	N/A	N/A		
	^59 IDS.		30°	N/A	12"	40"	18"	18"	36"		
OHP 34 Nat. 34,000 9' x 9' ^59 lb:	AEO Iba	8'6" to 13'-0"	0°	18"	12"	48"	13"	N/A	N/A		
	NOS IDS.		30°	N/A	12"	40"	18"	18"	36"		
	Nat. Prop.	Nat. 31,000 Prop. 31,000	Nat. 31,000 8' x 8'  Prop. 31,000 8' x 8'	Gas         BTU/h         Coverage         Weight           Nat.         31,000         8' x 8'         ^59 lbs.           Prop.         31,000         8' x 8'         ^59 lbs.	Gas         BTU/h         Coverage         Weight         Mounting Heights*           Nat.         31,000         8' x 8'         ^59 lbs.         8'0" to 12'-0"           Prop.         31,000         8' x 8'         ^59 lbs.         8'0" to 12'-0"	Gas         BTU/h         Coverage         Weight         Mounting Heights*         Mtg. Angle           Nat.         31,000         8' x 8'         ^59 lbs.         8'0" to 12'-0"         0°           Prop.         31,000         8' x 8'         ^59 lbs.         8'0" to 12'-0"         0°           Nat.         34,000         9' x 9'         ^59 lbs.         8'6" to 13'-0"         0°	Gas         BTU/h         Coverage         Weight         Mounting Heights*         Mtg. Angle         Side(s)           Nat.         31,000         8' x 8'         ^59 lbs.         8'0" to 12'-0"         0°         18"           Prop.         31,000         8' x 8'         ^59 lbs.         8'0" to 12'-0"         0°         18"           N/A           Nat.         34,000         9' x 9'         ^59 lbs.         8'6" to 13'-0"         0°         18"	Gas         BTU/h         Approx. Coverage         Ship Weight         Hyp. or Rcmd. Mounting Heights*         Mtg. Angle         Side(s)         Ends           Nat.         31,000         8' x 8'         ^59 lbs.         8'0" to 12'-0"         0°         18"         12"           Prop.         31,000         8' x 8'         ^59 lbs.         8'0" to 12'-0"         0°         18"         12"           30°         N/A         12"           30°         N/A         12"           Nat.         34,000         9' x 9'         ^59 lbs.         8'6" to 13'-0"         0°         18"         12"	Gas         BTU/h         Coverage         Ship Veight         Myp. or Rcmd. Mounting Heights*         Mtg. Angle         Side(s)         Ends         Below           Nat.         31,000         8' x 8'         ^59 lbs.         8'0" to 12'-0"         0°         18"         12"         48"           Prop.         31,000         8' x 8'         ^59 lbs.         8'0" to 12'-0"         0°         18"         12"         48"           Nat.         34,000         9' x 9'         ^59 lbs.         8'6" to 13'-0"         0°         18"         12"         48"	Gas         BTU/h         Coverage         Snip Weight         Hyp, or Remd. Mounting Heights*         Mtg. Angle         Side(s)         Ends         Below         Top           Nat.         31,000         8' x 8'         ^59 lbs.         8'0" to 12'-0"         0°         18"         12"         48"         13"           Prop.         31,000         8' x 8'         ^59 lbs.         8'0" to 12'-0"         0°         18"         12"         48"         13"           30°         N/A         12"         40"         18"           30°         N/A         12"         40"         18"           Nat.         34,000         9' x 9'         ^59 lbs.         8'6" to 13'-0"         0°         18"         12"         48"         13"	Gas         BTU/h         Coverage         Ship Weight         Myp. or Rcmd. Mounting Heights*         Mtg. Angle         Side(s)         Ends         Below         Top         Back           Nat.         31,000         8' x 8'         ^59 lbs.         8'0" to 12'-0"         0°         18"         12"         48"         13"         N/A           Prop.         31,000         8' x 8'         ^59 lbs.         8'0" to 12'-0"         0°         18"         12"         48"         13"         N/A           Nat.         34,000         9' x 9'         ^59 lbs.         8'6" to 13'-0"         0°         18"         12"         48"         13"         N/A

<sup>\*</sup> Typical or recommended mounting heights are provided as a guideline. Actual conditions may dictate variations form the above data.

\*\*Always maintain the published clearances to combustibles. **NOTE:** Certain applications (awnings, fabrics, plastics, sprinklers, insulation) may require

the heater to be mounted at a distance in excess of the published clearances to combustibles. Contact the factory. **IMPORTANT:** If the heater is mounted beneath a non-combustible surface, an 8 inch minimum top clearance must be maintained from the top of the heater to prevent overheating the controls. Ashipping weight is 65 lbs. with mounting bracket SS. Box dimensions 54"x12"x15". Truckline transportation for orders containing three or more units is recommended.



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