

GAS FIRED INFRARED HEATERS

FOR COVERED PATIOS



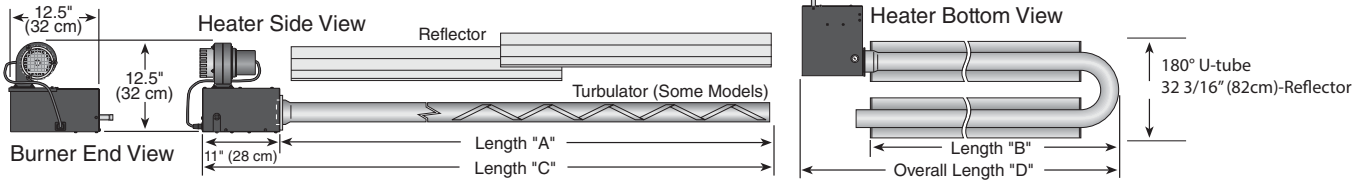
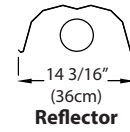
Keep the Patio Open Year Round

- Installed overhead, safely away from patrons, freeing valuable floor space for seating
- One heater covers up to 20' to 40' of floor space.
- Permanently connected to building's natural gas or propane gas service.
- No changing propane tanks.
- Durable components & construction built to last.
- Ships in 5 days.
- Made in the USA.

INDUSTRIATM
RESTAURANT COMFORT SYSTEMS

INDUSTRIA™

RESTAURANT COMFORT SYSTEMS



Model		NBH-40	NBH-60	NBH-80	NBH-100	NBH-115	NBH-125	NBH-140	NBH-150
Length of Straight Tube	[ft, in] A	10	20	20	30	30	30	40	40
Length of U-Tube	[ft, in] B	N/A	11, 7	11, 7	16, 7	16, 7	16, 7	21, 7	21, 7
Overall Length of Straight Tube	[ft, in] C	10, 11	20, 11	20, 11	30, 11	30, 11	30, 11	40, 11	40, 11
Overall Length of U-Tube	[ft, in] D	N/A	12, 6	12, 6	17, 6	17, 6	17, 6	22, 6	22, 6
Input (Btu/h) x (1000)		40	60	80	100	115	125	140	150
Gas Supply Pressure	[in wc] NG min.	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
	LPG Propane min.	11	11	11	11	11	11	11	11
	NG & LPG Propane max.	14	14	14	14	14	14	14	14
Gas Connection	NPT	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Combustion Air Inlet	dia	4"	4"	4"	4"	4"	4"	4"	4"
Exhaust Flue	dia	4"	4"	4"	4"	4"	4"	4"	4"
Tube & Reflector Package Length	[ft]	10	20	20	30	30	30	40	40
Tube & Reflector Package Weight	[lb]	52	86	86	120	120	120	161	161
Burner Weight	[lb]	29	29	29	29	29	29	29	29
U-Tube Package Weight	[lb]	19	19	19	19	19	19	19	19
Recommended Mounting Height	[ft]	8-10	10-12	12-15	12-15	15-20	15-20	20-25	20-25
Fuel	Natural Gas (NG) or Propane Gas (LP)								
Electrical Supply	120 V, 60 Hz, 1 A								
Heat Exchanger Tubing	10 ft Sections, 4" dia, 16 Gauge, First 10 ft ALUMI-THERM® Steel Tubing [Remaining Heat Treated Aluminized Tubing]								
Reflector and End Caps	Aluminum								
Control System	Fully Automatic, Three-Try, 100% Shut-Off, Direct Spark Electronic Ignition Control								
Approved As	Indoor (Vented or Unvented)								
Certification	ANSI Z83.20/CSA 2.34, 2.17, 2.20								
Warranty	Three-Year Limited (Refer to Installation, Operation and Service Manual for Details)								

Clearances to Combustibles *[in]

Model		NBH-40		NBH-60		NBH-80		NBH-100		NBH-115/125		NBH-140/150	
		Horiz.	45°	Horiz.	45°	Horiz.	45°	Horiz.	45°	Horiz.	45°	Horiz.	45°
	A	6	8	6	8	6	8	6	10	6	10	6	12
	B	27	8	35	8	38	8	40	8	46	8	50	8
	C	52	50	62	59	65	65	70	73	76	77	79	83
	D	27	46	35	54	38	60	40	64	46	69	50	74

*Clearances B, C and D can be reduced by 50% for locations 25 ft (7 m) or more downstream of the burner. For other mounting options and associated clearances, complete installation, operation and service criteria, please see the current issue of the Installation, Operation and Service Manual.

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