

Single-Stage Infrared Heater **REZNOR®**

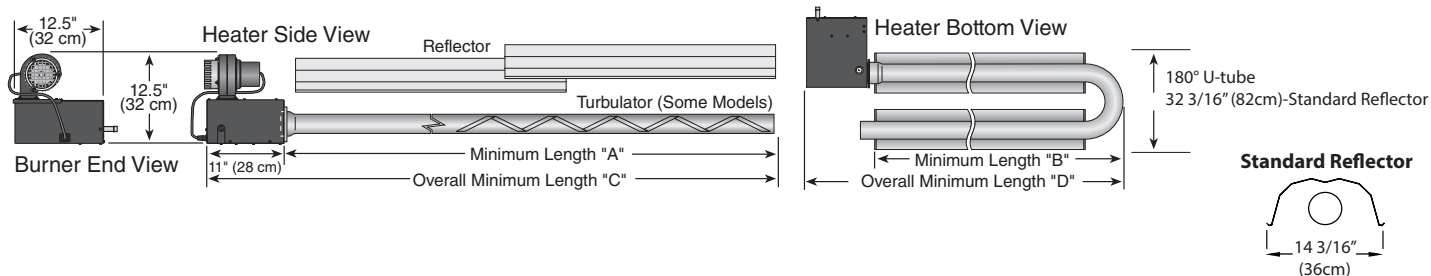


Model VZ

Infrared Heater for Industrial and Commercial Comfort

- Approved for indoor spaces like assembly lines, loading docks, airplane hangars, exhibition halls, transportation terminals, and other locations
- Wide range of burner sizes and tube lengths
- Easy serviceability provided through hinged door design
- Design flexibility achieved with straight, U-tube and L-tube configurations

ALLIES IN COMFORT



		Model VZ									
Model		VZ-40	VZ-60	VZ-80	VZ-100	VZ-115	VZ-125	VZ-140	VZ-150	VZ-175	VZ-200
Minimum Length of Straight Tube*	[ft, in] A	10	20	20	30	30	30	40	40	40	50
Minimum Length of U-Tube*	[ft, in] B	N/A	11, 7	11, 7	16, 7	16, 7	16, 7	21, 7	21, 7	21, 7	31, 7
Overall Minimum Length of Straight Tube*	[ft, in] C	10, 11	20, 11	20, 11	30, 11	30, 11	30, 11	40, 11	40, 11	40, 11	50, 11
Overall Minimum Length of U-Tube*	[ft, in] D	N/A	12, 6	12, 6	17, 6	16, 6	17, 6	22, 6	22, 6	22, 6	32, 6

*For additional lengths, please see the current Installation, Operation and Service Manual.

Input (Btu/h) x (1000)		40	60	80	100	115	125	140	150	175	200
Inlet Pressure	[in wc] NG min.	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	5	5
	LPG Propane min.	11	11	11	11	11	11	11	11	11	N/A
	NG & LPG Propane max.	14	14	14	14	14	14	14	14	14	14 (NG Only)
Gas Connection (Gas line included with burner)	NPT	½"	½"	½"	½"	½"	½"	¾"	¾"	¾"	¾"
Combustion Air Inlet	dia	4"									
Exhaust Flue	dia	4"									
Weights											
Hot Rolled or Aluminized Tube and Accessory Packages [ft]		10	20	30	40	50	60	70	80		
Standard Aluminum Parabolic Reflector	[lb]	52	86	120	161	206	240	281	322		
Burner	[lb]	29									
U-tube Packages											
Aluminized U-tube for Standard Parabolic Reflector	[lb]	19									
Fuel		NG or LPG Propane (VZ-200 NG Only)									
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 Hot Rolled, Heat Treated Aluminized]									
Reflector and End Caps		.024 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		Five-Year Limited (Burner) and Ten-Year Limited (Tubing) (Refer to Installation, Operation and Service Manual for Details)									

Clearances to Combustibles **[in]

Model		VZ-40		VZ-60		VZ-80		VZ-100		VZ-115/125		VZ-140/150		VZ-175		VZ-200	
Horizontal	45°	Horiz.	45°	Horiz.	45°	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	8	12	8	12
	B	27	8	35	8	38	8	40	8	46	8	50	8	52	8	52	10
	C	52	50	62	59	65	65	70	73	76	77	79	83	82	85	96	85
	D	27	46	35	54	38	60	40	64	46	69	50	74	52	79	52	79

**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.



Call your Reznor® Rep to find a product that works for you 800.695.1901.

Visit reznorhvac.com for more information on the Reznor® product line.

