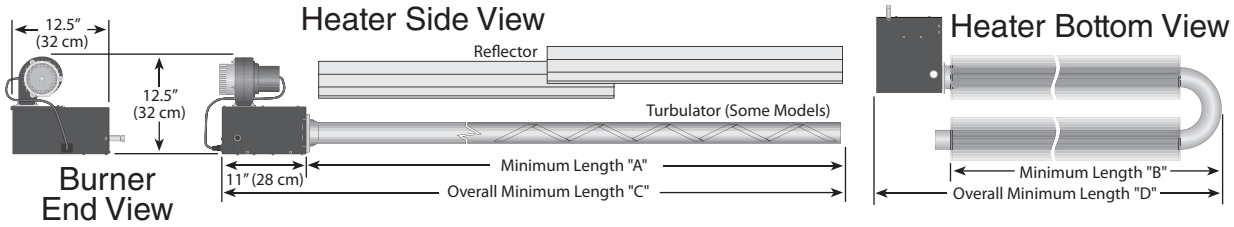




## HVAC Infrared BH-Series Technical Data



Model		BH-40	BH-60	BH-80	BH-100	BH-115
Minimum Length of Straight Tube*	[ft, in] A	10	20	20	30	30
Minimum Length of U-Tube*	[ft, in] B	N/A	11, 7	11, 7	16, 7	16, 7
Overall Minimum Length of Straight Tube*	[ft, in] C	10, 11	20, 11	20, 11	30, 11	30, 11
Overall Minimum Length of U-Tube*	[ft, in] D	N/A	12, 6	12, 6	17, 6	17, 6

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

Input (Btu/h) x (1000)		BH-40	BH-60	BH-80	BH-100	BH-115
Inlet Pressure	[in wc] NG min.	4.6	4.6	4.6	4.6	4.6
	LPG Propane min.	11	11	11	11	11
	NG & LPG Propane max.	14	14	14	14	14
Gas Connection	NPT	1/2"	1/2"	1/2"	1/2"	1/2"

Model		BH-125	BH-140	BH-150	BH-175	BH-200
Minimum Length of Straight Tube*	[ft, in] A	40	40	50	50	60
Minimum Length of U-Tube*	[ft, in] B	21, 7	21, 7	26, 7	26, 7	31, 7
Overall Minimum Length of Straight Tube*	[ft, in] C	40, 11	40, 11	50, 11	50, 11	60, 11
Overall Minimum Length of U-Tube*	[ft, in] D	22, 6	22, 6	27, 6	27, 6	32, 6

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



### HVAC Infrared BH-Series Technical Data

Input (Btu/h) x (1000)	BH-125	BH-140	BH-150	BH-175	BH-200
<b>Inlet Pressure</b> [in wc] NG min.	4.6	4.6	4.6	5	5
LPG Propane min.	11	11	11	11	11
NG & LPG Propane max.	14	14	14	14	14
<b>Gas Connection</b> NPT	1/2"	3/4"	3/4"	3/4"	3/4"

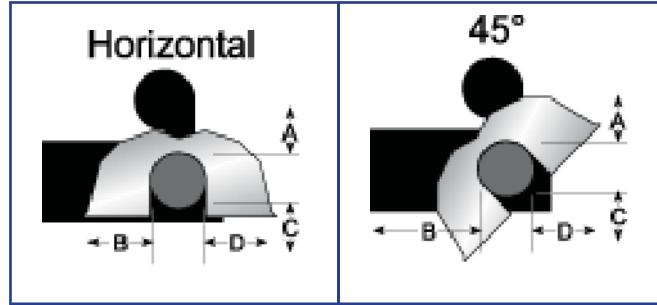
### Weights

<b>Overall Length of Tube and Accessory Packages</b> [ft]	10	20	30	40	50	60	70	80
Hot Rolled or Aluminized Tube with Aluminum Reflector [lb]	52	86	120	161	206	240	281	322
Aluminized Tube with Stainless Steel Reflector [lb]	66	113	152	208	265	304	360	416
Burner [lb]	29							
Aluminized U-Tube with Aluminum End Caps [lb]	19							
Aluminized U-Tube with Stainless Steel End Caps [lb]	20							
Fuel	NG or LPG Propane							
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 or Heat Treated Aluminized Tubing]							
Exhaust Flue dia	4"							
Reflector and End Caps	.024 Aluminum [Optional - Stainless Steel Type 304]							
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)							



## HVAC Infrared BH-Series Technical Data

### Clearances to Combustibles \*\* [in]



Model	BH-40		BH-60		BH-80		BH-100		BH-115/125		BH-140/150		BH-175/200	
	Horiz.	45°	Horiz.	45°	Horiz.	45°	Horiz.	45°	Horiz.	45°	Horiz.	45°	Horiz.	45°
<b>A</b>	<b>6</b>	<b>8</b>	6	8	6	8	6	10	6	10	6	12	8	12
<b>B</b>	<b>27</b>	<b>8</b>	35	8	38	8	40	8	46	8	50	8	52	8
<b>C</b>	<b>52</b>	<b>50</b>	65	59	65	65	70	73	76	77	79	83	82	85
<b>D</b>	<b>27</b>	<b>46</b>	35	54	38	60	40	64	46	69	50	74	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