

# U-TUBE & LINEAR

## Low-Intensity Radiant Heaters

**Linear**



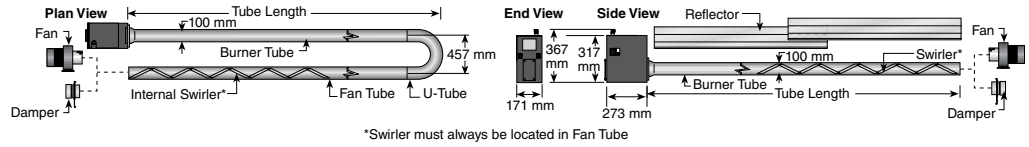
**U-Tube**

- Suitable for most applications due to wide range of burner inputs and tube lengths
- Longer life provided by durable components such as heat treated aluminised tube
- Easy installation with quick fix coupling



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**Call: +44 (0) 121 556 4495**  
**[www.radiantservices.co.uk](http://www.radiantservices.co.uk)**



Model		RADIANT SERVICES™ U-TUBE								RADIANT SERVICES™ LINEAR							
		BH 15UT	BH 20UT	BH 25UT	BH 30UT	BH 35UT	BH 40UT	BH 45UT	BH 50UT	BH 15ST	BH 20ST	BH 25ST	BH 30ST	BH 35ST	BH 40ST	BH 45ST	BH 50ST
Input	[kW]	15	20	25	30	35	40	45	50	15	20	25	30	35	40	45	50
Overall Length	[mm]	3822	5346	5346	6870	6870	6870	8394	8394	6661	9709	9709	12757	12767	12767	15815	15850
Weight	[kg]	39	54	54	65	65	66	96	96	41	55	55	68	68	68	81	81
Gas Consumption	[m <sup>3</sup> /h]**																
Natural	[G20]	1.4	1.9	2.4	2.9	3.4	3.8	4.3	4.8	1.4	1.9	2.4	2.9	3.4	3.8	4.3	4.8
Natural	[G25]	1.7	2.2	2.8	3.3	3.9	4.4	5.0	5.5	1.7	2.2	2.8	3.3	3.9	4.4	5.0	5.5
LPG Butane	[G30]	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.4	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.4
LPG Propane	[G31]	0.6	0.8	0.9	1.1	1.3	1.5	1.7	1.9	0.6	0.8	0.9	1.1	1.3	1.5	1.7	1.9
Fuel		NG (G20), (G25); LPG Propane or Butane (G30), (G31)															
Inlet Pressure	[mbar]	(G20) - 15 & (G25) - 17.5															
		Butane (G30) & Propane (G31) - 32.5															
	NG & LPG max.	50															
Gas Connection	[ISO 7-Rc]	½"															
Electrical Supply		230 V, 50 Hz, 1 Ø, 1 A															
Heat Exchanger Tubing		3 m Sections, 100 mm dia, 16 Gauge, First 3 m Aluminised Steel Tubing (Remaining Heat Treated Aluminised Mild Steel Tubing)															
Exhaust Flue [opt] OD	[mm]	100															
Reflector and End Caps		NS3H14 Aluminium (or 1.4016 2R Stainless Steel as Option)															
Ignition		Fully Automatic, Single Try, Direct Spark, 100% Shut Off Ignition Flame Rectification Module, Volatile Lock-Out															
Approved As		Flueless or Flued															
CE Standard		EN 416															
Accessories		Lockout Indication (230V signal)															

\*\*Based on Gross Calorific Value

**Clearances to Combustibles \*\*\* [mm]**

Model		BH15UT	BH20UT	BH25UT	BH30UT	BH35UT	BH40UT	BH45UT	BH50UT	Model	BH15ST	BH20ST	BH25ST	BH30ST	BH35ST	BH40ST	BH45ST	BH50ST
Horizontal	A	150	150	150	150	150	150	200	200		150	150	150	150	150	150	200	200
	B	890	970	970	1020	1170	1220	1270	1380		890	970	970	1020	1170	1220	1280	1330
	C	1580	1730	1730	1910	1980	2050	2110	2210		1570	1650	1650	1780	1930	1970	2010	2080
	D	760	940	940	1000	1090	1150	1200	1300		890	970	970	1020	1170	1220	1280	1330
45°	A	200	200	200	200	200	200	200	200		200	200	200	250	250	275	300	300
	B	200	200	200	200	200	200	200	200		200	200	200	200	200	200	200	200
	C	1500	1650	1650	1860	1960	2040	2110	2160		1500	1660	1660	1860	1960	2030	2110	2160
	D	1070	1170	1170	1320	1550	1620	1680	1780		1370	1520	1520	1630	1750	1820	1880	2000

\*\*\*Clearances B, C and D can be reduced by 50% for locations 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, Commissioning, Operation and Service Manual.

**Installation Code and Annual Inspections:**

All installation and service of RADIANT SERVICES™ equipment must be performed by a contractor qualified in the installation and service of equipment sold and supplied by Radiant Services Limited and conform to all requirements set forth in the RADIANT SERVICES™ manuals and all applicable governmental authorities pertaining to the installation, service and operation of the equipment. To help facilitate optimum performance and safety, Radiant Services Limited recommends that a qualified contractor conduct, at a minimum, annual inspections of your RADIANT SERVICES™ equipment and perform service where necessary, using only replacement parts sold and supplied by Radiant Services Limited.

**Further Information:**

Applications, engineering and detailed guidance on systems design, installation and equipment performance is available through RADIANT SERVICES™ representatives. Please contact us for any further information you may require, including the Installation, Commissioning, Operation and Service Manual.

**These products are not for residential use.**

**This document is intended to assist licensed professionals in the exercise of their professional judgment.**

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