

# Blackheat® U-Tube and Linear

Low-Intensity Radiant Heaters

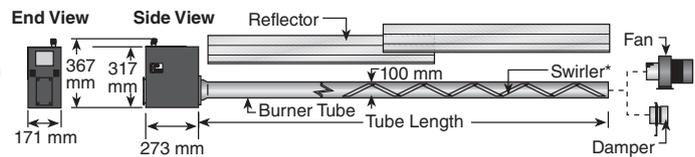
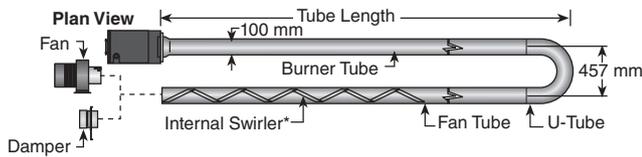
U-Tube ▼



Linear ▼



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



\*Swirler must always be located in Fan Tube

**BLACKHEAT® U-Tube**

**BLACKHEAT® Linear**

Model	BH15UT	BH20UT	BH25UT	BH30UT	BH35UT	BH40UT	BH45UT	BH50UT	BH15ST	BH20ST	BH25ST	BH30ST	BH35ST	BH40ST	BH45ST	BH50ST
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 [m³/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]	NG min. (G20) - 15 & (G25) - 17.5 LPG min. 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	Optional Lockout Indication (Volt Free Contacts)															

\*\*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, Operation and Service Manual.

**Installation Code and Annual Inspections:**

All installations and service of ROBERTS GORDON® products must be performed by a contractor qualified in the installation and service of products sold and supplied by Roberts-Gordon and conform to all requirements set forth in the ROBERTS GORDON® manuals and all applicable governmental authorities pertaining to the installation, service and operation of the equipment. To help facilitate optimum performance and safety, Roberts-Gordon recommends that a qualified contractor annually inspect your ROBERTS GORDON® products and perform service where necessary, using only ROBERTS GORDON® replacement parts.

**Further Information:** Applications, engineering and detailed guidance on systems design, installation and product performance is available through ROBERTS GORDON® representatives. Please contact us for any further information you may require, including the Installation, Operation and Service Manual.

**This product is not for residential use.**

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

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