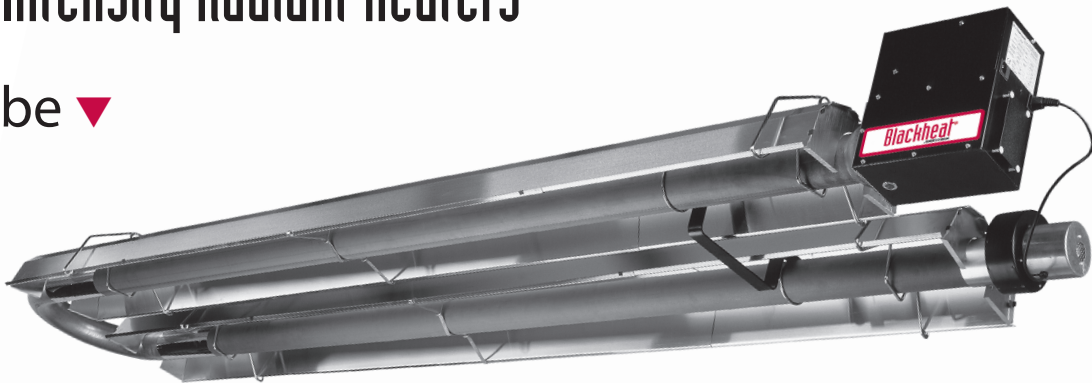


Blackheat® U-Tube and Linear

Low-Intensity Radiant Heaters

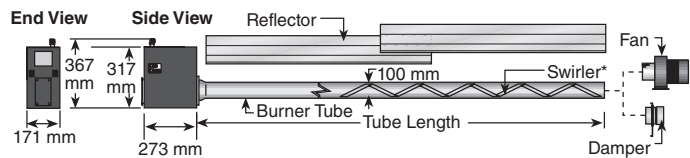
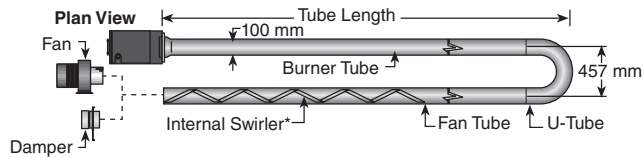
U-Tube ▼



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

Model	BLACKHEAT® U-Tube								BLACKHEAT® Linear							
	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	N53H14 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 installation and service of ROBERTS GORDON® equipment must be performed by a contractor qualified in the installation and service of equipment 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 conduct, at a minimum, annual inspections of your ROBERTS GORDON® equipment and perform service where necessary, using only replacement parts sold and supplied by Roberts-Gordon.

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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