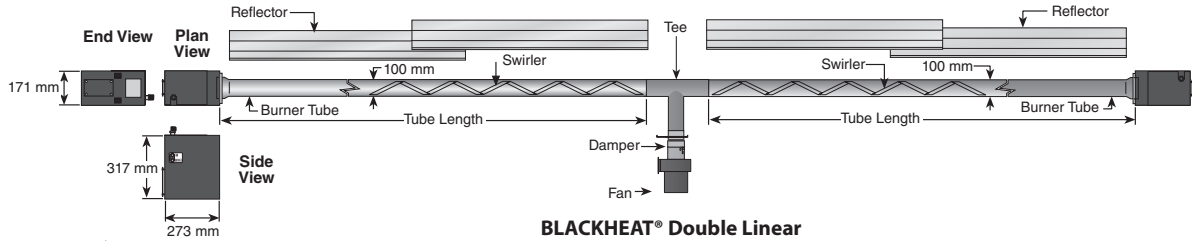


Blackheat® Double Linear

Low-Intensity Radiant Heaters



- Reduced building penetrations and installed cost as a result of multiple burners per pump
- Longer life provided by durable components such as heat treated aluminised tube
- Easy installation with quick fix coupling

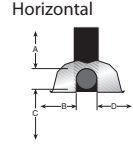
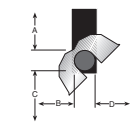


BLACKHEAT® Double Linear

Model	BH30DL	BH40DL	BH50DL	BH60DL	BH70DL
Input [kW]	30	40	50	60	70
Overall Length [mm]	13462	19558	19558	25654	25654
Weight [kg]	82	110	110	136	136
Gas Consumption [m ³ /h]*					
Natural [G20]	2.9	3.8	4.8	5.7	6.7
Natural [G25]	3.3	4.4	5.5	6.7	7.8
LPG Butane [G30]	0.9	1.1	1.4	1.7	2.0
LPG Propane [G31]	1.1	1.5	1.9	2.3	2.6
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		BH30DL	BH40DL	BH50DL	BH60DL	BH70DL
 Horizontal	A	150	150	150	150	150
	B	890	970	970	1020	1170
	C	1570	1650	1650	1780	1930
	D	890	970	970	1020	1170
 45°	A	200	200	200	250	250
	B	200	200	200	200	200
	C	1500	1660	1660	1860	1960
	D	1370	1520	1520	1630	1750

**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 equipment 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 judgment.

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