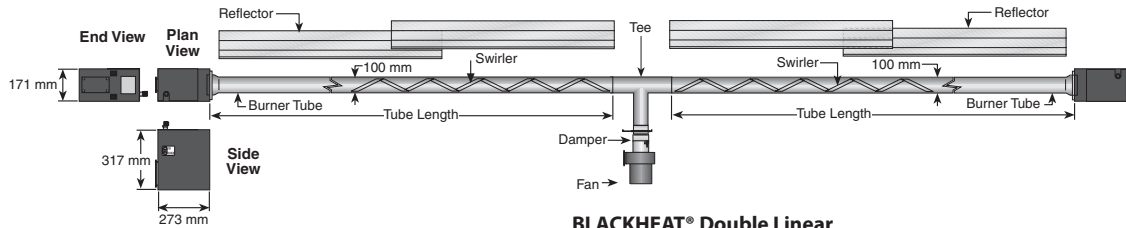


# Blackheat® Double Linear

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 <sup>3</sup> /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 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.

**Roberts Gordon Europe Limited**

Oxford Street  
 Bilston, West Midlands WV14 7EG UK  
 Telephone: +44(0) 1902 494425  
 Fax: +44(0) 1902 403200  
 Service Telephone: +44(0) 1902 498733  
 Service Fax: +44(0) 1902 401464  
 E-mail: uksales@rg-inc.com  
 E-mail: export@rg-inc.com

**Corporate Headquarters (USA)**

Roberts-Gordon, LLC  
 Telephone: +1 716.852.4400  
 Fax: +1 716.852.0854