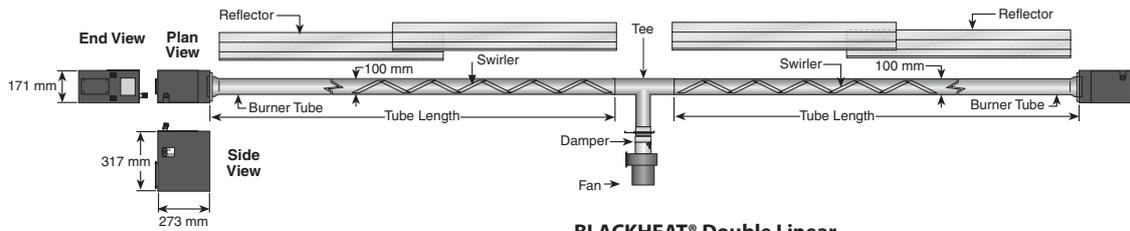


Blackheat® Double Linear

Low-Intensity Radiant Heaters



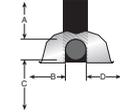
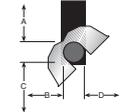
- Reduced building penetrations and installed cost as a result of multiple burners per pump
- Longer life provided by durable components such as heat treated aluminised tube
- Easy installation with quick fix coupling



Model	BH30DL	BH40DL	BH50DL	BH60DL	BH70DL
Input [kW]	30	40	50	60	70
Overall Length [mm]	13462	19558	19558	25654	25654
Fuel	Natural Gas G20, G25; Propane or Butane Gas G30, G31				
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
Inlet Pressure [mbar]					
Natural Gas [G20]	15 Minimum, 50 Maximum				
Natural Gas [G25]	17.5 Minimum, 50 Maximum				
LPG Butane [G30]	32.5 Minimum, 50 Maximum				
LPG Propane [G31]	32.5 Minimum, 50 Maximum				
Gas Connection [ISO 7-Rc]	½	½	½	½	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	100	100	100	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)				
Weight [kg]	82	110	110	136	136

*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 BLACKHEAT® Double Linear 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 gas-fired heating equipment 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 BLACKHEAT® Double Linear Installation, Operation and Service Manual.

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