

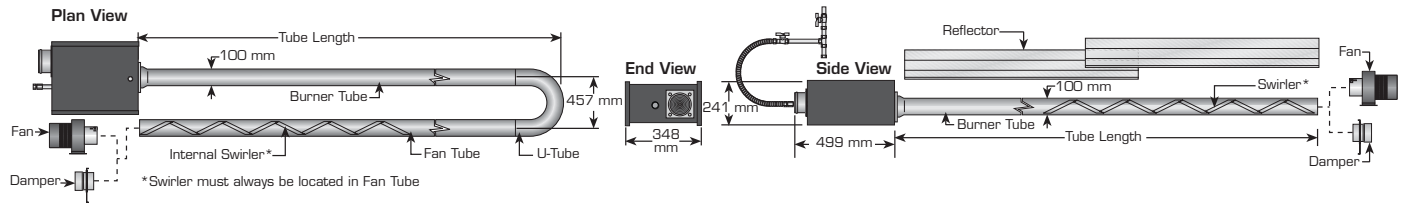


- Bathes customers in warmth helping to keep them comfortable and extending their stay
- Energy efficient from heating tables, chairs and objects rather than the air
- Maximises profits by extending your facility without the construction expense
- Minimises maintenance costs due to protection of internal burner components against dust and water
- Withstands harsh weather due to durable components such as heat treated aluminised tube

**IP55  
PROTECTED  
BURNER BOX**

# Blackheat® AG U-Tube & Linear

**Outdoor Low-intensity Radiant Heaters for Cafes and Pubs**



Model	BLACKHEAT® AG U-Tube								BLACKHEAT® AG Linear							
	AG15UT	AG20UT	AG25UT	AG30UT	AG35UT	AG40UT	AG45UT	AG50UT	AG15ST	AG20ST	AG25ST	AG30ST	AG35ST	AG40ST	AG45ST	AG50ST
Input (kW)	15	20	25	30	35	40	45	50	15	20	25	30	35	40	45	50
Overall Length (mm)	4048	5572	5572	7096	7096	7096	8620	8620	6887	9935	9935	12983	12983	13028	16076	16076
Fuel	Natural Gas G20, G25; Propane or Butane Gas G30, G31															
Gas Consumption (m <sup>3</sup> /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	1.0	1.1	1.3	1.5	1.7	1.9	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
Inlet Pressure (mbar)																
Natural Gas (G20)	15 Minimum, 50 Maximum															
Natural Gas (G25)	17.5 Minimum, 50 Maximum															
LPG Butane Gas (G30)	32.5 Minimum, 50 Maximum															
LPG Propane Gas (G31)	32.5 Minimum, 50 Maximum															
Gas Connection (ISO 7-Rp)	1/2															
Electrical Supply	230 V, 50 Hz, 1 Ø, 1 A															
Electrical Connection	Minimum IP55 Junction Box															
Burner	IP55 Protected (Optional Stainless Steel)															
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 OD (mm)	100															
Outside Air Supply	Mandatory															
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															
Approved As	Flueless or Flued															
CE Standard	EN 416															
Accessories	Optional Lockout Indication (Volt Free Contacts)															
Weight (kg)	39	54	54	65	65	66	96	96	41	55	55	68	68	68	81	81

\*Based on Gross Calorific Value

**Clearances to Combustibles\*\* (mm)**

Model	AG15UT	AG20UT	AG25UT	AG30UT	AG35UT	AG40UT	AG45UT	AG50UT	Model	AG15ST	AG20ST	AG25ST	AG30ST	AG35ST	AG40ST	AG45ST	AG50ST		
Horizontal 	A	150	150	150	150	150	200	200	Horizontal 	A	150	150	150	150	150	150	200	200	
	B	890	970	970	1020	1170	1220	1270		1380	B	890	970	970	1020	1170	1220	1280	1330
	C	1580	1730	1730	1910	1980	2050	2110		2210	C	1570	1650	1650	1780	1930	1970	2010	2080
	D	760	940	940	1000	1090	1150	1200		1300	D	890	970	970	1020	1170	1220	1280	1330
45° 	A	200	200	200	200	200	200	200	45° 	A	200	200	200	250	250	275	300	300	
	B	200	200	200	200	200	200	200		200	B	200	200	200	200	200	200	200	200
	C	1500	1650	1650	1860	1960	2040	2110		2160	C	1500	1660	1660	1860	1960	2030	2110	2160
	D	1070	1170	1170	1320	1550	1620	1680		1780	D	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 BLACKHEAT®AG U-Tube and Linear Installation, Operation and Service Manual.

**Installation Code:** ROBERTS GORDON® products are to be installed only in accordance with local laws, codes and regulations, and only by a contractor qualified in the installation and service of gas-fired heating equipment.

**Further Information:** Applications, engineering and detailed guidance on systems design, installation and product performance is available through Roberts-Gordon. Please contact us for any further information you may require, including the BLACKHEAT®AG U-Tube and Linear Installation, Operation and Service Manual.

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