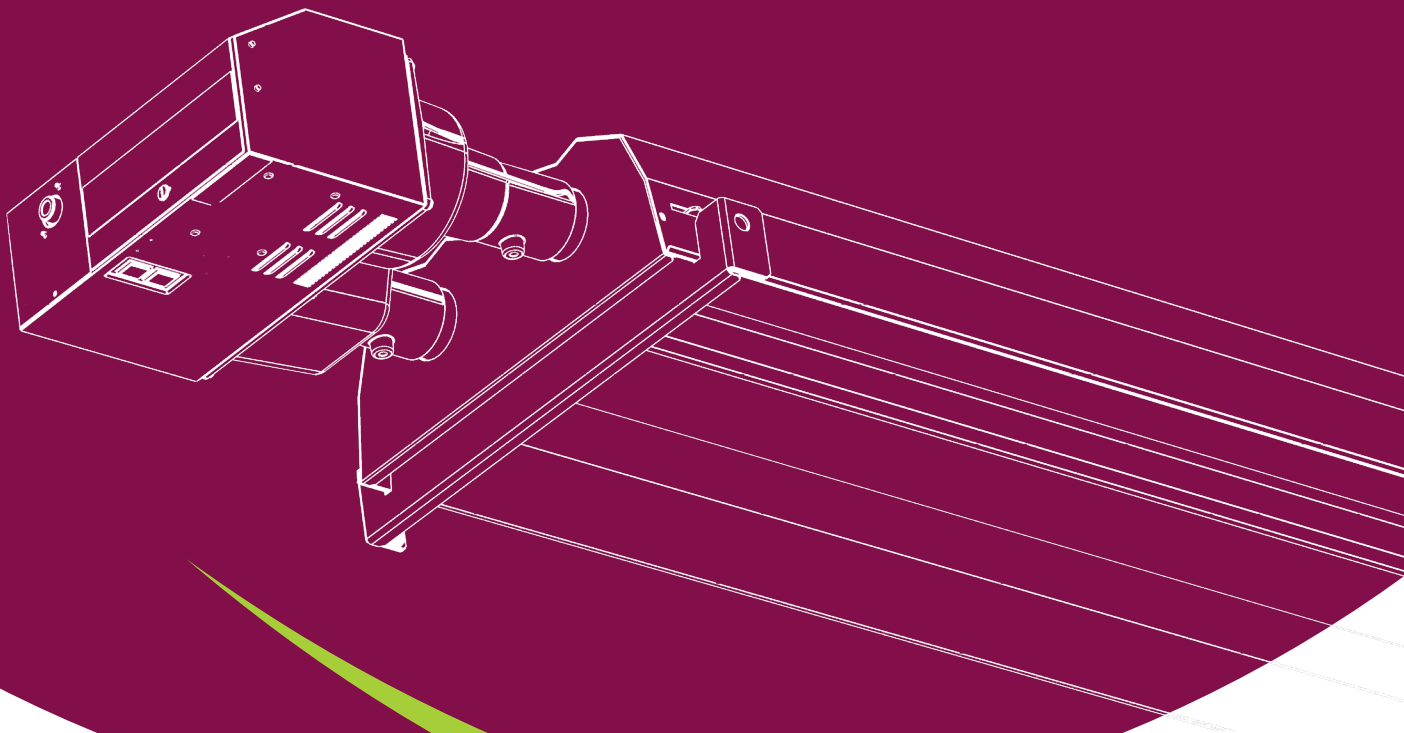


BTHE

THE CHOICE FOR PERFORMANCE



RADIANT 'U' TUBE

PRODUCT GUIDE

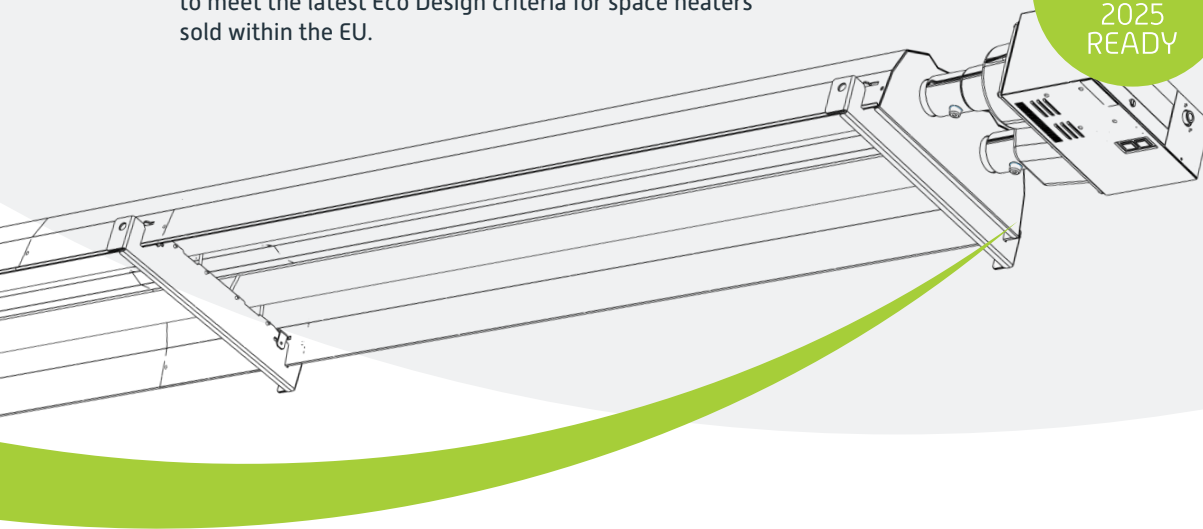
REZNOR®

THE CHOICE FOR PERFORMANCE

BTHE is our latest range of EU compliant, low NO_x, gas-fired radiant tube heaters. Fully CE certified for non-domestic installations, they are expertly engineered to meet the latest Eco Design criteria for space heaters sold within the EU.

+80%
SEASONAL
EFFICIENCY

ErP
2025
READY



Optimised radiation efficiency with innovative reflector technology



Deep profile reflector fitted with end caps to **reduce convective heat loss.**

Features

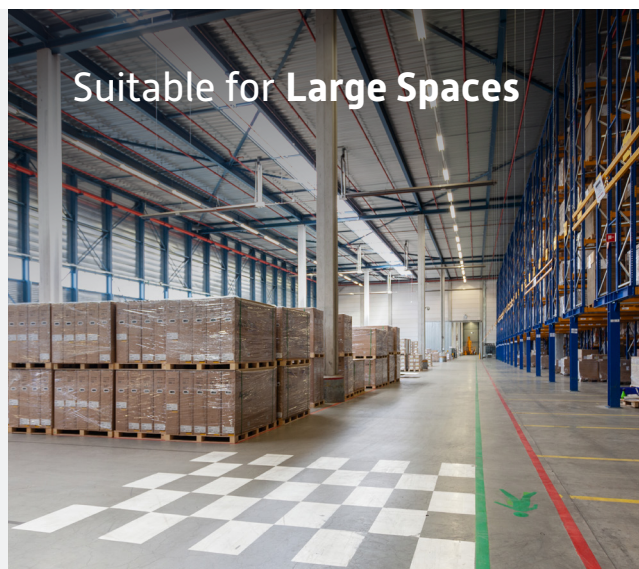
- Net heat inputs from 20kW to 40kW
- Lengths from 5.7m to 10.7m
- Circular tube for even heat output
- Turbulators
- Reflector end caps
- Suitable for A2, B22, B52, C12, C32 flue types

Benefits

- Quick and simple installation
- Cast aluminium monobloc burner design
- Controlled tube expansion
- Exclusive "Venturi" burner with long flame attachment and built-in electrode
- Suitable for global or zone heating
- Operating indicator LEDs visible from ground level
- Silent operation & Energy efficient

Technical Data

PERFORMANCE	MODEL	UNITS	BTHE20		BTHE35		BTHE40	
	Gas Type	-	Natural Gas [G20/G25]	Propane [G31]	Natural Gas [G20/G25]	Propane [G31]	Natural Gas [G20/G25]	Propane [G31]
	Nominal net heat input	kW PCI	20.0	19.9	35.0	35.0	40.5	40.5
	Nominal gross heat input	kW PCS	22.2	21.7	38.9	38.2	45.0	44.2
	Combustion efficiency	% PCI	>90	>89	>90	>90	>91	>91
	Radiation factor	-	>60	>59	>60	>60	>59	>57
	ErP seasonal space heating efficiency	ns >=80.0%	80.3%	80.5%	80.5%	82.2%	80.6%	80.9%
	NOx class EN416	-	3	2	3	2	3	2
	Weight	kg	79		130		173	
ELECTRICAL	Electrical Connection	-	230V / Single phase IP20					
	Fuse Protection	Amps	1 x 5A					
	Start Current	A	0.90					
	Run Current	A	0.23		0.25		0.26	
	Absorbed Power	W	51		52		55	
GAS & FLUE	Combustion Air / Flue	-	A2, B22, B52, C12, C32					
	Flue Connection	mm	Ø100					
	Gas Connection	-	G 3/4" ISO228					
MODELS	Natural Gas G20 / G25	-	BTHE20-N		BTHE35-N		BTHE40-N	
	Propane G31	-	BTHE20-P		BTHE35-P		BTHE40-P	



Suitable for Large Spaces

Options & Accessories

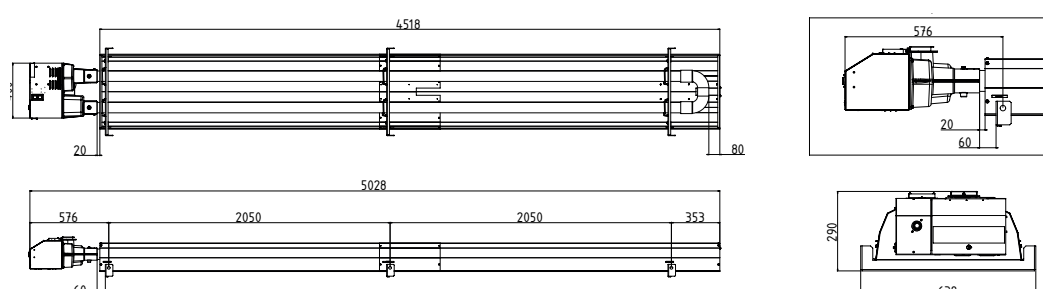
- Gas connection accessories
- Suitable for horizontal or wall mounting
- Ball guards
- Wide choice of controllers:
 - BMS
 - Remote reset
 - Fault reporting
 - Control of several devices

Technical Data

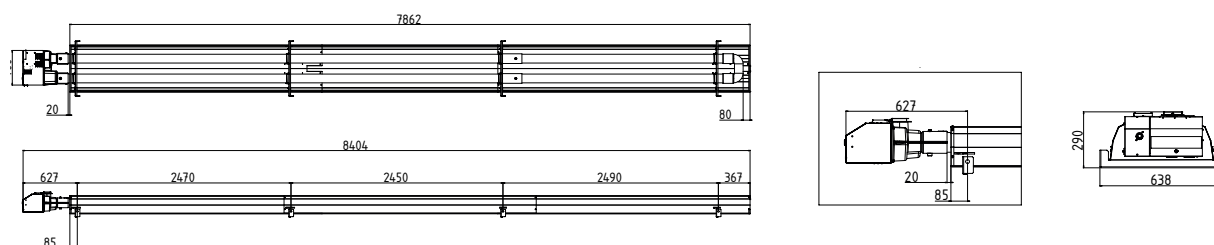
TYPE	BTHE20			BTHE35			BTHE40		
	Ø injector mm x 100	Injector pressure mbar	Gas flow at 15°C, 1013 mbar	Ø injector mm x 100	Injector pressure mbar	Gas flow at 15°C, 1013 mbar	Ø injector mm x 100	Injector pressure mbar	Gas flow at 15°C, 1013 mbar
Natural Gas G20	390	10.1	2.11 m ³ /h	530	8.7	3.70 m ³ /h	600	7.7	4.29 m ³ /h
Natural Gas G25	390	15.4	2.46 m ³ /h	530	13.5	4.31 m ³ /h	600	11.8	4.98 m ³ /h
Propane G31	260	25.2	1.55 kg/h	310	35.5	2.73 kg/h	343	33.6	3.16 kg/h

Dimensions

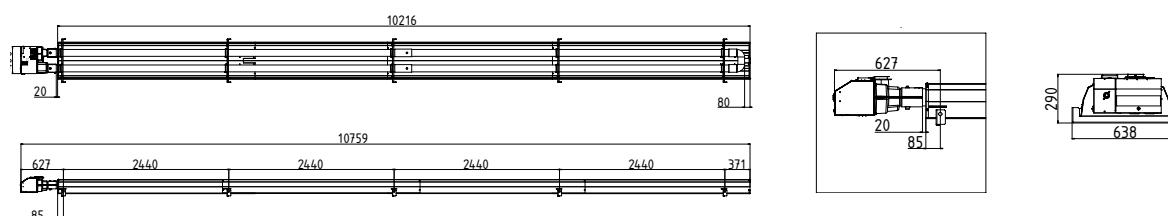
BTHE20



BTHE35



BTHE40



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