



**EPA**

**Gas Fired Push Burner U Tube and Linear Heaters**



***Innovation  
in design***



***Bespoke  
solutions  
made easy***

**Find Your perfect Heating Solution**

# EPA Radiant Tube Push Burner Series

Gas Fired U Tube and Linear Models



EPA U

EPA L

- Eight input ratings: 12kW to 55kW available in Linear and 'U' models
- Single and two stage burners available
- Push through system (positive pressure)
- Heat treated Aluminised Calorised emitter tube surface - for flake free and cleaner working environment
- Natural Gas and Propane
- Aluminium reflectors - the tested and proven superior material - designed to maximise downward radiant heating effect
- Lightweight construction - tubes supplied in 3m sections - easy to assemble and fit
- CE Approved
- Fan motor totally enclosed within burner box. Ideal for applications where minimal noise (less than 50dB) is desired
- Five year emitter tube guarantee
- Made in the UK under our ISO9001:2008 quality assured system - all units test fired before despatch
- Also available as an IP55 version with a stainless steel control box for harsh working environments

### TISS™

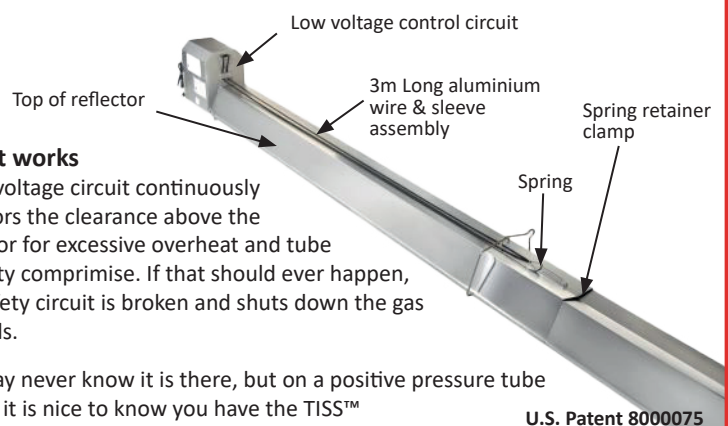
#### Tube Integrity Safety System

In the unlikely event of a tube failure, TISS™ has been designed to automatically shut-off the heater, providing greater safety and peace of mind.

#### How it works

A low voltage circuit continuously monitors the clearance above the reflector for excessive overheat and tube integrity compromise. If that should ever happen, the safety circuit is broken and shuts down the gas controls.

You may never know it is there, but on a positive pressure tube heater it is nice to know you have the TISS™

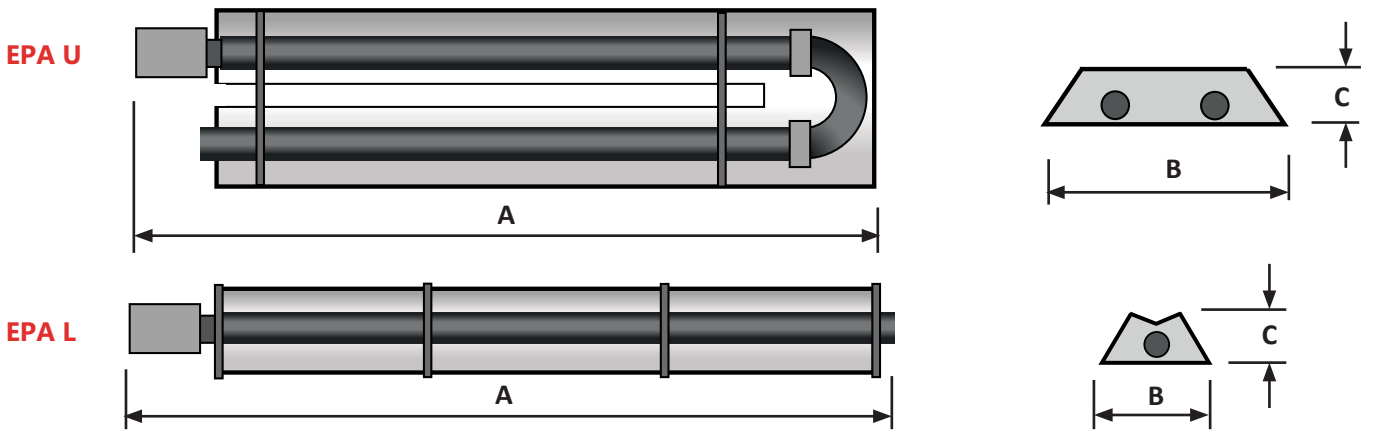


U.S. Patent 8000075

**SPECIFICATION GUIDE - EPA Series**

Models		EPA12	EPA15	EPA20	EPA25	EPA30	EPA38	EPA45	EPA55	
Heat Input	kW Hs	11.5	14.0	20.0	25.0	30.0	36.6	45.0	53.0	
	2 Stage low fire kW Hs	-				20.5	25.6	30.8	37.1	
	kW Hi	10.4	12.6	18.0	22.5	27.0	33.0	40.5	47.7	
	2 Stage low fire kW Hi	-				18.5	23.0	27.7	33.4	
Seasonal efficiency	ErP %	75.6	82.1	76.8	77.8	77.9	79.9	80.9	80.1	
	BREEAM %	91.0	91.2	85.3	86.4	86.5	88.7	89.8	89.0	
Gas connection	BSP	½"								
Maximum gas consumption	Nat gas G20 (m³/h)	1.10	1.33	1.91	2.38	2.86	3.49	4.29	5.05	
	LPG G30 (m³/h)	0.33	0.40	0.57	0.72	0.86	1.05	1.29	1.52	
Gas inlet pressure	mbar	Natural gas - 20mbar				LPG - 37mbar				
Flue connection	Ømm	100mm								
Inlet air connection	Ømm	101mm								
Supply voltage	V	230V 50Hz 1PH N & E Current rating 0.55A External fuse rating - 3A								

**Dimensional Data**



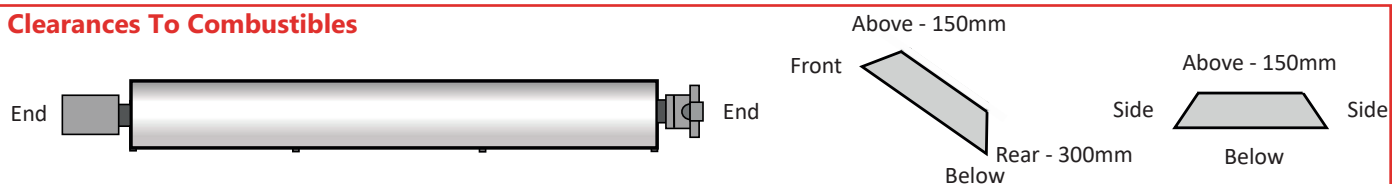
**DIMENSIONAL DATA - EPA Series**

Models	EPA 12	EPA 15	EPA 20	EPA 25	EPA 30	EPA 38	EPA 45	EPA 55	
Length (A) - U Tube	m	3.79	3.79 to 6.84		5.31 to 6.84	5.31 to 9.88	9740		
Length (A) - Linear	m	4.93 to 6.46	6.46 to 12.55		9.5 to 12.55	12.55 to 18.65		15.6 to 21.7	
Width (B)		790mm U tube models - 330mm Linear models							
Height (C)	mm	370							
Weight	kg	Refer to installation manual							

**RECOMMENDED MOUNTING HEIGHT RANGE (General Guidance only) - EPA Series**

Models	EPA 12	EPA 15	EPA 20	EPA 25	EPA 30	EPA 38	EPA 45	EPA 55
Horizontal mounting	m	2.4 to 6.0		3.0 to 8.0	3.8 to 10.0	4.0 to 12.5	5.6 to 15.0	6.0 to 15.0
Angled mounting >30°	m	2.1 to 4.5		2.7 to 5.0	3.3 to 7.0	3.7 to 8.0	4.8 to 11.0	5.2 to 11.0

**Clearances To Combustibles**



**MINIMUM CLEARANCES TO COMBUSTIBLE SURFACES - EPA Series**

Models	EPA 12	EPA 15	EPA 20	EPA 25	EPA 30	EPA 38	EPA 45	EPA 55	
Side	mm	560		710		860		1060	
Below	mm	1320	1420	1520		1780	2060	2180	
End	mm	380				510			
Front	mm	1020	1220	1320		1470	1680	1780	1910



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