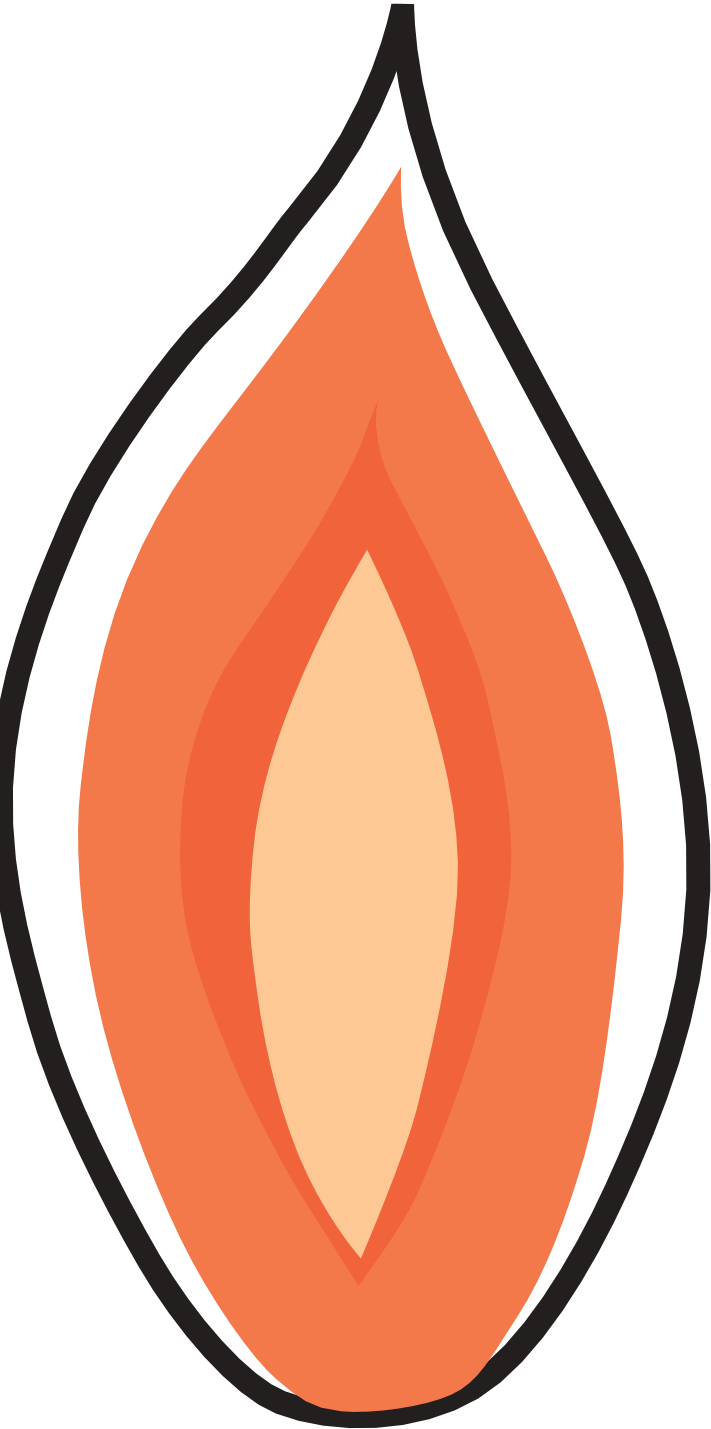


# **2000 Warm air heaters**

## **ROOM SEALED GAS UNIT HEATERS**



- **CE APPROVED**
- **ROOM SEALED COMBUSTION CIRCUIT**
- **STAINLESS STEEL HEAT EXCHANGER**
- **AUTOMATIC OPERATION**
- **EXTENDED GUARANTEES**
- **SPACE SAVING OFF FLOOR INSTALLATION**
- **CONTEMPORARY COMPACT DESIGN**
- **OPTIMISED CONTROL OPTION**
- **CENTRIFUGAL AND EXTERNAL VERSIONS AVAILABLE**

**From the company with the know - how**

 **Harry Taylor of Ashton Limited**

Warm air heating is long proven as a comfortable low cost heating solution for most industrial and commercial buildings. An increasing number of applications now call for 'room sealed' heaters, that is where air for combustion is drawn from outside. In response, the RSUH range of units has been introduced. The high specification, yet competitive, units have patented stainless steel heat exchangers, high efficiency burners and power vented flue.

**TECHNICAL DATA**

Model		50	80	105	140	200	260	325
Heat Output	kW	13.8	23.0	30.5	41.7	58.6	76.6	95.3
	Btu/h	47,000	78,500	104,000	142,500	200,000	261,500	325,000
Electrical Supply (RSUHA Models)	V/Ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Fuse rating (RSUHA Models)	amps	5	5	5	5	5	5	7
Flue Diameter Ø	mm	100	100	100	100	100	100	100
Combustion Air Diameter Ø	mm	160	160	160	160	160	160	160
O/A Height	mm	860	860	860	860	860	860	860
	ins	33.9	33.9	33.9	33.9	33.9	33.9	33.9
O/A Width	mm	610	665	745	825	1360	1720	1960
	ins	24.0	26.2	29.3	36.4	53.5	67.7	77.2
O/A Depth (RSUHA Models)	mm	850	850	850	850	900	900	900
	ins	33.5	33.5	33.5	33.5	35.4	35.4	35.4
Weight (RSUHA Models)	kg	65	67	73	92	138	171	205
	lbs	143	147	161	202	304	376	451
Throw (RSUHA Models)	m	12	14	18	26	32	35	37
	ft	40	46	59	85	105	115	121

**SPECIFICATION**

**APPLICATION:** a range of gas unit heaters designed for 'off floor' applications where a powered flue venter can overcome difficult siting or where combustion air is required to be drawn from outside. Suitable for factories, workshops, warehouses and many commercial premises.

**CASING:** manufactured from electro zinc coated steel sheet finished with a durable stove enamelled epoxy polyester powder paint.

**HEAT EXCHANGER:** of a unique patented design to provide high thermal efficiency combined with long service life each is formed and welded from AISI 430 stainless steel into a gas tight assembly and tested to confirm joint integrity to 150 mbar.

**BURNER:** high efficiency atmospheric multigas burner manufactured from stainless steel with electronic ignition and flame monitoring and protection via ionisation probe. lpg gas (Propane) options available.

**CONTROLS:** heaters are supplied ready for operation. Two optional time and temperature control consoles are available. An optimised control providing secure entry code, temperature dependent start time, digital time switch with override facility, day and night setback thermostats and switch to enable summer air movement. The second alternative is a non-optimised analogue control console. Both consoles are housed within a remote console for low level mounting.

**POWER FLUE:** the uniquely air cooled power flue venter as well as providing the room sealed capability of the heater also allows extended horizontal or vertical flue runs thereby maximising siting opportunities. Flues may be run independently or co-axially with incoming combustion air.

**AIR DISTRIBUTION:** via a quiet yet powerful axial fan gently discharging through a series of adjustable horizontal louvres directly into the area to be heated.

**TESTING:** every heater is individually inspected, test fired and safety function tested prior to despatch.

**GUARANTEE:** heaters are provided with one of the most comprehensive guarantee packages available.

- YEAR ONE: parts & labour
- YEAR TWO: parts
- TEN YEAR: combustion chamber heat exchanger warranty



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