

# OUIH OIL FIRED UNIT HEATERS

The OUIH range of Oil Unit Heaters are indirect oil fired suspended warm air heaters with a stainless steel heat exchanger as standard and a downwards high/low firing pressure jet oil burner.

The OUIH heater can be supplied in axial fan freeblowing format, to be installed directly into the space to be heated, or with centrifugal fan for ducted applications. The OUIH range of oil fired unit heaters is comprised of 4 models with outputs ranging from 20kW to 60kW.

The range has been designed for use in factory or warehouse premises where oil firing is a requirement and floor space is at a premium.

## Models Available

- OUIH F - Freeblowing Oil Unit Heater
- OUIH C - Centrifugal Oil Unit Heater
- OUIH D - Ducted Oil Unit Heater



*All the heat you need!*



A suitable solution for  
any heat request!



*All the heat you need!*

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# OUH Product Features

- The proven design and years of longevity make the OUH a leading recommendation for the HVAC installer. With simply maintenance access and ease of installation, the OUH is the perfect heating solution for buildings with oil only available.
- The latest ErP regulations demand reduced NOx and increased seasonal efficiency, OUH meets these standards by utilising state of the art burners, air movement and control technology whilst maintaining the temperature rises required in cabinet heater installations.
- Axial fan heaters are fitted with a single fan set and discharge warmed air directly into the heated space via adjustable horizontal louvers. Vertical louvres are available as an option where lateral air discharge is required. Centrifugal fan models benefit from a close coupled fan which discharges warmed air via a duct outlet spigot suitable for the onward connection of ductwork.

# Specification

- OUH heaters are type tested and CE approved. In addition CPx heaters heaters made available to the market from September 2018 onwards comply with the requirements of the Directive 2009/125/EC - Lot 21 Tier 1.
- The robust and proven heat exchanger is manufactured as standard from 304 grade stainless steel and lifecycle tested to ensure long service life.
- Powrmatic working alongside market leading burner manufacturer Riello now utilise a pre-fitted and tested low NOx, high-low control "Gulliver" burner as standard.



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# Technical Performance

MODEL			20	30	45	60	
	High Fire (Max)	kW	20	30	45	60	
Output (nominal)	Low Fire (Min)	kW	16	24	34	45	
Volume	OUH F	m <sup>3</sup> /s	0.7	0.82	1.19	1.94	
	OUH C	m <sup>3</sup> /s	1	0.82	1.19	1.88	
Airflow	Throw	OUH F	m	8.5	16	25	34
	Fan Static	OUH C	Pa	275	305	275	384
Supply	Standard	V/ph/Hz	230/1/50				
	Optional	V/ph/Hz	415/3/50				
Electrics	Run Current	OUH F	amp	0.94	0.46	0.48	1.7
		OUH C	amp	4.3	4.33	5.54	8
Fuel Oil	Connection		BSP/Rc	¼			
	Consumption		l/h	2.18	3.18	5.32	6.7
Mounting Height	OUH F	Min	m	2.5		3	
		Max	m	3		5	
	Height		mm	806	1043	1049	1049
Overall Dimensions	Width		mm	555	780	780	780
		Depth	OUH F	mm	868	1106	1115
	OUH C		mm	1163	1470	1469	1469
Installation Clearances	Top		mm	1000			
	Side		mm	500			
	Rear		mm	400			
Flue diameter		mm ø	100	125			
Combustion Air Spigot		mm ø	150				
Maximum Combustion Duct Length *		m	120	100	81	21	
Noise Level - OUH F models		dB(A)	46	54	52	53	
Nett Weight	OUH F	kg	53	126	126	126	
	OUH C	kg	91.5	142	142	142	
	Model		20	30	45	60	



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