



FLEXIHEAT UK LTD

www.flexiheatuk.com

01202 822221

OIL UNIT HEATER

Suspended fuel oil air heater



ADVANTAGES OF OUR OIL UNIT HEATER

- ✓ **10 YEARS GUARANTEE** on the exchanger and the combustion chamber **
- ✓ **AUTONOMOUS** in its operation
- ✓ **EASY** to be installed
- ✓ **SUITABLE** for various applications
- ✓ **NOISELESS** during its functioning
- ✓ **HIGH EFFICIENCY > 90%**
- ✓ **FUEL TYPE: Oil**
- ✓ **AVAILABLE TWO-STAGE VERSION** for models GE/GC 85 and 100
- ✓ **OVERSIZED CAPACITY AND PRESSURE** for the version GC Centrifugal Fan (if required)

TWO TYPES OF VENTILATION

GE are units with axial fans for the heating of all types of environment

GC are units with centrifugal fans for the heating of environments with ductwork

OIL UNIT HEATER : Technical features

High efficiency operation > 90% with light diesel oils.

The new stainless steel combustion chamber is able to guarantee high efficiency and reduced load losses.

The dimensions of the heater have been reduced and it does not take so much space. Thanks to its new design it is suitable for all the kinds of environments.

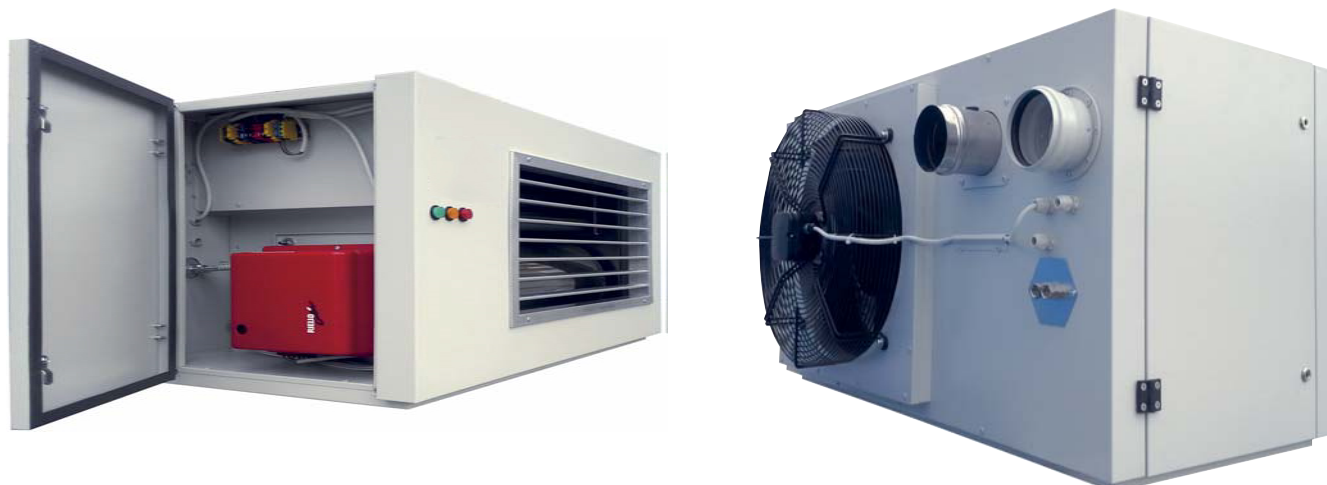
The air heater is CE certificated for type C installation (external air intake and fume exhaust with airtight connections).

The oil burner is positioned in a separated housing, easy to be inspected, airtight, with IP45 electrical protection.

* The guarantee depends on regular maintenance

** **ON/OFF operation for all the diesel oil model, also if combined with INET control panel**

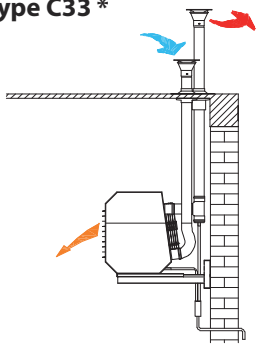
Model	FHOUH	25 GE/GC	35 GE/GC	45 GE/GC	55 GE/GC	65 GE/GC	85 GE/GC	100 GE/GC	
Max. thermal power capacity	kW	22	32	42	50	62	80	101	
Min. thermal power capacity	kW	16	22	30	35	44	56	70	
Thermal capacity	kW	20	29,5	27,6	46	57	73,6	92,9	
Combustion Efficiency	%	91	92	92	92	92	92	92	
Fuel Type		OIL							
CO	Mg/kWh	30			25		20		
NOx	Mg/kWh	220			180		170		
Fuel connections diameter	inc.	1/2 + 1/2							
Electrical power supply	V/Hz	230/50							
Electrical power (GE models)	W	260	350	560	410	690	1.120	1.480	
Electrical power (GC models)	W	540	580	1.120	1.140	1.160	2.260	2.580	
GE Air treated capacity	m ³ /h	2.900	3.600	4.500	5.800	7.000	9.000	11.000	
GC Air treated capacity	m ³ /h	2.200	2.800	4.000	5.100	5.800	8.100	9.600	
Q.ty of fans GE/GC	Nr.	1/1	1/1	1/1	1/1	2/2	2/2	2/2	
Air throw - GE	m	13	17	19	23	25	27	30	
Total pressure - GC (standard)	Pa	80	90	110	110	120	130	130	
Heating drop (standard)	°C	30							
Fumes pipe / Suction pipe diameter	mm	100 / 100					130 / 130		
Installation type		B 23 - C13 - C33 - C53							
Working temperature	°C	0° / 30°							
Noise Level (at 5 m) (GE models)	dB	51	52	57	58	59	60	61	
Weight mod. GE	kg	69	75	89	118	128	192	212	
Weight mod. GC	kg	75	86	102	136	148	212	236	
BURNERS TECHNICAL FUTURES									
Oil burner single stage	Riello	RG 0.3		RG 1 NR			RG 2		
Electrical absorption of burner	A	0,85		0,9			0,9		
Rpm motor	RPM	2.750			2.750		2.720		
Calorific fuel power	kWh/kg	11,8							
Fuel density	kg/d ³	0,85							
Fuel viscosity at 20 °C max	mm ² /s	6							
Fuel flow rate min. / max	kg	1,8/3,2		1,7/5			4/10		
Pump working range	bar	8/15							
Two-stage oil burner	Riello	not available					RG 2 D		
Max. Thermal power 2 nd stage	kW	not available					85	105	
Min. Thermal power 1 st stage	kW	not available					56	70	



TYPES OF INSTALLATION AIR/FUMES DUCTS

Roof installation with 2 separated tubes

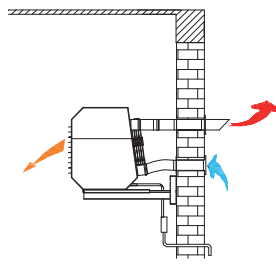
Type C33 *



Model	Ø [mm]	Lmax [m]
Eolo 15	100	12
Eolo 25	100	11
Eolo 35	100	10
Eolo 45	100	9
Eolo 55	100	14
Eolo 65	100	12
Eolo 85	130	12
Eolo 100	130	9

Wall installation with 2 separated tubes

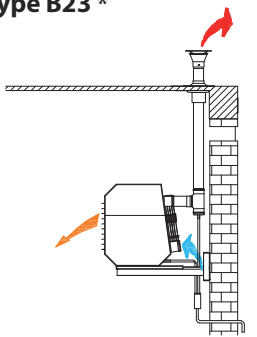
Type C13



Model	Ø [mm]	Lmax [m]
Eolo 15	100	14
Eolo 25	100	12
Eolo 35	100	11
Eolo 45	100	10
Eolo 55	100	15
Eolo 65	100	14
Eolo 85	130	17
Eolo 100	130	12

Roof installation with 1 tube

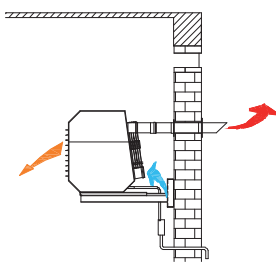
Type B23 *



Model	Ø [mm]	Lmax [m]
Eolo 15	100	25
Eolo 25	100	25
Eolo 35	100	21
Eolo 45	100	12
Eolo 55	100	20
Eolo 65	100	18
Eolo 85	130	25
Eolo 100	130	18

Wall installation with 1 tube

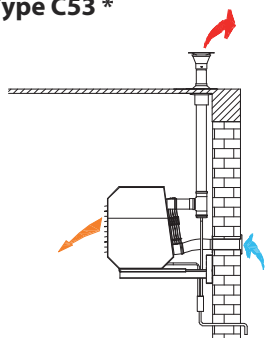
Type B23



Model	Ø [mm]	Lmax [m]
Eolo 15	100	25
Eolo 25	100	25
Eolo 35	100	24
Eolo 45	100	26
Eolo 55	100	24
Eolo 65	100	22
Eolo 85	130	28
Eolo 100	130	21

Mixed application

Type C53 *



Model	Ø [mm]	Lmax [m]
Eolo 15	100	16
Eolo 25	100	13
Eolo 35	100	10
Eolo 45	100	10
Eolo 55	100	15
Eolo 65	100	12
Eolo 85	130	15
Eolo 100	130	11

OPTIONAL ACCESSORIES



Standard Wall Bracket



Separated Chimney



Room Thermostat



Digital Control Panel



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