

Cartivel

FORNAX Oil Fired Unit Heaters



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Sales Brochure

Fornax

Oil Fired Unit Heaters

The Cartivel Fornax range of suspended oil fired warm air heaters have been designed for use in industrial and commercial buildings. In addition, they can be used in other applications such as leisure and horticultural.

Fornax oil fired suspended heaters can be supplied for use with 35 sec, 28 sec, or HVO fuel options. Heat outputs range from 30kW to 200kW, with seven models in the range.

All Fornax oil fired heaters have combustion chambers and heat exchangers manufactured in 304 grade stainless steel. In addition, all heaters are supplied with a high efficiency high-low burner.

Heaters are fully compliant with the requirements of ErP 2021 Lot 15 in terms of efficiency and NOx emissions.



The 'Supercell' combustion chamber and heat exchanger module is housed in a powder coated pentapost frame, with double skin panels.

Standard freeblowing model Fornax heaters are fitted with powerful yet quiet axial fans with a horizontal louvred outlet. For ducted applications, the heaters are fitted with EC motor centrifugal fans.

Fornax heaters are supplied with top suspension points which accept M12 threaded drop rods. The heaters can also be mounted on wall brackets.

Cartivel recommends the use of destratification fans with warm air heating systems.

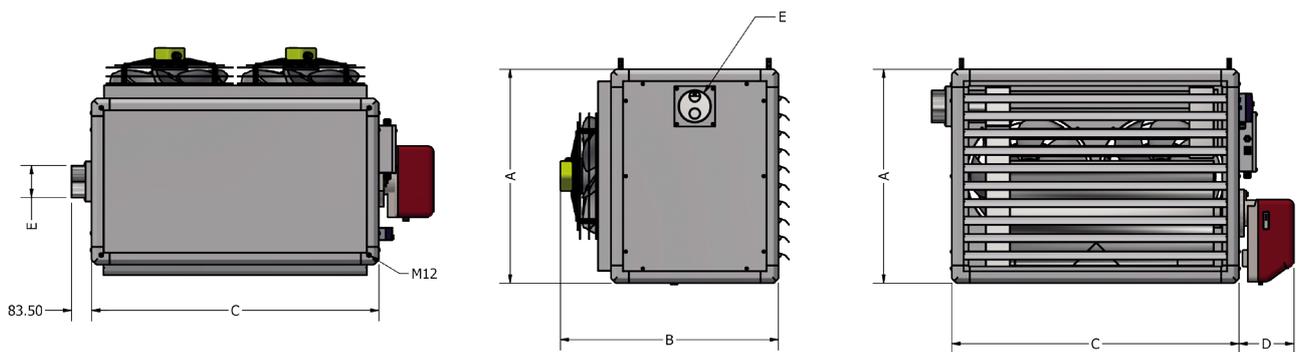
Cartivel recommends that the Fornax heater is controlled using the Space 10 HL seven day time and temperature controller.

Other control options are available including basic thermostat or direct BMS control.

Technical Data

Model		30	45	60	90	120	150	200
Heat Input	kW	31.8	47.7	63.8	95.4	127.2	159	212
Heat Output Hi	kW	30	45	60	90	120	150	200
Heat Output Low	kW	15	22.5	30	45	60	75	100
Temperature Rise	°C	29	29	29	29	29	29	29
Thermal Efficiencies (Nett CV)	%	Min 92%						
NOx Emissions	ppm	67	71	73	79	55	67	80
Oil Connection		3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Oil Consumption	l/h	2.93	4.39	5.86	8.79	11.72	14.65	19.54
Airflow	m³/s	0.86	1.28	1.71	2.57	3.43	4.28	5.71
Full Load Current	A							
Electrical Supply		230v 50hz						
Flue Dia.	mm	130	130	130	130	130	130	150
Combustion Air Connection (optional)	mm	150	150	150	150	150	150	150
Weight	kg	92	119	138	169	197	219	265
Noise Level @ 5m	db(A)	52	51	54	59	59	65	66

Technical Dimensions



	30	45	60	90	120	150	200
A	750	900	900	900	110	1100	1100
B	912	912	912	912	912	912	1012
C	600	1200	1200	1200	1500	1500	1925
D	196	202	202	228	228	228	247
E	130	130	130	130	130	130	150

Products In The Cartivel Range

Gas Fired Unit Heaters - Cabinet Heaters
Destratification Fans - Electric Unit Heaters
Oil Fired Unit Heaters - Industrial Air Curtains
Commercial Air Curtains - LPHW Unit Heaters
Gas Fired Radiant Tubes Electric Radiant - Air Rotation
Heat Exchanger Modules - HVLS Fans - Direct Fired Heaters
Gas Fired Air Handling Units



Get In Touch

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