

HADAR

Replicant

Gas Fired Heating & Ventilation Units



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Sales Brochure

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Gas Fired Heating & Ventilation Units

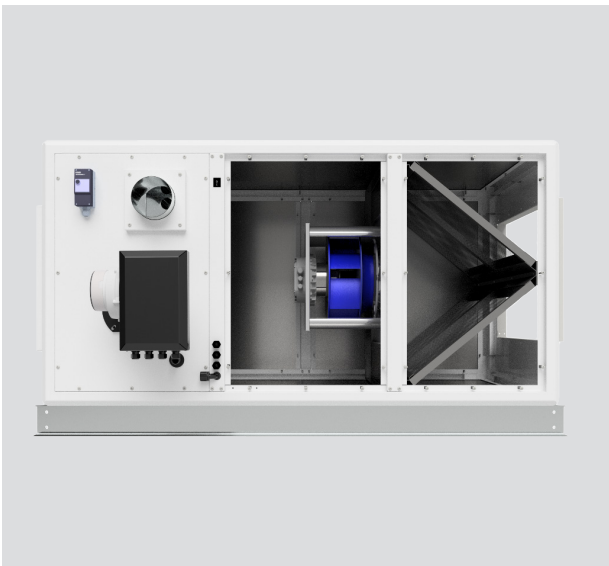
The Replicant range of gas fired heating and ventilation units has been designed to be dimensionally identical to a number of obsolete AHU ranges previously manufactured by Reznor. These include the Reznor Europak 2000 and RPV2000, SDH and SDH-EC, Ambirad TE, STE, and UCE units, and similar Benson branded heaters.

Primarily designed for ducted applications to provide heating and ventilation to a wide variety of spaces. Ideal for plant room installation or alternatively can be located in the space they serve.

All units are fully ErP 2021 compliant. Condensing versions operate at up to 108% efficiency.

Replicant AHUs are supplied mounted on a sturdy steel section base frame.

For ease of installation, Replicant units can be supplied in sections or in component form. On site assembly services is available on request.



Model Range

The Replicant units are identical in length, width, and height as the existing unit they are designed to replace. They also have the same duct inlet and outlet dimensions. Replicants are available with heat outputs of 25kW to 90kW.

Heat Exchanger

Replicant units have a drum and tube combustion chamber and heat exchanger manufactured as standard in 304 grade stainless steel. Burners are fully modulating premix type.

Specification

All units can be specified as non condensing or condensing. Internal or fully weatherproof external options are available.

Left hand or right hand controls can be specified. Flueing can be type B or type C. Air movement is by inverter driven plug fan with EC motor. Airflow can be set at commissioning to match that of the original unit.

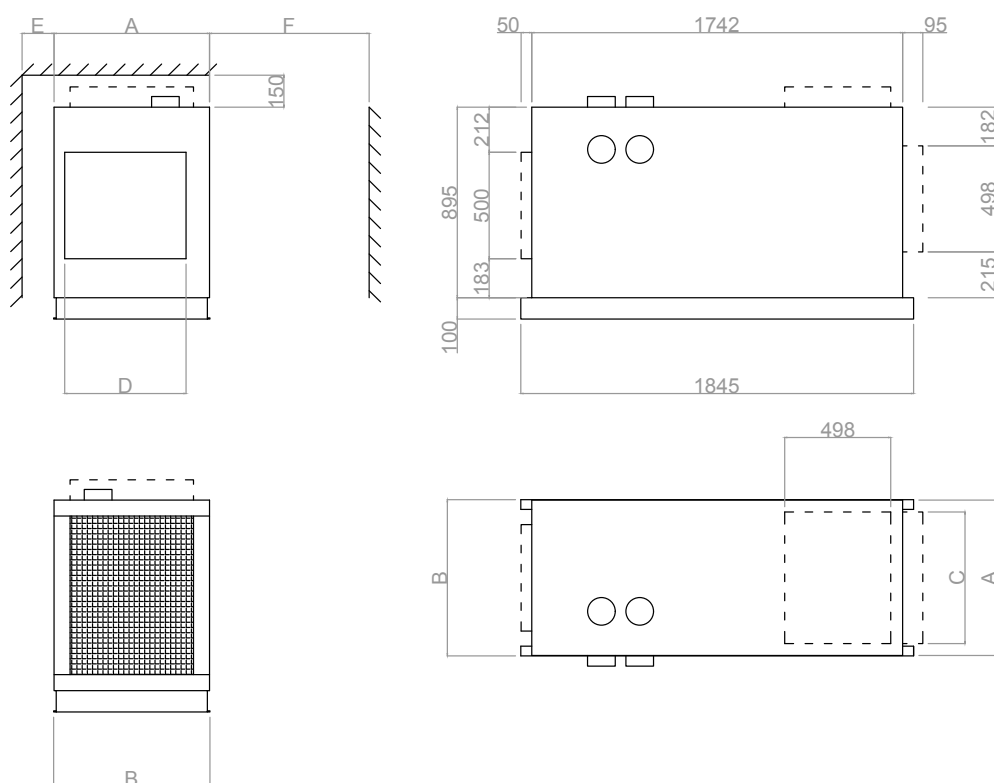
Return and fresh air connections can be specified as top, rear, or bottom of the fan compartment.

A range of filter and damper options are available for the air inlets.

Technical Data

Model		25	30	35	40	50	70	95
Max heat output	kW	25	30	35	40	50	70	95
Min heat output	kW	12.5	15	17.5	20	25	35	47.5
Max gas rate nat gas	m ³ /h	2.48	2.97	3.47	3.97	4.96	6.93	9.41
Max gas rate LPG								
Flue dia.	mm	100	100	130	130	130	130	130
Combustion air dia.	mm	100	100	130	130	130	130	130
Min airflow	m ³ /h	1350	1650	2000	2300	2900	4000	5000
Max airflow	m ³ /h	3000	4000	5000	5000	7200	9000	12000
Max ESP	pa	400						
Gas connection	BSP	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"

Dimensions



Model	25	30	35	40	50	70	95
A - Cabinet width	520	590	730	730	870	1080	1360
B - Overall width	524	594	734	734	874	1084	1364
C - Duct inlet width	370	440	580	580	720	930	1213
D - Duct outlet spigot	360	430	570	570	710	920	1200
E - Side clearance non control side	150	150	150	150	150	300	300
F - Side clearance control side	550	620	750	750	900	1100	1400

Other Products In The Hadar 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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