# REZNOR®

### **Trusted Heating Solutions**

# RHC+ Gas Fired Heat Modules



High Efficiency Ultra Low NOX Heat Modules (High Temperature and Oil Fired Options Available)

## RHC+

### Gas Fired Heat Modules

RHC+ is the latest generation fully packaged heating module designed for inclusion in air handling units to provide a condensing high efficiency ultra low NOx gas fired heating section.

Ideally suitable for replacing steam and hot water coils in existing units, enabling the changeover from central boiler plant to be decentralised gas fired systems.

The units also provide an ideal heating module for installation in ductwork systems and a variety of industrial applications including drying and curing.

#### Model Range

RHC+ SL WMV (Page 4) Vertical mounted single module 7 models 30 to 200 kW

RHC+ SL WMH (Page 6)
Horizontal mounted single module 7 models 30 to 200kW

RHC+ WMI (Page 8) Horizontal modules 16 models 30 to 1000 kW

RHC+ Stacked Vertical or horizontal.

Where higher heat outputs are required, modules can be stacked, mounted in series or even side by side if sufficient space for access is available.

#### Burner and Heat Exchanger

The burner is of the fully pre-mixed blown gas modulating type. The heat exchanger used is a 4 pass type allowing for a narrower footprint. high efficiency fully condensing with an integral condensate drain eliminates the risk of condensate build-up.

A microprocessor controller provides full operational and safety control of the burner. The gas burner is an ultra-low NOx gas burner with capability of 6:1 turndown giving excellent temperature control and energy savings.

#### Control

The module is suitable for control via a 0-10V DC signal from a BMS or local thermostat.

#### Construction

All modules are supplied factory assembled on a frame suitable for mounting on coil slides, fully wired complete with burner controls accessed from a single side. The modules are suitable for internal or outside use, although they must be weatherproofed if exposed to external conditions.

#### Simple Easy Installation

The heating modules are designed for fast and simple installation and only require "coil slides" for incorporation within an Air handling Unit.

#### **UKCA** and **CE** Certification

All heating modules are fully UKCA and CE certified and are supplied with fitting instructions. Each unit is fully tested prior to despatch, with optional on site commissioning and full after sales service available through a nationwide network of in-house service engineers.

### **Key Features**

- Heat Outputs 10kW to 1000kW
- Up to 109% Nett Efficiency
- British Manufacturer
- Ultra Low NOx
- Compact Design for AHU Installation
- High Turndown Ratio

- Module Fitting for Cascade Control
- Ideal for Replacing LPHW or Electric Coil to Gas
- Pre-Mixed Gas Burner
- Fully Condensing Heater
- High Temperature Heat Module Option
- Available for Industrial Process Applications.





#### Reduced Installation Costs

The application of gas fired heating modules directly at the point of use eliminates the need for a central boiler plant with all the associated costs and space requirements for the plant room, boiler, pumps, pipework and insulation. Gas fired heating modules also remove the risk of freezing and subsequent costs of frost protection for heating coils and pipework, a factor which is particularly relevant for external or roof mounted air handling units and/or coils located in ductwork systems.

#### Monobloc Units

RHC+ modules can be supplied assembled as a single monobloc to provide heat outputs up to 1000kW. The monobloc units combine high thermal efficiency with an excellent turndown ratio of up to 18:1 to optimise energy usage, depending on the output and control system selected.

This modular approach provides improved reliability, allowing large heat output units to be utilised without the risk of loss of total heating on failure of a single component. Where higher airflows are required a top or side bypass can be incorporated to minimise the pressure, drop through the heating coil.

#### **Optional Control Vestibules**

An optional enclosed control vestibule can be provided. The flanged vestibule allows the width of the Air Handling Unit to be minimised with the control vestibule projecting outside.

The vestibules may be specified for either internal or outdoor units. Vestibules have a durable powder coat finish to Goosewing grey BS10 A05, other colours are available on request.

Higher airflow units may be fitted with a side bypass to minimise the pressure drop through the heating coil. Top bypass arrangement is not available for units fitted with a vestibule.

Units supplied complete with a controls vestibule are also ideal for applications where the heat module is to be installed into ductwork.





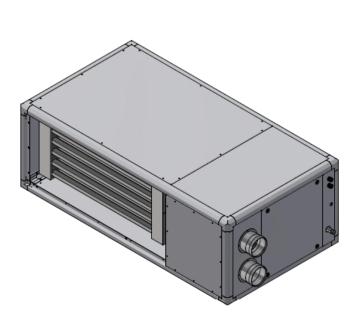


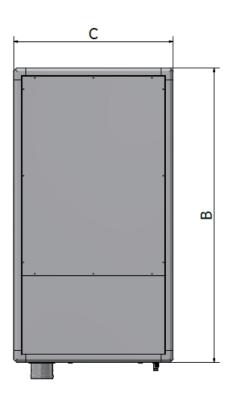


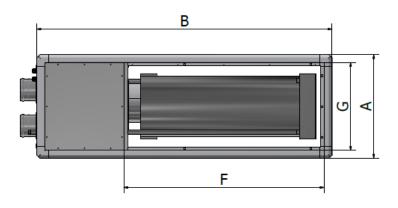


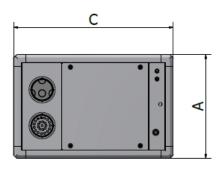


# RHC+ SL WMIH RS









### Room sealed Slimline Heat Module

Mounted in a vertical orientation, ideal for replacing LPHW coils, steam coils and for air handing unit mounting.

Compact design reduces the required length of air handing unit sections.

Combustion chamber and heat exchanger 304 stainless steel as standard.

Condensing fully modulating 6:1 turndown with low NOx burners to reduce emissions and increase efficiency.

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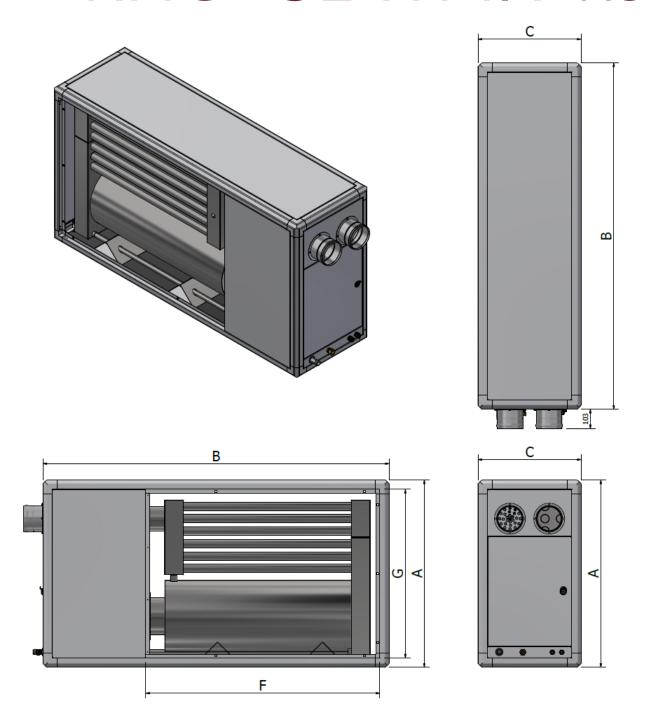
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Height (mm)	А	550	550	550	550	550	550	550	
Width (mm)	В	600	1035	1035	1035	1370	1370	1925	
Length (mm)	С	750	750	750	750	1000	1000	1000	
Burner Protrusion (mm)	D	294	294	294	294	428	428	428	
External Cabinet Dimension (mm)	Е	350	350	350	350	450	450	450	
Duct Connection Width (mm)	F	760	975	975	975	1310	1310	1865	
Duct Connection Height (mm)	G	490	490	490	490	490	490	490	
	SL WMIH	30	45	60	90	120	150	200	
Heat Output	kW	30	45	60	90	120	150	200	
Gas Consumption	m³/hr	2.97	4.46	5.94	8.92	11.89	14.86	19.81	
Gas Connection	BSP	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	1"	
Flue Connection	ø mm	100	130	130	130	130	130	150	
Condensate Connection	ø inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	
Electrical 230v/1PH/50Hz	Amps	5	5	5	5	5	5	5	
Minimum Airflow	m³/sec	0.6	0.8	1.1	1.55	2.2	2.7	3.68	
Pressure drop at minimum airflow	Pa	95	92	98	110	98	109	98	
Net Weight	kg	65	79	140	140	195	195	310	
Horizontal - Multiple Modules		300-2		400-2	60	0-3	800-4		
Height (mm)	A	1100		1100	16		2200		
Width (mm)	В	1370		1925	13		1925		
Length (mm)	С	1000		1000	10		1000		
Burner Protrusion (mm)	D	428		428	42		428		
External Cabinet Dimension (mm)	Е	450		450	45		450		
Duct Connection Width (mm)	F	1310		1865	13		1865		
Duct Connection Height (mm)	G	1040		1040	15	90	2140		
	SL WMIH	300-2		400-2	60	0-3	800-4		
Heat Output	kW	300		400	60	0	800		
Gas Consumption	m³/hr	29.72		39.62	44	.58	79.24		
Gas Connection	BSP	<sup>3</sup> / <sub>4</sub> " × 2				x 3	1" x 4		
Flue Connection	ø mm	130 x 2				0 x 3	150 x	4	
Condensate Connection	ø inch	3/4"		3/4"	3/4"		3/4"		
	ØIIICII	3/4"				3/4"			
Electrical 230v/1PH/50Hz	Amps	5 x 2		5 x 2		5 x 3		5 x 4	
		5 x 2 5.4		5 x 2 7.36		.04	5 x 4 14.72		
Electrical 230v/1PH/50Hz	Amps					.04			

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Horizontal - Single Module



# RHC+ SL WMIV RS



### Room sealed Slimline Heat Module

Mounted in a vertical orientation, ideal for replacing LPHW coils, steam coils and for air handing unit mounting.

Compact design reduces the required length of air handing unit sections.

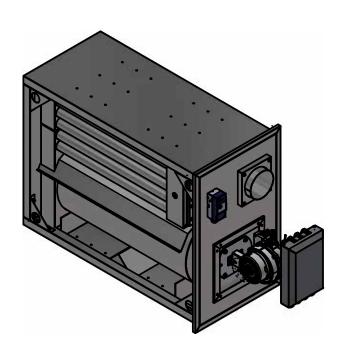
Combustion chamber and heat exchanger 304 stainless steel as standard.

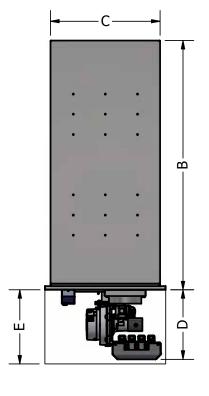
Condensing fully modulating 6:1 turndown with low NOx burners to reduce emissions and increase efficiency.

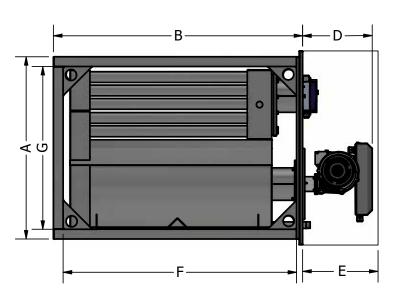
Vertical - Single Module		30	45	60	90	120	150	200
Height (mm)	А	750	750	750	750	1000	1000	1000
Width (mm)	В	600	1035	1035	1035	1370	1370	1925
Length (mm)	С	450	450	450	450	450	450	550
Burner Protrusion (mm)	D	294	294	294	294	428	428	428
External Cabinet Dimension (mm)	E	350	350	350	350	450	450	450
Duct Connection Width (mm)	F	760	975	975	975	1310	1310	1865
Duct Connection Height (mm)	G	690	690	690	690	940	940	940
	SL WMIV	30	45	60	90	120	150	200
Heat Output	kW	30	45	60	90	120	150	200
Gas Consumption	m³/hr	2.97	4.46	5.94	8.92	11.89	14.86	19.81
Gas Connection	BSP	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	1"
Flue Connection	ø mm	100	130	130	130	130	130	150
Condensate Connection	ø inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Electrical 230v/1PH/50Hz	Amps	5	5	5	5	5	5	5
Minimum Airflow	m³/sec	0.6	0.8	1.1	1.55	2.2	2.7	3.68
Pressure drop at minimum airflow	Pa	95	92	98	110	98	109	98
Net Weight	ka	<b>/ F</b>	79	140	140	105	195	310
iver vveigili	kg	65	79	140	140	195	123	0.0
Vertical - Multiple Modules	Kg	300-2	79	400-2		0-3	800-	
_	A		79		60			4
Vertical - Multiple Modules		300-2	79	400-2	30	0-3	800-	4
Vertical - Multiple Modules Height (mm)	A	300-2	79	400-2	30	0-3 00 70	4000	4
Vertical - Multiple Modules Height (mm) Width (mm)	A B	300-2 2000 1370	79	400-2 2000 1925	60 30 13	0-3 00 70	800- 4000 1925	4
Vertical - Multiple Modules  Height (mm)  Width (mm)  Length (mm)	A B C	300-2 2000 1370 550	79	400-2 2000 1925 550	600 300 13 55	0-3 00 70 0	800- 4000 1925 550	4
Vertical - Multiple Modules  Height (mm)  Width (mm)  Length (mm)  Burner Protrusion (mm)	A B C D	300-2 2000 1370 550 450	79	400-2 2000 1925 550 450	600 300 133 555 45	0-3 00 70 0	800- 4000 1925 550 450	4
Vertical - Multiple Modules  Height (mm)  Width (mm)  Length (mm)  Burner Protrusion (mm)  External Cabinet Dimension (mm)	A B C D E	300-2 2000 1370 550 450 428		400-2 2000 1925 550 450 428	600 300 133 555 45 422	0-3 00 70 0 0	800- 4000 1925 550 450 428	4
Vertical - Multiple Modules  Height (mm)  Width (mm)  Length (mm)  Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)	A B C D E	300-2 2000 1370 550 450 428 1310		400-2 2000 1925 550 450 428 1865	60 30 13 55 45 42 13	0-3 00 70 0 0 8	800- 4000 1925 550 450 428 1865	4
Vertical - Multiple Modules  Height (mm)  Width (mm)  Length (mm)  Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)	A B C D E F	300-2 2000 1370 550 450 428 1310 1940		400-2 2000 1925 550 450 428 1865 1940	60 30 13 55 45 42 13	0-3 00 70 0 0 8 10 40	800- 4000 1925 550 450 428 1865 3940	4
Vertical - Multiple Modules  Height (mm)  Width (mm)  Length (mm)  Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)	A B C D E F G SLWMH	300-2 2000 1370 550 450 428 1310 1940 300-2		400-2 2000 1925 550 450 428 1865 1940	60 30 13 55 45 42 13 29 60	0-3 00 70 0 0 8 10 40	800- 4000 1925 550 450 428 1865 3940	4
Vertical - Multiple Modules  Height (mm)  Width (mm)  Length (mm)  Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)	A B C D E F G SL WMH kW	300-2 2000 1370 550 450 428 1310 1940 300-2 300		400-2 2000 1925 550 450 428 1865 1940 400-2	60 30 13 55 45 42 13 29 60 60 44	0-3 00 70 0 0 8 10 40 0-3	800- 4000 1925 550 450 428 1865 3940 800-	4
Vertical - Multiple Modules  Height (mm)  Width (mm)  Length (mm)  Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)  Heat Output  Gas Consumption	A B C D E F G SL WMH kW m³/hr	300-2 2000 1370 550 450 428 1310 1940 300-2 300 29.72		400-2 2000 1925 550 450 428 1865 1940 400-2 400 39.62	60 30 13 55 45 42 13 29 60 60 44	0-3 00 70 0 0 8 10 40 0-3 0	800- 4000 1925 550 450 428 1865 3940 800- 800	4
Vertical - Multiple Modules  Height (mm)  Width (mm)  Length (mm)  Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)  Heat Output  Gas Consumption  Gas Connection	A B C D E F G SL WMH kW m³/hr BSP	300-2 2000 1370 550 450 428 1310 1940 300-2 300 29.72 3/4" x 2		400-2 2000 1925 550 450 428 1865 1940 400-2 400 39.62 1" x 2	60 30 13 55 45 42 13 29 60 60 44	0-3 00 70 0 0 8 10 40 0-3 0 .58 1 x 3 0 x 3	800- 4000 1925 550 450 428 1865 3940 800- 800 79.24	4
Vertical - Multiple Modules  Height (mm)  Width (mm)  Length (mm)  Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)  Heat Output  Gas Consumption  Gas Connection  Flue Connection	A B C D E F G SL WMH kW m³/hr BSP ø mm	300-2 2000 1370 550 450 428 1310 1940 300-2 300 29.72 34" x 2 130 x 2		400-2 2000 1925 550 450 428 1865 1940 400-2 400 39.62 1" x 2	600 300 133 555 45 42 133 299 600 600 444 34'	0-3 00 70 0 0 8 10 40 0-3 0 .58 x x 3 0 x 3	800- 4000 1925 550 450 428 1865 3940 800- 800 79.24 1" x 4	4
Vertical - Multiple Modules  Height (mm)  Width (mm)  Length (mm)  Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)  Heat Output  Gas Consumption  Gas Connection  Flue Connection  Condensate Connection	A B C D E F G SL WMH kW m³/hr BSP ø mm ø inch	300-2 2000 1370 550 450 428 1310 1940 300-2 300 29.72 34" x 2 130 x 2 34"		400-2 2000 1925 550 450 428 1865 1940 400-2 400 39.62 1" x 2 150 x 2 3/4"	600 300 133 555 45 42 133 29 600 600 44 34' 5>	0-3 00 70 0 0 8 10 40 0-3 0 .58 x x 3 0 x 3	800- 4000 1925 550 450 428 1865 3940 800- 800 79.24 1" × 4 150 >	4
Vertical - Multiple Modules  Height (mm)  Width (mm)  Length (mm)  Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)  Heat Output  Gas Consumption  Gas Connection  Flue Connection  Condensate Connection  Electrical 230v/1PH/50Hz	A B C D E F G SL WMH kW m³/hr BSP ø mm ø inch Amps	300-2 2000 1370 550 450 428 1310 1940 300-2 300 29.72 3/4" × 2 130 × 2 3/4" 5 × 2		400-2 2000 1925 550 450 428 1865 1940 400-2 400 39.62 1" x 2 150 x 2 3/4" 5 x 2	600 300 133 555 45 42 133 29 600 600 44 34' 5>	0-3 00 70 0 0 8 10 40 0-3 0 .58 x 3 0 x 3	800- 4000 1925 550 450 428 1865 3940 800- 800 79.24 1" x 4 150 x 3/4" 5 x 4	4

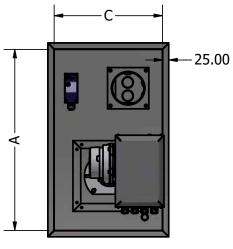


# RHC+ SL WMIV









### Slimline Heat Module

Mounted in a vertical orientation, ideal for replacing LPHW coils, steam coils and for air handing unit mounting.

Compact design reduces the required length of air handing unit sections.

Combustion chamber and heat exchanger 304 stainless steel as standard.

Condensing fully modulating 6:1 turndown with low NOx burners to reduce emissions and increase efficiency.

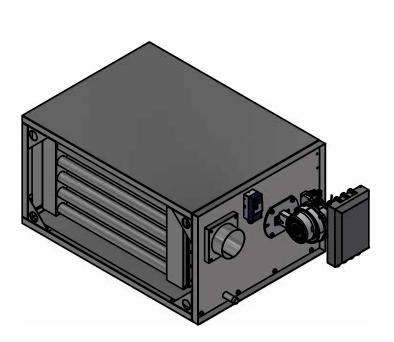
### RHC+ SL WMIV

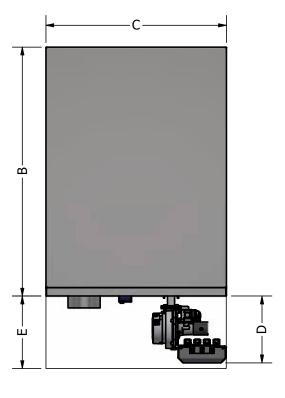


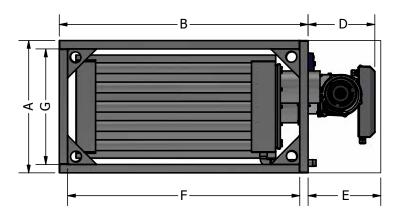
Vertical - Single Module		30	45	60	90	120	150	200
Height (mm)	А	750	750	750	750	1000	1000	1250
Width (mm)	В	600	600	1035	1035	1370	1370	1925
Length (mm)	С	450	450	450	450	450	450	550
Burner Protrusion (mm)	D	294	294	294	294	428	428	428
External Cabinet Dimension (mm)	E	350	350	350	350	450	450	550
Duct Connection Width (mm)	F	540	540	975	975	1310	1310	1865
Duct Connection Height (mm)	G	690	690	690	690	940	940	1190
	SL WMIV	30	45	60	90	120	150	200
Heat Output	kW	30	45	60	90	120	150	200
Gas Consumption	m³/hr	2.97	4.46	5.94	8.92	11.89	14.86	19.81
Gas Connection	BSP	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	1"
Flue Connection	ø mm	100	100	130	130	130	130	150
Condensate Connection	ø inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Electrical 230v/1PH/50Hz	Amps	5	5	5	5	5	5	5
Minimum Airflow	m³/sec	0.6	0.8	1.1	1.55	2.2	2.7	3.68
Pressure drop at minimum airflow	Pa	95	92	98	110	98	109	98
Net Weight	kg	65	79	100	100	155	155	270
Vertical - Multiple Modules		300-2		400-2	60	0-3	800-4	
Height (mm)	А	2000		2000	30	00	4000	
Width (mm)	В	1370		1925	13	70	1925	
Length (mm)	С	450		450	45	0	550	
-	C D	450 428		450 428	45 42		550 428	
Burner Protrusion (mm)						8		
Burner Protrusion (mm) External Cabinet Dimension (mm)	D	428		428	42 42	8	428	
Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)	D E	428 428		428 428	42 42 18	8	428 428	
Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)	D E F	428 428 1310		<b>428</b> <b>428</b> 1865	42 42 18 37	8 8 65	428 428 1865	
Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)	D E F G	428 428 1310 1900		428 428 1865 1900	42 42 18 37	8 8 65 50 0-3	428 428 1865 5000	
Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)  Heat Output	D E F G SL WMIV	428 428 1310 1900 300-2		428 428 1865 1900 400-2	42 42 18 37 60	8 8 65 50 0-3	428 428 1865 5000 800-4	
Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)  Heat Output  Gas Consumption	D E F G SL WMIV kW	428 428 1310 1900 300-2 300		428 428 1865 1900 400-2 400	42 42 18 37 60 60 44	8 8 65 50 0-3	428 428 1865 5000 800-4	
Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)  Heat Output  Gas Consumption  Gas Connection	D E F G SL WMIV kW m³/hr	428 428 1310 1900 300-2 300 29.72		428 428 1865 1900 400-2 400 39.62	42 42 18 37 60 60 44	8 8 65 50 0-3 0	428 428 1865 5000 800-4 800 79.24	1
Length (mm)  Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)  Heat Output  Gas Consumption  Gas Connection  Flue Connection  Condensate Connection	D E F G SL WMIV kW m³/hr BSP	428 428 1310 1900 300-2 300 29.72 3⁄4" x 2		428 428 1865 1900 400-2 400 39.62 1" x 2	42 42 18 37 60 60 44	8 8 65 50 0-3 0 .58 × 3 0 × 3	428 428 1865 5000 800-4 800 79.24 1" x 4	1
Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)  Heat Output  Gas Consumption  Gas Connection  Flue Connection	D E F G SL WMIV kW m³/hr BSP ø mm	428 428 1310 1900 300-2 300 29.72 3/4" x 2 130 x 2		428 428 1865 1900 400-2 400 39.62 1" x 2 150 x 2	42 42 18 37 60 60 44 34'	8 8 65 50 0-3 0 .58 × 3 0 × 3	428 428 1865 5000 800-4 800 79.24 1" × 4 150 × 4	1
Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)  Heat Output  Gas Consumption  Gas Connection  Flue Connection  Condensate Connection	D E F G SL WMIV kW m³/hr BSP ø mm ø inch	428 428 1310 1900 300-2 300 29.72 3/4" x 2 130 x 2		428 428 1865 1900 400-2 400 39.62 1" x 2 150 x 2	42 42 18 37 60 60 44 34' 13 34' 5>	8 8 65 50 0-3 0 .58 × 3 0 × 3	428 428 1865 5000 800-4 800 79.24 1" × 4 150 × 4	1
Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)  Heat Output  Gas Consumption  Gas Connection  Flue Connection  Condensate Connection  Electrical 230v/1PH/50Hz	D E F G SL WMIV kW m³/hr BSP ø mm ø inch Amps	428 428 1310 1900 300-2 300 29.72 34" x 2 130 x 2 34" 5 x 2		428 428 1865 1900 400-2 400 39.62 1" x 2 150 x 2 3/4" 5 x 2	42 42 18 37 60 60 44 34' 13 34' 5>	8 8 65 50 0-3 0 .58 ×3 0×3	428 428 1865 5000 800-4 800 79.24 1" × 4 150 × 4 3/4" 5 × 4	1

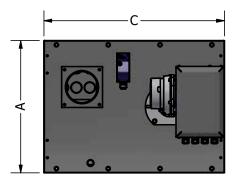


# RHC+ SL WMIH









### Modular Heat Module

Mounted in the horizontal orientation allowing for compact stacking of the units to high heat output, ideal for retro on-site fitted in small mountable sections and compact design for limited access.

Combustion chamber and heat exchanger 304 stainless stel as standard.

Condensing fully modulating 6:1 turndown with low NOx burners to reduce emissions and increase efficiency.

### **RHC+SLWMIH**

Horizontal - Single Module



120 150 200

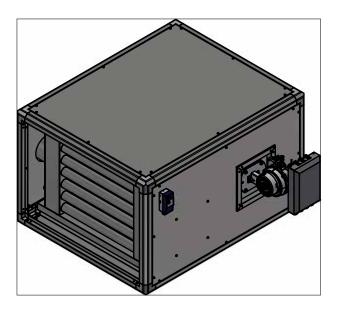
		30	45	60	90	120	150	200
Height (mm)	А	550	550	550	550	550	550	650
Width (mm)	В	600	600	1035	1035	1370	1370	1925
Length (mm)	С	750	750	750	750	1000	1000	1250
Burner Protrusion (mm)	D	294	294	294	294	428	428	428
External Cabinet Dimension (mm)	Е	350	350	350	350	450	450	550
Duct Connection Width (mm)	F	540	540	975	975	1310	1310	1865
Duct Connection Height (mm)	G	490	490	490	490	490	490	590
	SL WMIH	30	45	60	90	120	150	200
Heat Output	kW	30	45	60	90	120	150	200
Gas Consumption	m³/hr	2.97	4.46	5.94	8.92	11.89	14.86	19.81
Gas Connection	BSP	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	1"
Flue Connection	ø mm	100	100	130	130	130	130	150
Condensate Connection	ø inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Electrical 230v/1PH/50Hz	Amps	5	5	5	5	5	5	5
Minimum Airflow	m³/sec	0.6	0.8	1.1	1.55	2.2	2.7	3.68
Pressure drop at minimum airflow	Pa	95	92	98	110	98	109	98
Net Weight	kg	65	79	100	100	155	155	270
Horizontal - Multiple Modules		300-2		400-2	600	)-3	800-4	
Height (mm)	Α	1100		1100	165	:0	2200	
	, ,				103	,0	2200	
Width (mm)	В	1370		1925	137		1925	
Width (mm) Length (mm)						70		
· ·	В	1370		1925	137	70 5 <b>0</b>	1925	
Length (mm)	В	1370 1000		1925 1250	137 <b>12</b> 5	70 <b>50</b> 3	1925 <b>1250</b>	
Length (mm) Burner Protrusion (mm)	B C D	1370 1000 428		1925 1250 428	137 <b>12</b> 5 428	70 50 3	1925 <b>1250</b> 428	
Length (mm)  Burner Protrusion (mm)  External Cabinet Dimension (mm)	B C D	1370 1000 428 450		1925 1250 428 450	137 125 428 450	70 50 3 )	1925 1250 428 450	
Length (mm)  Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)	B C D E F	1370 1000 428 450 1310		1925 1250 428 450 1865	137 125 428 450	70 50 3 0 55	1925 1250 428 450 1865	
Length (mm)  Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)	B C D E F	1370 1000 428 450 1310 1040		1925 1250 428 450 1865 1040	137 125 428 450 186	70 50 8 0 55 90	1925 1250 428 450 1865 2140	
Length (mm)  Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)	B C D E F G SLWMIH	1370 1000 428 450 1310 1040		1925 1250 428 450 1865 1040	137 125 428 450 186 159	70 50 8 9 9 9 9 9	1925 1250 428 450 1865 2140	
Length (mm)  Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)  Heat Output	B C D E F G SLWMIH kW	1370 1000 428 450 1310 1040 300-2 300		1925 1250 428 450 1865 1040 400-2	137 125 428 450 186 159 600	70 50 8 9 9 9 9 9 9 9	1925 1250 428 450 1865 2140 800-4	
Length (mm)  Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)  Heat Output  Gas Consumption	B C D E F G SLWMIH kW m³/hr	1370 1000 428 450 1310 1040 300-2 300 29.72		1925 1250 428 450 1865 1040 400-2 400 39.62	137 129 428 450 186 159 600 600 44.	70 50 8 9 9 9 9 9 9 9	1925 1250 428 450 1865 2140 800-4 800 79.24	1
Length (mm)  Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)  Heat Output  Gas Consumption  Gas Connection	B C D E F G SLWMIH kW m³/hr BSP	1370 1000 428 450 1310 1040 300-2 300 29.72 3/4" x 2		1925 1250 428 450 1865 1040 400-2 400 39.62 1"x2	137 129 428 450 186 159 600 600 44.	70 50 3 3 55 90 9-3 9 58 × 3	1925 1250 428 450 1865 2140 800-4 800 79.24 1" x 4	1
Length (mm)  Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)  Heat Output  Gas Consumption  Gas Connection  Flue Connection	B C D E F G SLWMIH kW m³/hr BSP ø mm	1370 1000 428 450 1310 1040 300-2 300 29.72 34" x 2 130 x 2		1925 1250 428 450 1865 1040 400-2 400 39.62 1" x 2	137 129 428 450 186 159 600 600 44. 34"	70 50 3 3 3 55 90 9-3 9 58 × 3 9 × 3	1925 1250 428 450 1865 2140 800-4 800 79.24 1" x 4	1
Length (mm)  Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)  Heat Output  Gas Consumption  Gas Connection  Flue Connection  Condensate Connection	B C D E F G SLWMIH kW m³/hr BSP ø mm ø inch	1370 1000 428 450 1310 1040 300-2 300 29.72 34" x 2 130 x 2		1925 1250 428 450 1865 1040 400-2 400 39.62 1" x 2 150 x 2	137 129 428 450 186 159 600 600 44. 34" 130	70 50 3 0 55 0 0 58 × 3 0 × 3	1925 1250 428 450 1865 2140 800-4 800 79.24 1" x 4 150 x 4	1
Length (mm)  Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)  Heat Output  Gas Consumption  Gas Connection  Flue Connection  Condensate Connection  Electrical 230v/1PH/50Hz	B C D E F G SLWMIH kW m³/hr BSP ø mm ø inch Amps	1370 1000 428 450 1310 1040 300-2 300 29.72 34" × 2 130 × 2 34" 5 × 2		1925 1250 428 450 1865 1040 400-2 400 39.62 1" x 2 150 x 2 3/4" 5 x 2	137 129 428 450 186 159 600 600 44. 34" 130 34" 5 x	70 50 3 0 55 0 0 58 × 3 0 × 3	1925 1250 428 450 1865 2140 800-4 800 79.24 1" x 4 150 x 4 3/4" 5 x 4	

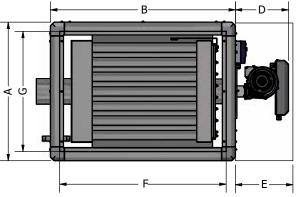
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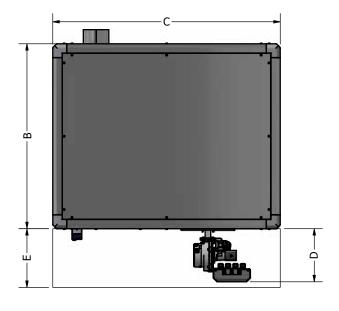
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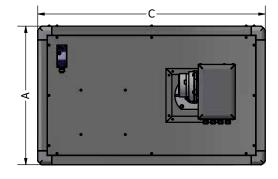


# RHC+ WMI Module









### Condensing Heat Module

Ideal for higher heat outputs in one unit, one flue and one gas connection, reducing installation cost.

Combustion chamber and heat exchanger 304 stainless steel as standard.

45kW to 1000kW heat outputs, fitted with condensing fully modulating 6:1 turndown burners low NOx to reduce emissions and increase efficiency.

Ideal for replacement market and Air Handing Unit installation.

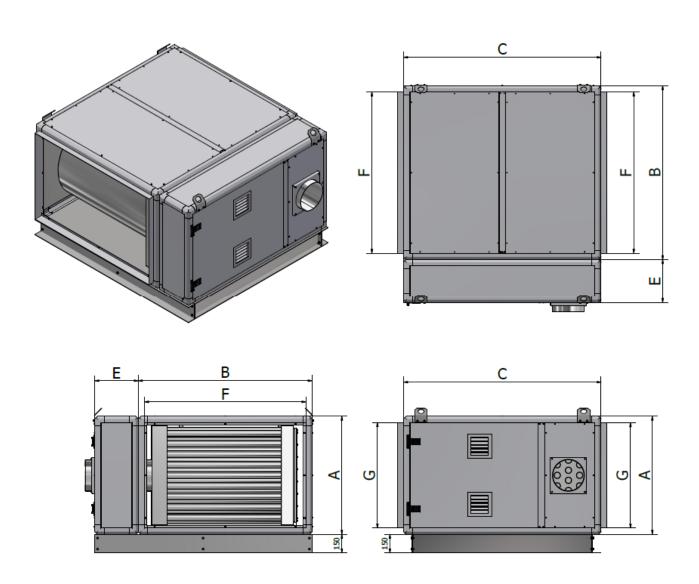
### RHC+ WMI Module



Electrical (Relico Volts/Amps   Continue of Service	RHC+l WMl Module		45	60	90	120	150	180	210	260
Length (mm)	Height (mm)	А	750	750	750	750	750	950	950	1132
Burner Protrusion (mm)	Width (mm)	В	1000	1000	1000	1200	1200	1400	1400	1490
External Cobiner Dimension (mm) E 344 344 344 451 451 451 451 451 451 Duct Connection Width (mm) F 900 900 900 1100 1100 1300 1300 1390 139	Length (mm)	С	1230	1230	1230	1230	1230	1230	1590	1590
Duct Connection Width (mm)	Burner Protrusion (mm)	D	319	319	319	429	429	428	428	428
Duct Connection Height (mm)   G   650   650   650   650   850   850   1032	External Cabinet Dimension (mm)	Е	344	344	344	451	451	451	451	451
Hear Output	Duct Connection Width (mm)	F	900	900	900	1100	1100	1300	1300	1390
Gas Consumption m³/hr 4.46 5.94 8.92 11.89 14.86 17.83 20.80 25.76 Gas Connection BSP ½" ½" ½" ½" ½" 1" 1" 1" 1" 1" 1½" 1½" 1	Duct Connection Height (mm)	G	650	650	650	650	650	850	850	1032
Second   S	Heat Output	kW	45	60	90	120	150	180	210	260
Flue Connection	Gas Consumption	m³/hr	4.46	5.94	8.92	11.89	14.86	17.83	20.80	25.76
Condensate Connection  © inch  W' W' W' W' W' 1" 1" 1" 1"  Electrical (Riello) Volts/Amps  240/5A 240/10A 24	Gas Connection	BSP	1/2"	1/2"	3/4"	3/4"	1"	1"	1"	1 1⁄4"
Electrical (Riello) Volts/Amps	Flue Connection	ø mm	130	130	130	130	130	200	250	250
Electrical (Burnertech) Volts/Amps	Condensate Connection	ø inch	3/4"	3/4"	3/4"	3/4"	3/4"	1"	1"	1"
Minimum Airflow         m³/sec         0.91         1.22         1.82         2.42         3.04         3.64         4.24         5.46           Pressure drop at minimum airflow         kg         190         125         150         175         125         150         125         150         160           Net Weight         kg         190         195         195         228         232         320         340         384           RHC+ WMI Module         300         350         450         600         700         800         900         1000           Height (mm)         A         1132         1132         1568         1568         1568         1950         1950         1950           Width (mm)         B         1490         2200         2450         2450         2450         3200         3200         3200           Length (mm)         C         1590         1590         2138         2138         2138         2650         2650         2650           Burner Protrusion (mm)         E         451         451         625         625         625         625         725         725           Duct Connection Width (mm)         F	Electrical (Riello) Volts/Amps		240v/5A	240v/5A	240v/5A	240v/5A	240v/5A	240v/5A	240v/5A	240v/5A
Pressure drop at minimum airflow         Pa         125         150         175         125         150         125         150         160           Net Weight         kg         190         195         195         228         232         320         340         384           RHC+ WMI Module         300         350         450         600         700         800         900         1000           Height (mm)         A         1132         1132         1568         1568         1568         1950         1950         1950           Width (mm)         B         1490         2200         2450         2450         2450         3200         3200         3200           Length (mm)         C         1590         1590         2138         2138         2138         2650         2650         2650           Burner Protrusion (mm)         D         429         429         600         600         600         600         700         700           External Cabinet Dimension (mm)         E         451         451         625         625         625         625         725         725           Duct Connection Width (mm)         F         1390	Electrical(Burnertech) Volts/Amps		240v/5A	240v/5A	240v/5A	240v/5A	240v/5A	240v/5A	240v/5A	240v/5A
Net Weight         kg         190         195         195         228         232         320         340         384           RHC+ WMI Module         300         350         450         600         700         800         900         1000           Height (mm)         A         1132         1132         1568         1568         1568         1950         1950         1950           Width (mm)         B         1490         2200         2450         2450         2450         3200         3200         3200           Length (mm)         C         1590         1590         2138         2138         2138         2650         2650         2650           Burner Protrusion (mm)         D         429         429         600         600         600         600         700         700           External Cabinet Dimension (mm)         E         451         451         625         625         625         625         725         725           Duct Connection Width (mm)         F         1390         2100         2350         2350         2350         3100         3100         3100           Heat Output         kW         300         350	Minimum Airflow	m³/sec	0.91	1.22	1.82	2.42	3.04	3.64	4.24	5.46
RHG+ WMI Module  A 1132 1132 1568 1568 1568 1950 1950 1950 Width (mm)  B 1490 2200 2450 2450 2450 3200 3200 3200 Length (mm)  C 1590 1590 2138 2138 2138 2650 2650 2650 Burner Protrusion (mm)  D 429 429 600 600 600 600 600 700 700 External Cabinet Dimension (mm)  E 451 451 625 625 625 625 725 725 Duct Connection Width (mm)  F 1390 2100 2350 2350 2350 3100 3100 3100 Duct Connection Height (mm)  G 1032 1032 1468 1468 1468 1850 1850 1850 1850 Heat Output kW 300 350 450 600 700 800 900 1000 Gas Consumption  m³/hr 29.72 34.67 44.58 59.44 69.35 79.25 89.16 99.07 Gas Connection  BSP 1" 1" 1" 1" 1" 1" 1" 1" 1" Flue Connection  Ø mm 250 250 300 350 350 400 400 400 400 Condensate Connection  Ø mm 250 250 300 350 415w/10A 240v/10A 240	Pressure drop at minimum airflow	Pa	125	150	175	125	150	125	150	160
Height (mm)  A 1132 1132 1568 1568 1568 1950 1950 1950 1950 Width (mm)  B 1490 2200 2450 2450 2450 3200 3200 3200 3200 1000 1000 1000 100	Net Weight	kg	190	195	195	228	232	320	340	384
Width (mm)         B         1490         2200         2450         2450         2450         3200         3200         3200           Length (mm)         C         1590         1590         2138         2138         2138         2650         2650         2650           Burner Protrusion (mm)         D         429         429         600         600         600         600         700         700           External Cabinet Dimension (mm)         E         451         451         625         625         625         625         725         725           Duct Connection Width (mm)         F         1390         2100         2350         2350         2350         3100         3100         3100           Duct Connection Height (mm)         G         1032         1032         1468         1468         1468         1850         1850         1850           Heat Output         kW         300         350         450         600         700         800         900         1000           Gas Consumption         m³/hr         29.72         34.67         44.58         59.44         69.35         79.25         89.16         99.07           Gas Connection										
Length (mm)         C         1590         1590         2138         2138         2138         2650         2650         2650           Burner Protrusion (mm)         D         429         429         600         600         600         600         700         700           External Cabinet Dimension (mm)         E         451         451         625         625         625         625         725         725           Duct Connection Width (mm)         F         1390         2100         2350         2350         2350         3100         3100         3100           Duct Connection Height (mm)         G         1032         1032         1468         1468         1468         1850         1850         1850           Heat Output         kW         300         350         450         600         700         800         900         1000           Gas Consumption         m³/hr         29.72         34.67         44.58         59.44         69.35         79.25         89.16         99.07           Gas Connection         BSP         1"         1"         1"         1"         1"         1"         1"         1"         1"         1"         1"	RHC+ WMI Module		300	350	450	600	700	800	900	1000
Burner Protrusion (mm) D 429 429 600 600 600 600 700 700 700 External Cabinet Dimension (mm) E 451 451 625 625 625 625 625 725 725 725 Duct Connection Width (mm) F 1390 2100 2350 2350 2350 3100 3100 3100 Duct Connection Height (mm) G 1032 1032 1468 1468 1468 1850 1850 1850 1850 Heat Output kW 300 350 450 600 700 800 900 1000 Gas Consumption m³/hr 29.72 34.67 44.58 59.44 69.35 79.25 89.16 99.07 Gas Connection BSP 1" 1" 1¼" 1¼" 1¼" 1¼" 1½" 2½" 2½" 1½" 1" 1½" 1½" 1½" 1½" 1½" 1½" 1½" 1½		A								
External Cabinet Dimension (mm) E 451 451 625 625 625 625 725 725  Duct Connection Width (mm) F 1390 2100 2350 2350 2350 3100 3100 3100  Duct Connection Height (mm) G 1032 1032 1468 1468 1468 1850 1850 1850  Heat Output kW 300 350 450 600 700 800 900 1000  Gas Consumption m³/hr 29.72 34.67 44.58 59.44 69.35 79.25 89.16 99.07  Gas Connection BSP 1" 1" 1¼" 1¼" 1¼" 1¼" 2½" 2½"  Flue Connection Ø mm 250 250 300 350 350 400 400 400 400  Condensate Connection Ø inch 1" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1"  Electrical 230v/1PH/50Hz 240v/5A 240v/10A 24240v/10A 415v/10A 415v/10A 415v/10A 415v/15A 415v/15A  Electrical (Burnertech) Volts/Amps 240v/5A 240v/10A 240v			1132	1132	1568	1568	1568	1950	1950	1950
Duct Connection Width (mm)         F         1390         2100         2350         2350         2350         3100         3100         3100           Duct Connection Height (mm)         G         1032         1032         1468         1468         1468         1850         1850           Heat Output         kW         300         350         450         600         700         800         900         1000           Gas Consumption         m³/hr         29.72         34.67         44.58         59.44         69.35         79.25         89.16         99.07           Gas Consumption         BSP         1"         1"         1¼"         1¼"         1¼"         1¼"         1¼"         2½"         2½"           Flue Connection         Ø mm         250         250         300         350         350         400         400         400           Condensate Connection         Ø inch         1"	Height (mm) Width (mm)	В	1132 1490	1132 2200	1568 2450	1568 2450	1568 2450	1950 3200	1950 3200	1950 3200
Duct Connection Height (mm)         G         1032         1032         1468         1468         1468         1850         1850         1850           Heat Output         kW         300         350         450         600         700         800         900         1000           Gas Consumption         m³/hr         29.72         34.67         44.58         59.44         69.35         79.25         89.16         99.07           Gas Connection         BSP         1"         1"         1¼"         1¼"         1¼"         1¼"         2½"         2½"         2½"           Flue Connection         Ø mm         250         250         300         350         350         400         400         400           Condensate Connection         Ø inch         1" </td <td>Height (mm) Width (mm)</td> <td>В</td> <td>1132 1490 1590</td> <td>1132 2200 1590</td> <td>1568 2450 2138</td> <td>1568 2450 2138</td> <td>1568 2450 2138</td> <td>1950 3200 2650</td> <td>1950 3200 2650</td> <td>1950 3200 2650</td>	Height (mm) Width (mm)	В	1132 1490 1590	1132 2200 1590	1568 2450 2138	1568 2450 2138	1568 2450 2138	1950 3200 2650	1950 3200 2650	1950 3200 2650
Heat Output kW 300 350 450 600 700 800 900 1000 Gas Consumption m³/hr 29.72 34.67 44.58 59.44 69.35 79.25 89.16 99.07 Gas Connection BSP 1" 1" 1¼" 1¼" 1¼" 1¼" 1¼" 2½" 2½" 2½" 11% 1" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1"	Height (mm) Width (mm) Length (mm) Burner Protrusion (mm)	B C D	1132 1490 1590 429	1132 2200 1590 429	1568 2450 2138 600	1568 2450 2138 600	1568 2450 2138 600	1950 3200 2650 600	1950 3200 2650 700	1950 3200 2650 700
Gas Consumption m³/hr 29.72 34.67 44.58 59.44 69.35 79.25 89.16 99.07  Gas Connection BSP 1" 1" 1½" 1½" 1½" 1½" 2½" 2½"  Flue Connection ø mm 250 250 300 350 350 400 400 400  Condensate Connection ø inch 1" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1"  Electrical 230v/1PH/50Hz 240v/5A 2x240v /10A 2x240v /10A 415v/10A	Height (mm) Width (mm) Length (mm) Burner Protrusion (mm)	B C D	1132 1490 1590 429 451	1132 2200 1590 429 451	1568 2450 2138 600 625	1568 2450 2138 600 625	1568 2450 2138 600 625	1950 3200 2650 600 625	1950 3200 2650 700 725	1950 3200 2650 700 725
Gas Connection         BSP         1"         1"         1 ¼"         1 ¼"         1 ¼"         1 ¼"         2 ½"	Height (mm) Width (mm) Length (mm) Burner Protrusion (mm) External Cabinet Dimension (mm) Duct Connection Width (mm)	B C D	1132 1490 1590 429 451 1390	1132 2200 1590 429 451 2100	1568 2450 2138 600 625 2350	1568 2450 2138 600 625 2350	1568 2450 2138 600 625 2350	1950 3200 2650 600 625 3100	1950 3200 2650 700 725 3100	1950 3200 2650 700 725 3100
Flue Connection ø mm 250 250 300 350 350 400 400 400 Condensate Connection ø inch 1" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1"	Height (mm) Width (mm) Length (mm) Burner Protrusion (mm) External Cabinet Dimension (mm) Duct Connection Width (mm)	B C D E F	1132 1490 1590 429 451 1390 1032	1132 2200 1590 429 451 2100 1032	1568 2450 2138 600 625 2350 1468	1568 2450 2138 600 625 2350 1468	1568 2450 2138 600 625 2350 1468	1950 3200 2650 600 625 3100 1850	1950 3200 2650 700 725 3100 1850	1950 3200 2650 700 725 3100 1850
Condensate Connection ø inch 1" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1"	Height (mm) Width (mm) Length (mm) Burner Protrusion (mm) External Cabinet Dimension (mm) Duct Connection Width (mm) Duct Connection Height (mm)	B C D E F G	1132 1490 1590 429 451 1390 1032 300	1132 2200 1590 429 451 2100 1032 350	1568 2450 2138 600 625 2350 1468 450	1568 2450 2138 600 625 2350 1468 600	1568 2450 2138 600 625 2350 1468 700	1950 3200 2650 600 625 3100 1850 800	1950 3200 2650 700 725 3100 1850 900	1950 3200 2650 700 725 3100 1850 1000
Electrical 230v/1PH/50Hz 240v/5A 2x240v/10A 2x240v/10A 415v/10A 240v/10A 24	Height (mm) Width (mm) Length (mm) Burner Protrusion (mm) External Cabinet Dimension (mm) Duct Connection Width (mm) Duct Connection Height (mm) Heat Output	B C D E F G kW m³/hr	1132 1490 1590 429 451 1390 1032 300 29.72	1132 2200 1590 429 451 2100 1032 350 34.67	1568 2450 2138 600 625 2350 1468 450 44.58	1568 2450 2138 600 625 2350 1468 600 59.44	1568 2450 2138 600 625 2350 1468 700 69.35	1950 3200 2650 600 625 3100 1850 800 79.25	1950 3200 2650 700 725 3100 1850 900 89.16	1950 3200 2650 700 725 3100 1850 1000 99.07
Electrical(Burnertech) Volts/Amps       240v/5A       240v/10A       240v/10A <th< td=""><td>Height (mm) Width (mm) Length (mm) Burner Protrusion (mm) External Cabinet Dimension (mm) Duct Connection Width (mm) Duct Connection Height (mm) Heat Output Gas Consumption</td><td>B C D E F G kW m³/hr BSP</td><td>1132 1490 1590 429 451 1390 1032 300 29.72 1"</td><td>1132 2200 1590 429 451 2100 1032 350 34.67 1"</td><td>1568 2450 2138 600 625 2350 1468 450 44.58</td><td>1568 2450 2138 600 625 2350 1468 600 59.44 1 ¼"</td><td>1568 2450 2138 600 625 2350 1468 700 69.35 1 1⁄4"</td><td>1950 3200 2650 600 625 3100 1850 800 79.25 1 ¼"</td><td>1950 3200 2650 700 725 3100 1850 900 89.16 2 ½"</td><td>1950 3200 2650 700 725 3100 1850 1000 99.07 2 ½"</td></th<>	Height (mm) Width (mm) Length (mm) Burner Protrusion (mm) External Cabinet Dimension (mm) Duct Connection Width (mm) Duct Connection Height (mm) Heat Output Gas Consumption	B C D E F G kW m³/hr BSP	1132 1490 1590 429 451 1390 1032 300 29.72 1"	1132 2200 1590 429 451 2100 1032 350 34.67 1"	1568 2450 2138 600 625 2350 1468 450 44.58	1568 2450 2138 600 625 2350 1468 600 59.44 1 ¼"	1568 2450 2138 600 625 2350 1468 700 69.35 1 1⁄4"	1950 3200 2650 600 625 3100 1850 800 79.25 1 ¼"	1950 3200 2650 700 725 3100 1850 900 89.16 2 ½"	1950 3200 2650 700 725 3100 1850 1000 99.07 2 ½"
Minimum Airflow m³/sec 6.06 7.07 9.09 12.11 14.13 16.15 18.17 20.19  Pressure drop at minimum airflow Pa 175 150 125 125 150 150 125 150	Height (mm) Width (mm) Length (mm) Burner Protrusion (mm) External Cabinet Dimension (mm) Duct Connection Width (mm) Duct Connection Height (mm) Heat Output Gas Consumption Gas Connection	B C D E F G kW m³/hr BSP ø mm	1132 1490 1590 429 451 1390 1032 300 29.72 1"	1132 2200 1590 429 451 2100 1032 350 34.67 1"	1568 2450 2138 600 625 2350 1468 450 44.58 1 ¼"	1568 2450 2138 600 625 2350 1468 600 59.44 1 ¼"	1568 2450 2138 600 625 2350 1468 700 69.35 11⁄4"	1950 3200 2650 600 625 3100 1850 800 79.25 1 ¼"	1950 3200 2650 700 725 3100 1850 900 89.16 2 ½" 400	1950 3200 2650 700 725 3100 1850 1000 99.07 2 ½" 400
Pressure drop at minimum airflow Pa 175 150 125 125 150 150 125 150	Height (mm) Width (mm) Length (mm) Burner Protrusion (mm) External Cabinet Dimension (mm) Duct Connection Width (mm) Duct Connection Height (mm) Heat Output Gas Consumption Gas Connection Flue Connection	B C D E F G kW m³/hr BSP ø mm	1132 1490 1590 429 451 1390 1032 300 29.72 1" 250	1132 2200 1590 429 451 2100 1032 350 34.67 1" 250	1568 2450 2138 600 625 2350 1468 450 44.58 1 ¼" 300	1568 2450 2138 600 625 2350 1468 600 59.44 1 ¼" 350	1568 2450 2138 600 625 2350 1468 700 69.35 1 ¼" 350 1"	1950 3200 2650 600 625 3100 1850 800 79.25 1 ¼" 400 1"	1950 3200 2650 700 725 3100 1850 900 89.16 2 ½" 400 1"	1950 3200 2650 700 725 3100 1850 1000 99.07 2 ½" 400
	Height (mm)  Width (mm)  Length (mm)  Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)  Heat Output  Gas Consumption  Gas Connection  Flue Connection  Condensate Connection  Electrical 230v/1PH/50Hz	B C D E F G kW m³/hr BSP ø mm	1132 1490 1590 429 451 1390 1032 300 29.72 1" 250 1"	1132 2200 1590 429 451 2100 1032 350 34.67 1" 250 1"	1568 2450 2138 600 625 2350 1468 450 44.58 1 ¼" 300 1" 2x240v/10A	1568 2450 2138 600 625 2350 1468 600 59.44 1 ¼" 350 1" 415v/10A	1568 2450 2138 600 625 2350 1468 700 69.35 11⁄4" 350 1" 415v/10A	1950 3200 2650 600 625 3100 1850 800 79.25 1 ¼" 400 1" 415v/10A	1950 3200 2650 700 725 3100 1850 900 89.16 2 ½" 400 1" 415v/15A	1950 3200 2650 700 725 3100 1850 1000 99.07 2 ½" 400 1"
Net Weight kg 392 520 876 970 1287 1461 1786 1984	Height (mm)  Width (mm)  Length (mm)  Burner Protrusion (mm)  External Cabinet Dimension (mm)  Duct Connection Width (mm)  Duct Connection Height (mm)  Heat Output  Gas Consumption  Gas Connection  Flue Connection  Condensate Connection  Electrical 230v/1PH/50Hz  Electrical(Burnertech) Volts/Amps	B C D E F G kW m³/hr BSP ø mm ø inch	1132 1490 1590 429 451 1390 1032 300 29.72 1" 250 1" 240v/5A	1132 2200 1590 429 451 2100 1032 350 34.67 1" 250 1" 2x240v/10A	1568 2450 2138 600 625 2350 1468 450 44.58 1 1/4" 300 1" 2x240v/10A	1568 2450 2138 600 625 2350 1468 600 59.44 1 ¼" 350 1" 415v/10A	1568 2450 2138 600 625 2350 1468 700 69.35 1½" 350 1" 415v/10A 240v/10A	1950 3200 2650 600 625 3100 1850 800 79.25 1 ¼" 400 1" 415v/10A 240v/10A	1950 3200 2650 700 725 3100 1850 900 89.16 2 ½" 400 1" 415v/15A 240v/10A	1950 3200 2650 700 725 3100 1850 1000 99.07 2½" 400 1" 415v/15A 240v/10A
	Height (mm) Width (mm) Length (mm) Burner Protrusion (mm) External Cabinet Dimension (mm) Duct Connection Width (mm) Duct Connection Height (mm) Heat Output Gas Consumption Gas Connection Flue Connection Condensate Connection Electrical 230v/1PH/50Hz Electrical(Burnertech) Volts/Amps Minimum Airflow	B C D E F G kW m³/hr BSP ø mm ø inch	1132 1490 1590 429 451 1390 1032 300 29.72 1" 250 1" 240v/5A 240v/5A	1132 2200 1590 429 451 2100 1032 350 34.67 1" 250 1" 2x240v/10A 240v/10A	1568 2450 2138 600 625 2350 1468 450 44.58 1 1/4" 300 1" 2x240v/10A 240v/10A	1568 2450 2138 600 625 2350 1468 600 59.44 1¼" 350 1" 415v/10A 240v/10A	1568 2450 2138 600 625 2350 1468 700 69.35 1½" 350 1" 415v/10A 240v/10A	1950 3200 2650 600 625 3100 1850 800 79.25 1 ¼" 400 1" 415v/10A 240v/10A	1950 3200 2650 700 725 3100 1850 900 89.16 2½" 400 1" 415v/15A 240v/10A 18.17	1950 3200 2650 700 725 3100 1850 1000 99.07 2½" 400 1" 415v/15A 240v/10A 20.19



### RHC+ WMI External Module



### Condensing External Heat Module

Ideal for higher heat outputs in one unit, one flue and one gas connection, reducing installation cost.

Combustion chamber and heat exchanger 304 stainless steel as standard.

45kW to 1000kW heat outputs, fitted with condensing fully modulating 6:1 turndown burners low NOx to reduce emissions and increase efficiency.

Ideal for replacement market and Air Handing Unit installation.

### RHC+ WMI External Module REZ



Width (mm)         B         1000         1000         1200         1200         1400         1400           Length (mm)         C         1230         1230         1230         1230         1230         1230         1590           Burner Protrusion (mm)         D         319         319         319         429         429         428         428           External Cabinet Dimension (mm)         E         344         344         344         451         451         451         451           Duct Connection Width (mm)         F         900         900         900         1100         1100         1300         1300           Duct Connection Height (mm)         G         650         650         650         650         850         850           Heat Output         kW         45         60         90         120         150         180         210           Gas Consumption         m³/hr         4.46         5.94         8.92         11.89         14.86         17.83         20.80           Gas Connection         BSP         ½"         ½"         ¾"         ¾"         1"         1"         1"         1"         1"         1"         1" <th>RHC+ WMI External Module</th> <th></th> <th>45</th> <th>60</th> <th>90</th> <th>120</th> <th>150</th> <th>180</th> <th>210</th> <th>260</th>	RHC+ WMI External Module		45	60	90	120	150	180	210	260
Length (mm)         C         1230         1230         1230         1230         1230         1230         1230         1590           Burner Protrusion (mm)         D         319         319         319         429         429         428         428           External Cabinet Dimension (mm)         E         344         344         344         451         451         451         451           Duct Connection Width (mm)         F         900         900         900         1100         1100         1300         1300           Duct Connection Height (mm)         G         650         650         650         650         850         850           Heat Output         kW         45         60         90         120         150         180         210           Gas Consumption         m³/hr         4.46         5.94         8.92         11.89         14.86         17.83         20.80           Gas Connection         BSP         ½"         ½"         ½"         ½"         ½"         ½"         1"         1"         1"         1"         1"         1"         1"         1"         1"         1"         1"         1"         1"         1	Height (mm)	Α	750	750	750	750	750	950	950	1132
Burner Protrusion (mm)         D         319         319         319         429         429         428         428           External Cabinet Dimension (mm)         E         344         344         344         451	Width (mm)	В	1000	1000	1000	1200	1200	1400	1400	1490
External Cabinet Dimension (mm) E 344 344 344 451 451 451 451 Duct Connection Width (mm) F 900 900 900 1100 1100 1300 1300 1300 Duct Connection Height (mm) G 650 650 650 650 650 850 850 850 Heat Output kW 45 60 90 120 150 180 210 Gas Consumption m³/hr 4.46 5.94 8.92 11.89 14.86 17.83 20.80 Gas Connection BSP ½" ½" ¾" ¾" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1"	Length (mm)	С	1230	1230	1230	1230	1230	1230	1590	1590
Duct Connection Width (mm)         F         900         900         900         1100         1300         1300           Duct Connection Height (mm)         G         650         650         650         650         850         850           Heat Output         kW         45         60         90         120         150         180         210           Gas Consumption         m³/hr         4.46         5.94         8.92         11.89         14.86         17.83         20.80           Gas Connection         BSP         ½"         ½"         ¾"         ¾"         1"         2         240v/5A         240v/5A	Burner Protrusion (mm)	D	319	319	319	429	429	428	428	428
Duct Connection Height (mm)         G         650         650         650         650         850         850         850           Heat Output         kW         45         60         90         120         150         180         210           Gas Consumption         m³/hr         4.46         5.94         8.92         11.89         14.86         17.83         20.80           Gas Connection         BSP         ½"         ½"         ½"         ½"         ½"         1"         1"         1"         1"           Flue Connection         ø mm         130         130         130         130         200         250           Condensate Connection         ø inch         ¾"         ¾"         ¾"         ¾"         ¾"         1"         1"         1"           Electrical (Riello) Volts/Amps         240v/5A         240v/5	External Cabinet Dimension (mm)	Е	344	344	344	451	451	451	451	451
Heat Output kW 45 60 90 120 150 180 210  Gas Consumption m³/hr 4.46 5.94 8.92 11.89 14.86 17.83 20.80  Gas Connection BSP ½" ½" ½" ¾" 1" 1" 1" 1"  Flue Connection ø mm 130 130 130 130 130 200 250  Condensate Connection ø inch ¾" ¾" ¾" ¾" 1" 1" 1"  Electrical (Riello) Volts/Amps 240v/5A 240v/5A 240v/5A 240v/5A 240v/5A 240v/5A 240v/5A  Electrical(Burnertech) Volts/Amps 240v/5A 240v/5A 240v/5A 240v/5A 240v/5A 240v/5A  Minimum Airflow m³/sec 0.91 1.22 1.82 2.42 3.04 3.64 4.24  Pressure drop at minimum airflow kg 190 195 195 228 232 320 340  RHC+ WMI External Module 8 300 350 450 600 700 800 900  Height (mm) A 1132 1132 1568 1568 1568 1950 1950  Width (mm) B 1490 2200 2450 2450 2450 3200 3200  Length (mm) C 1590 1590 2138 2138 2138 2650 2650  Burner Protrusion (mm) D 429 429 600 600 600 600 600	Duct Connection Width (mm)	F	900	900	900	1100	1100	1300	1300	1390
Gas Consumption         m³/hr         4.46         5.94         8.92         11.89         14.86         17.83         20.80           Gas Connection         BSP         ½"         ½"         ¾"         ¾"         1"         1"         1"           Flue Connection         ø mm         130         130         130         130         200         250           Condensate Connection         ø inch         ¾"         ¾"         ¾"         ¾"         1"         1"         1"           Electrical (Riello) Volts/Amps         240v/5A         240v/5A<	Duct Connection Height (mm)	G	650	650	650	650	650	850	850	1032
Gas Connection         BSP         ½"         ½"         ½"         ¾"         1"         1"         1"         1"           Flue Connection         ø mm         130         130         130         130         130         200         250           Condensate Connection         ø inch         ¾"         ¾"         ¾"         ¾"         ¾"         1"         1"         1"           Electrical (Riello) Volts/Amps         240v/5A         240v/	Heat Output	kW	45	60	90	120	150	180	210	260
Flue Connection         ø mm         130         130         130         130         200         250           Condensate Connection         ø inch         ¾"         ¾"         ¾"         ¾"         ¾"         ¾"         ¾"         ¾"         1"         240v/5A         240v/5A <td>Gas Consumption</td> <td>m³/hr</td> <td>4.46</td> <td>5.94</td> <td>8.92</td> <td>11.89</td> <td>14.86</td> <td>17.83</td> <td>20.80</td> <td>25.76</td>	Gas Consumption	m³/hr	4.46	5.94	8.92	11.89	14.86	17.83	20.80	25.76
Condensate Connection         Ø inch         ¾"         ¾"         ¾"         ¾"         ¾"         ¾"         ¾"         ¾"         1"         240v/5A	Gas Connection	BSP	1/2"	1/2"	3/4"	3/4"	1"	1"	1"	1 1⁄4"
Electrical (Riello) Volts/Amps         240v/5A	Flue Connection	ø mm	130	130	130	130	130	200	250	250
Electrical(Burnertech) Volts/Amps         240v/5A         <	Condensate Connection	ø inch	3/4"	3/4"	3/4"	3/4"	3/4"	1"	1"	1"
Minimum Airflow         m³/sec         0.91         1.22         1.82         2.42         3.04         3.64         4.24           Pressure drop at minimum airflow         Pa         125         150         175         125         150         125         150           Net Weight         kg         190         195         195         228         232         320         340           RHC+ WMI External Module         300         350         450         600         700         800         900           Height (mm)         A         1132         1132         1568         1568         1950         1950           Width (mm)         B         1490         2200         2450         2450         2450         3200         3200           Length (mm)         C         1590         1590         2138         2138         2138         2650         2650           Burner Protrusion (mm)         D         429         429         600         600         600         600         600         700	Electrical (Riello) Volts/Amps		240v/5A	240v/5A	240v/5A	240v/5A	240v/5A	240v/5A	240v/5A	240v/5A
Pressure drop at minimum airflow         Pa         125         150         175         125         150         125         150           Net Weight         kg         190         195         195         228         232         320         340           RHC+ WMI External Module         300         350         450         600         700         800         900           Height (mm)         A         1132         1132         1568         1568         1568         1950         1950           Width (mm)         B         1490         2200         2450         2450         2450         3200         3200           Length (mm)         C         1590         1590         2138         2138         2138         2650         2650           Burner Protrusion (mm)         D         429         429         600         600         600         600         600         700	Electrical(Burnertech) Volts/Amps		240v/5A	240v/5A	240v/5A	240v/5A	240v/5A	240v/5A	240v/5A	240v/5A
Net Weight         kg         190         195         195         228         232         320         340           RHC+ WMI External Module         300         350         450         600         700         800         900           Height (mm)         A         1132         1132         1568         1568         1568         1950         1950           Width (mm)         B         1490         2200         2450         2450         2450         3200         3200           Length (mm)         C         1590         1590         2138         2138         2138         2650         2650           Burner Protrusion (mm)         D         429         429         600         600         600         600         700	Minimum Airflow	m³/sec	0.91	1.22	1.82	2.42	3.04	3.64	4.24	5.46
RHC+ WMI External Module 300 350 450 600 700 800 900  Height (mm) A 1132 1132 1568 1568 1568 1950 1950  Width (mm) B 1490 2200 2450 2450 2450 3200 3200  Length (mm) C 1590 1590 2138 2138 2138 2650 2650  Burner Protrusion (mm) D 429 429 600 600 600 600 700	Pressure drop at minimum airflow	Pa	125	150	175	125	150	125	150	160
Height (mm)       A       1132       1132       1568       1568       1568       1950       1950         Width (mm)       B       1490       2200       2450       2450       2450       3200       3200         Length (mm)       C       1590       1590       2138       2138       2138       2650       2650         Burner Protrusion (mm)       D       429       429       600       600       600       600       700	Net Weight	kg	190	195	195	228	232	320	340	384
Height (mm)       A       1132       1132       1568       1568       1568       1950       1950         Width (mm)       B       1490       2200       2450       2450       2450       3200       3200         Length (mm)       C       1590       1590       2138       2138       2138       2650       2650         Burner Protrusion (mm)       D       429       429       600       600       600       600       700	RHC+ WMI External Module		300	350	450	600	700	800	900	1000
Width (mm)       B       1490       2200       2450       2450       2450       3200       3200         Length (mm)       C       1590       1590       2138       2138       2138       2650       2650         Burner Protrusion (mm)       D       429       429       600       600       600       600       700		A								1950
Length (mm)       C       1590       1590       2138       2138       2138       2650       2650         Burner Protrusion (mm)       D       429       429       600       600       600       600       700										3200
Burner Protrusion (mm) D 429 429 600 600 600 700										2650
										700
										725
Duct Connection Width (mm) F 1390 2100 2350 2350 2350 3100 3100										3100
Duct Connection Height (mm) G 1032 1032 1468 1468 1468 1850 1850			1032					1850	1850	1850
Heat Output kW 300 350 450 600 700 800 900	5									1000
Gas Consumption m³/hr 29.72 34.67 44.58 59.44 69.35 79.25 89.16	·									99.07
Gas Connection BSP 1" 1" 1½" 1½" 1½" 1½" 2½"	·									2 ½"
Flue Connection ø mm 250 250 300 350 400 400										400
Condensate Connection ø inch 1" 1" 1" 1" 1" 1" 1" 1"										1"
	Electrical 230v/1PH/50Hz		240v/5A	2x240v/10A	2x240v/10A		415v/10A	415v/10A	415v/15A	415v/15A
			240v/5A	240v/10A	240v/10A	240v/10A	240v/10A	240v/10A	240v/10A	240v/10A
		m³/sec								20.19
Electrical(Burnertech) Volts/Amps 240v/5A 240v/10A 240v/10A 240v/10A 240v/10A 240v/10A 240v/10A	Minimum Airflow	111 /300	0.00	7.07	7.07	14.11	17.13	10.15	10.17	
Electrical(Burnertech) Volts/Amps 240v/5A 240v/10A 240v/10A 240v/10A 240v/10A 240v/10A 240v/10A										150

### **About Us**

We are Reznor: We deliver sustainable HVAC products and solutions that improve the environment in which we live and work. We offer the widest and most complete range of HVAC products in the market. Our extensive product range and wealth of knowledge allows us to work with our customers to design the most efficient HVAC solutions to meet their unique requirements.

What does it mean to choose Reznor? With our forward-thinking approach, we're dedicated to fulfilling our customers' needs in the best way possible. We not only design and engineer, we are always ready to support you and truly listen.

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heating performance
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heating systems.

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#### **Contact Us**



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