

# Technical Product Submittal – i-32V516

<b>Model Number:</b>	16
<b>HEATING</b>	
(1) Min. Input Power (kW):	3.49
(1) Min. Heating Capacity (kW):	7.36
(1) Nom. Heating Capacity (kW):	16.3
(1) Max. Heating Capacity (kW):	17.6
(2) Max. Input Power (kW):	4.24
(2) Min. Heating Capacity (kW):	7.06
(2) Nom. Heating Capacity (kW):	15.8
(2) Max. Heating Capacity (kW):	17
(1) C.O.P. (W/W):	4.67
(2) C.O.P. (W/W):	3.72
S.C.O.P. (W/W):	4.5
Water Flow Rate (L/s):	0.76
ERP Efficiency Class (Water @ 35°C/55°C):	A+++/A++
<b>COMPRESSOR</b>	
Compressor Type:	Twin Rotary DC Inverter
Number of Compressors:	1
<b>REFRIGERANT</b>	
Refrigerant Type:	R32
<b>FANS</b>	
Fan Type:	DC Brushless Motor
Number of Fans:	2
<b>INTERNAL HEAT EXCHANGER</b>	
Type of Heat Exchanger:	Plates
Number of Heat Exchangers:	1
Water Content (L):	1.7
Heat Exchanger Pressure Drop (kPa):	17.5
<b>WATER CIRCUIT</b>	
Water Content of Hydraulic Circuit (L):	3
Max. Water Side Pressure (bar):	6
Min. Water Volume (L):	70
Max. Circulator Output (kW):	0.14
<b>ELECTRICAL DATA</b>	
Power Supply (V):	230
Max. Input Power (kW):	7
Max. Input Power w/Antifreeze Kit (kW):	7.1
<b>NOISE LEVEL</b>	
Sound Power Level (dB):	68
Sound Pressure Level @ 10m (dB):	36.6
<b>WEIGHT</b>	
Operating Weight (kg):	126

**Performance referring to the following conditions, according to standard 14511:2018:**

1. Heating: outdoor air temperature 7°C DB/6°C WB\*; in/out water temp 30/35°C.
2. Sound power level: heating mode condition (1); value calculated based on measurements made in accordance with standard UNI EN ISO 9614- 2, compliant with the requirements of the Eurovent certification.
3. Sound pressure level: value calculated from the sound power level using ISO 3744:2010.

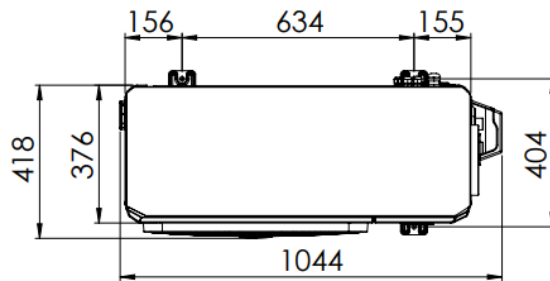
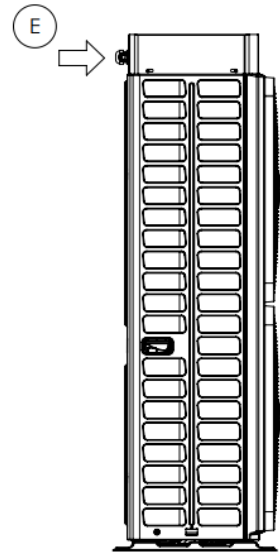
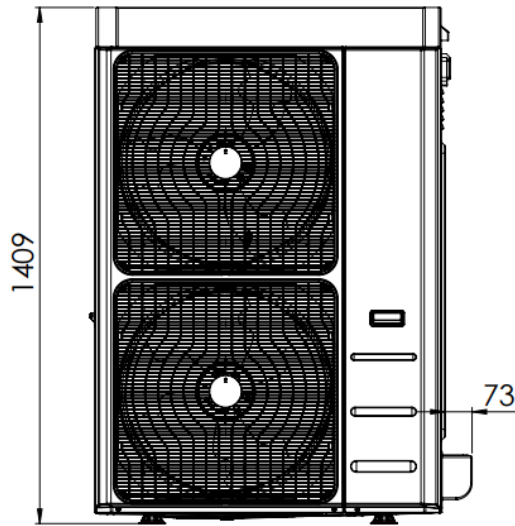
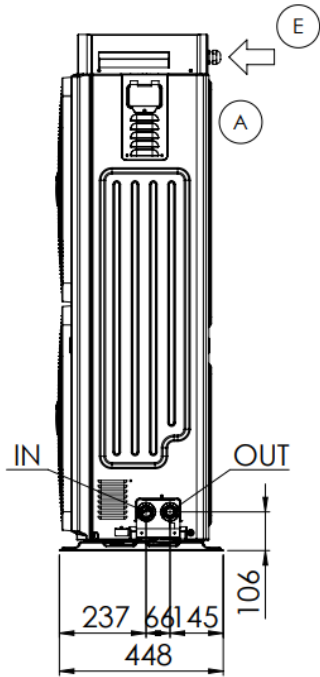
\*DB & WB represent dry-bulb and wet-bulb air temperatures respectively



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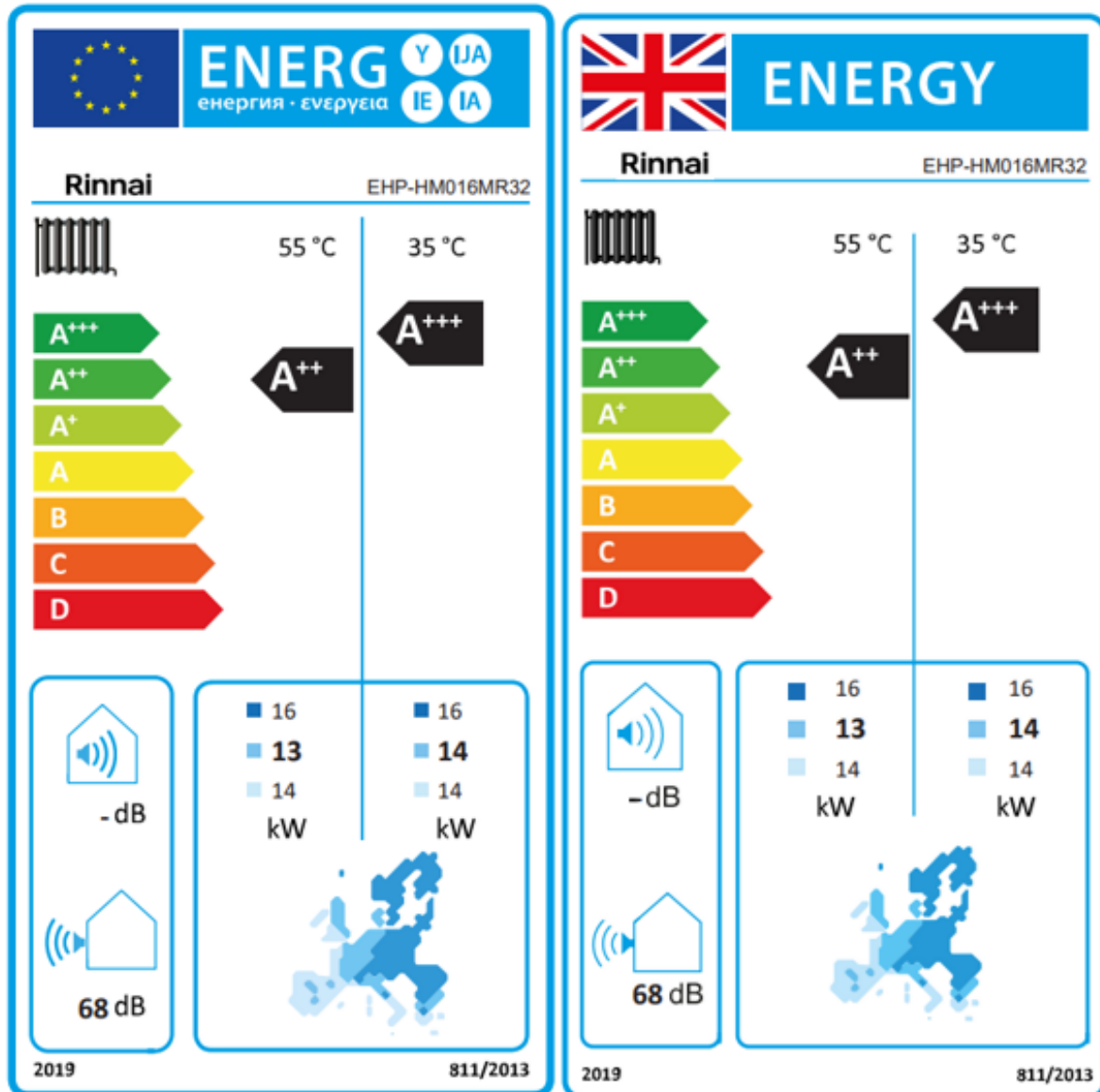
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# Data label and Product Fiche – i-32V516



Product Fiche		Unit
Supplier's Name	Rinnai UK	
Supplier's Model	i-32V510	
ERP Efficiency Class	A+++ / A++	
COP <sub>1</sub>	4.67	W/W
COP <sub>2</sub>	3.72	W/W
SCOP	4.5	W/W
Heating Input <sub>1</sub>	3.49	kW
Heating Input <sub>2</sub>	4.24	kW
Temperature Setting*	60	°C
Refrigerant Type	R32	
Indoor Sound Power Level (LWA)	68	dB



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