

Technical Product Submittal – HPMAX 75

Model Number:	475
HEATING	
(1) Min. Input Power (kW):	18.44
(1) Heating Capacity (kW):	74.7
(2) Max. Input Power (kW):	22.19
(2) Heating Capacity (kW):	71
(1) C.O.P. (W/W):	4.05
(2) C.O.P. (W/W):	3.2
S.C.O.P. (W/W):	3.55
Water Flow Rate (L/s):	3.4
ERP Efficiency Class (Water @ 35°C/55°C):	A+/A+
COMPRESSOR	
Compressor Type:	Scroll
Number of Compressors:	2 DC Inverter + 2 ON OFF
REFRIGERANT	
Refrigerant Type:	R410A
FAN MOTOR	
Fan Type:	EC Axial
Number of Fans:	2
Rated Power Input (kW):	2.7
Max. Power Input (kW):	3.9
Rated Air Flow (m ³ /s):	7 x 2
INTERNAL HEAT EXCHANGER	
Type of Heat Exchanger:	Plates
Number of Heat Exchangers:	1
Water Content (L):	4.76
Heat Exchanger Pressure Drop (kPa):	36
HYDRAULIC CIRCUIT	
Max. Pressure of Hydronic Kit (bar):	6
Min. Water Volume (L):	200
HYDRAULIC CIRCUIT w/INTEGRATED AC PUMP	
Available Head Pressure (kPa):	79
Nominal Power of the AC Pump (kW):	1
Max. Power of the AC Pump (kW):	1.1
ELECTRICAL DATA	
Power Supply (V):	400
Max. Input Power (kW):	42.3
NOISE LEVEL	
Sound Power Level (dB):	84
SL Sound Power Level (dB):	82.5
Sound Pressure Level @ 10m (dB):	52.2
WEIGHT	
Operating Weight (kg):	946

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.

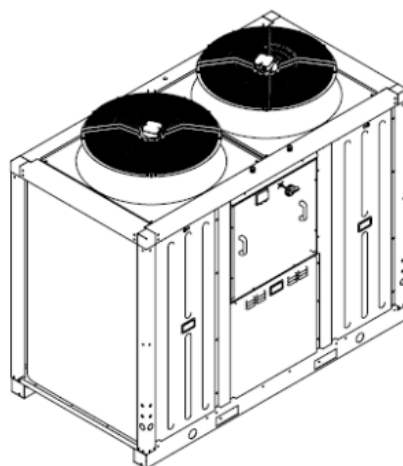
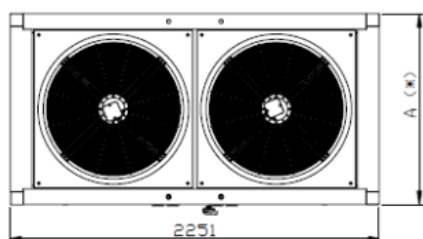
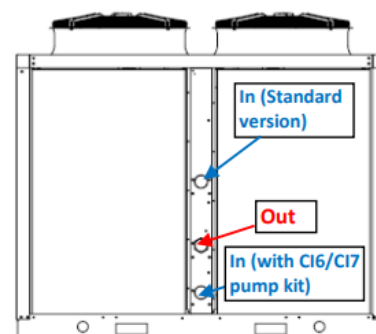
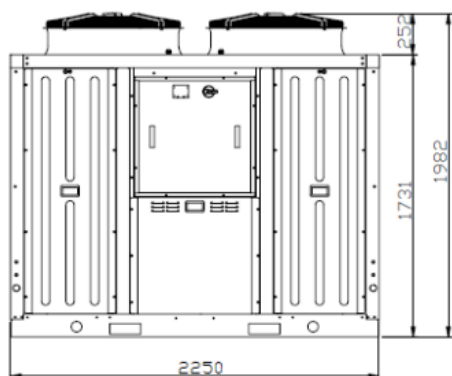
*DB & WB represent dry-bulb and wet-bulb air temperatures respectively



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Models	A
i-MAX 0466 / i-MAX-SSL 0466	1170
i-MAX 0475 / i-MAX-SSL 0475	1170
i-MAX 0485 / i-MAX-SSL 0485	1170
i-MAX 0695 / i-MAX-SSL 0695	1170
i-MAX 06105 / i-MAX-SSL 06105	1450
i-MAX 06115 / i-MAX-SSL 06115	1450

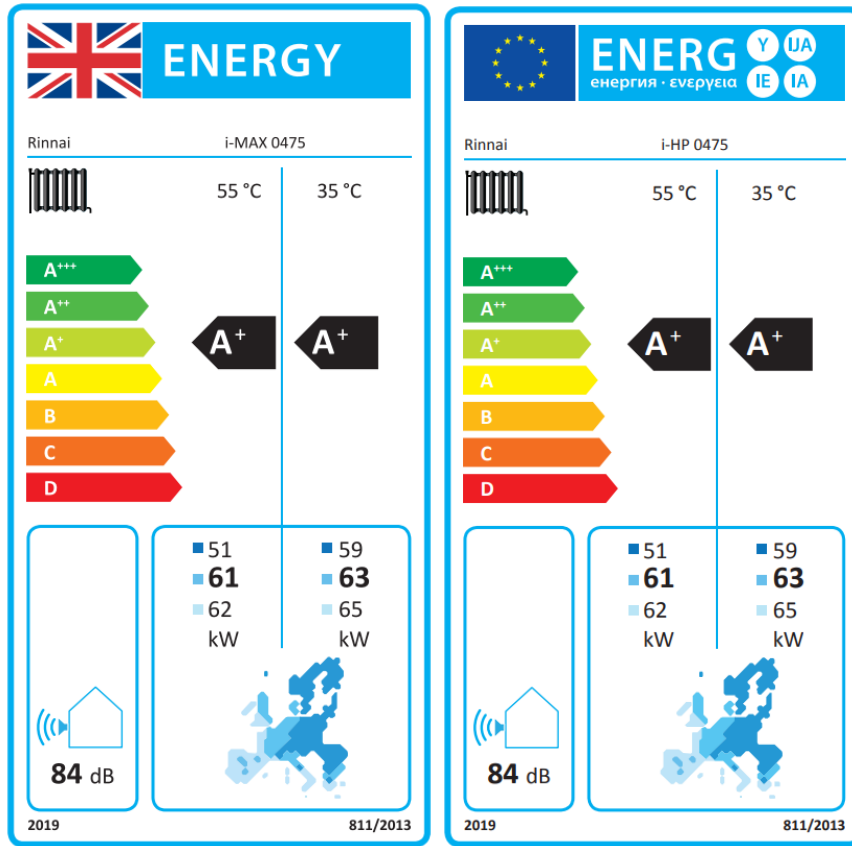
Model	With AxiTop accessory	Height H [mm]	Max Packing height [mm]
i-MAX 0466 / i-MAX 0475 i-MAX 0485 / i-MAX 0695	no	1985	2150
	si	2180	2340
i-MAX 06105 / i-MAX 06115	no	2010	2170
	si	2270	2430



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Energy Labels and Product Fiche – HPMAX 75



Product Fiche		Unit
Supplier's Name	Rinnai UK	
Supplier's Model	HPMAX 75	
ERP Efficiency Class	A+/A+	
COP ₁	4.05	W/W
COP ₂	3.20	W/W
SCOP	3.55	W/W
Heating Input ₁	18.44	kW
Heating Input ₂	22.19	kW
Temperature Setting*	60	°C
Refrigerant Type	R410A	
Indoor Sound Power Level (LWA)	84	dB
SL Indoor Sound Power Level (LWA)	82.5	dB
Sound Pressure Level @ 10m (dB)	52.2	dB



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