

Model: IP A *P/ST//OO/OO 0081**
Options: Base-P HP 1-0 OO

COOLING

Performance data		
Cooling capacity	kW	22.0
Total power input	kW	7.28
Compressor input power	kW	6.50
Current input	A	13.5
Power factor	-	0.53
EER	W/W	3.02
Source		
Altitude	m	0.0
Dry bulb temp. outdoor air	°C	35.0
Relative humidity outdoor air	%	49.3
Air flow rate	m ³ /h	11136
Fans power input	kW	0.78
Fans current input	A	1.60
Fans available static pressure	Pa	0

User		
Fluid type		Ethylene glycol
(concentration)	%	25.0%
Fouling fact.	m ² K/k	0.000
In/out fluid temp.	°C	12.0/7.0
Fluid flow rate	m ³ /h	3.780
Circuit pressure drops	kPa	38.7
Pump available static pressure	kPa	423.1
Max pump available static	kPa	423.1

DESIGN AND SIZING DATA

UNIT GENERAL DATA		
Compressor type		Scroll
Number of compressors		1
Number of refrigerant circuits		1
Capacity steps		1
Minimum capacity step	%	100.0
Refrigerant type		R410A
GWP		2087.5
Total refrigerant charge	kg	4.00
CO2 equivalent charge	kg	8350

DIMENSIONS		
Length	mm	1280
Width	mm	990
Height	mm	2090
Shipping weight	kg	425
Operating weight	kg	435

FANS		
Fan type		Axial
Fan motor		AC
Number of fans		1
Maximum power input	kW	0.95
Maximum current input FLA	A	1.90

ELECTRICAL DATA		
Nominal power supply	Ph/V/Hz	3/400/50
Maximum voltage supply	V	440
Minimum voltage supply	V	360
Maximum power input	kW	11.5
Maximum current input FLA	A	22.6
Maximum peak current LRA	A	107
Power input in stand-by mode	kW	0.00300
Power factor		0.74

Sound levels		
Calculated sound power	db(A)	84
Sound pressure ^(CO) [10.0 m]	db(A)	52



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HYDRAULIC CIRCUITS

USER HYDRAULIC CIRCUIT		
Maximum power input	kW	2.00
Maximum current input FLA	A	4.50

(A0) The technical data shown are indicative and not binding. Euroklimat S.p.A. reserves the right to make any changes necessary to the improvement of the product at any time without notice.

(A1) Dimensional data shown are indicative and not binding.

(A2) According to standard: EN 14511

(C0) The sound pressure level (average value) is calculated according to the following sound propagation method: hemispherical source in compliance with the standard ISO EN 3744 (non-binding value obtained from the sound power level). Sound values referred with unit operation at 50 Hz.