



i-AX PRECISE

Model		12	18
Frame		F2	
No. of circuits/ No. of compressors		1/1	
Refrigerant		R410A	R410A
Nominal air flow	mc/h	3500	4900
Power supply	V/Ph/Hz	230/1/50	400/3N/50
PERFORMANCE			
Maximum speed			
Total cooling capacity	(1) kW	11,1	16,6
Sensible cooling capacity	(1) kW	10,6	16,6
SHR	(1)	0,95	1,00
Compressors absorbed power	kW	2,54	4,09
EC BASIC radial fans absorbed power	kW	0,35	0,84
EC HP radial fans absorbed power	kW	0,27	0,47
Modulating cooling capacity		0 ÷ 100%	
MODULATING HOT GAS			
Heating capacity	(2) kW	10,2	12,5
FAN SECTION			
No. EC radial fans		2	2
No. EC HP radial fans		2	2
Sound pressure level	(5) dB(A)	49	53
HUMIDIFIER			
Capacity	kg/h	3	3
ELECTRICAL HEATERS			
Steps		3	3
Heating capacity	kW	5,4	8,1
DIMENSIONS			
Length	mm	1000	1000
Depth	mm	500	500
Height	mm	1980	1980

i-AW PRECISE

Model		12	18
Frame		F2	
No. of circuits/ No. of compressors		1/1	
Refrigerant		R410A	R410A
Nominal air flow	mc/h	3500	4900
Power supply	V/Ph/Hz	230/1/50	400/3N/50
PERFORMANCE			
Maximum speed			
Total cooling capacity	(1) kW	11,7	17,4
Sensible cooling capacity	(1) kW	10,9	17,0
SHR	(1)	0,93	0,98
Compressors absorbed power	kW	2,12	3,68
EC BASIC radial fans absorbed power	kW	0,35	0,84
EC HP radial fans absorbed power	kW	0,27	0,47
Modulating cooling capacity		0 ÷ 100%	
MODULATING HOT GAS			
Heating capacity	(2) kW	10,2	12,5
FAN SECTION			
No. EC radial fans		2	2
No. EC HP radial fans		2	2
Sound pressure level	(5) dB(A)	49	53
HUMIDIFIER			
Capacity	kg/h	3	3
ELECTRICAL HEATERS			
Steps		3	3
Heating capacity	kW	5,4	8,1
DIMENSIONS			
Length	mm	1000	1000
Depth	mm	500	500
Height	mm	1980	1980

NOTE

- 1) Input air condition 24°C/50%, Condensation temperature 45°C - ESP 20Pa
- 2) Input air condition 24°C/50%, Condensation temperature 45°C
- 3) Measured at 1.5m height and 2m in front of the unit in free field

ELECTRONIC THERMOSTATIC VALVE



Thanks to its wide modulation the electronic valve allows one to follow the entire operating field variation of the inverter compressor.

This allows for:

- Rapidly reaching system stability
- Precise adaptation to load fluctuations

ADVANCED CONTROL

EVOLUTION+
CONTROLLER



EVOLUTION + is the electronic heart installed in all the i-ACCURATE PRECISE units designed by Climaveneta to guarantee reliability, efficiency and perfect control of all the parameters. Totally configurable and flexible according to the specific requests of the user, the controller presents evolved characteristics, including:

- Automatic reactivation after black out
- Processing of up to 200 events
- Serial cards for BMS interfacing
- Clock function
- BLACK BOX for preventive analyses
- Display with GRAPHIC ICONS