



i-accurate i-AX

Air cooled direct expansion unit, with R410A refrigerant and DC inverter driven compressor. From 4 to 151 kW.

Configurations:

BASIC - For applications up to 32°C intake air



Model		12	18	20	29	50	70	90	130	150
Frame		F2		F3		F4	F5	F6	F7	
No. Circuits/ No. Compressors		1/1	1/1	1/1	1/1	1/1	2/2	2/2	2/3	2/3
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Nominal air flow	mc/h	3500	4900	6500	8000	13500	19000	25000	30000	30000
Power supply	V/Ph/Hz	230/1/50		400/3N/50						
PERFORMANCE										
High speed										
Total cooling capacity	(1) kW	11,1	16,60	19,32	28,07	55,00	70,20	86,50	135,9	151,8
Sensible cooling capacity	(1) kW	10,6	16,60	19,32	28,07	51,10	68,10	85,50	116,2	124,1
SHR	(1)	0,95	1,00	1,00	1,00	0,93	0,97	0,99	0,86	0,82
Compressors absorbed power	kW	2,54	4,09	4,25	7,14	13,20	15,80	20,30	30,80	35,00
EC radial fans power abs.	kW	0,35	0,84	1,35	1,80	3,20	4,5	6,1	-	-
HP EC radial fans power abs.	kW	0,27	0,47	0,80	1,51	3,13	5,11	6,72	6,90	6,90
Low speed										
Total cooling capacity	(1) kW	4,3	6,3	7,2	10,6	25,4	23,6	24,3	24,7	24,7
Sensible cooling capacity	(1) kW	4,3	6,3	7,2	10,6	25,4	23,6	24,3	24,7	24,7
SHR	(1)	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
Compressors absorbed power	kW	0,88	1,24	1,33	1,96	4,31	4,40	4,30	4,60	4,60
VENTILATION										
No. EC radial fans		2	2	1	1	2	3	3	-	-
No. HP EC radial fans		2	2	1	1	2	3	4	3	3
Sound pressure level	(5) dB(A)	49	53	60	60	64	67	67	69	69
HUMIDIFIER										
Capacity	kg/h	3	5	5	5	5	8	8	8	8
ELECTRICAL HEATERS										
Steps		3	3	3	3	3	3	3	3	3
Heating Capacity	kW	4	8	9	9	15	18	18	18	18
DIMENSIONS										
Length	mm	1000		1000	1000	1550	2100	2650	2650	
Depth	mm	500		790	790	790	790	790	890	
Height	mm	1980		1980	1980	1980	1980	1980	2180	

NOTES

1) Air IN 24°C-50%, cond. water temperature 45°C - ESP 20Pa

5) Measured at 1,5m height, 2m in front of the unit in free field

The units highlighted in this publication contain HFC R410A [GWP₁₀₀ 1975] fluorinated greenhouse gases.