

# ColdAIR

## TECHNICAL CHARACTERISTICS

Model		WALL INSTALLATION			ROOF / WALL INSTALLATION				
		FPA109	FPA159	TA209-2SD	TC 109	TA159	TA209	TC 209	TA309
Air flow	m <sup>3</sup> /h	5.000	6.500	10.000	6.500	6.500	10.000	10.000	13.500
		7.500	9.700	15.000	10.000	9.700	15.000	20.000	19.000
		10.000	13.000	20.000		13.000	20.000		27.000
Cooling capacity	KW	24	32	49	24	32	49	49	66
Fan type / number		axial / 1	axial / 1	axial / 2	centrifugal / 1	axial / 1	axial / 2	centrifugal / 2	axial / 2
Power supply	V/Ph/Hz	230V /1/ 50Hz	230V /1/ 50Hz	230V /1/ 50Hz	400V-3N /3/ 50Hz	230V /1/ 50Hz	230V /1/ 50Hz	400V-3N /3/ 50Hz	230V /1/ 50Hz
Absorbed current	A	3,7	4,8	7,0	3,5	4,8	7,0	7,0	9,3
Power consumption	KW	0,9	1,2	1,8	1,6	1,2	1,8	3,2	2,2
Water consumption <sup>(1)</sup>	lt/h	34	39	66	43	43	64	64	75
Dimensions WxDxH	mm	1300x670x1300	1300x670x1300	1610x1150x1335	1150x1150x1050	1150x1150x1050	1610x1150x1050	1610x1150x1050	1610x1150x1335
Water inlet Diam.	inch	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Drain hose Diam.	mm	60	60	60	60	60	60	60	60
Air duct dimensions	mm	600x600	600x600	1185x590	395x465	600x600	1185x590	850x470	1185x590
Air duct length max		5 m + 1 elbow	5 m + 1 elbow	5 m + 1 elbow	refer to perform. curve	5 m + 1 elbow	5 m + 1 elbow	refer to perform. curve	5 m + 1 elbow
Weight (empty/full)	Kg	60 / 75	63 / 78	150 / 180	110 / 130	67 / 88	120 / 146	200 / 220	135 / 163
Ingress Protection rating	IP	IP 55	IP 55	IP 55	IP 55	IP 55	IP 55	IP 55	IP 55
Sound pressure level <sup>(2)</sup> min/max	db(A)	49 / 65	50 / 66	53 / 68	54 / 66	50 / 66	53 / 68	56 / 71	54/73

Evaporative pads									
Thickness	mm	100	100	100	100	100	100	100	100
Surface area	sq.m.	2,0	2,0	3,1	2,7	2,7	3,4	3,4	4,4
Saturation efficiency <sup>(3)</sup>	%	88	88	88	88	88	88	88	88

(1) TA/FPA models: max - TC models: average

(2) Free space - 4m distance

(3) Test conditions: - Ext. Temp: 33°C / Ext. R.H. 60%