

The range



AC

Close control air conditioner 6 - 225 kW



Ductable close control air-conditioners with capacities ranging from 6 to 225 kW for vertical installation and cooling only, with optional heating by means of heating element or hot water, optional humidifier and dehumidifier for precise temperature and humidity control.

Particularly suitable for air-conditioning server and CED rooms and all technological applications in general. The unit has to be connected to an external chiller. Power supply std 400V/3N/50Hz (230/1/50 for AC05-07-09), 60Hz versions also available (230V/3/60Hz, 380V/3/60Hz, 460V/3/60Hz).

AC Chilled Water

Model		0061	0101	0131	0161	0201	0261	0331	0401	0501	0601	0701	0901	1151	1201	1401	1551	1801	2001	2251		
Frames		FRAME 1			FRAME 2			FRAME 3			FRAME 4		FRAME 5		FRAME 7				FRAME 8			
Airflow	m³/h	1800	2500	2500	5000			10000			12500		21000		25000	25000	30000	30000	36000			
PERFORMANCE																						
Total cooling capacity	(1) kW	6,0	10,7	13,3	15,7	20,6	26,6	32,8	40,3	50,2	60,1	69,9	89,1	112,4	118,6	138,7	155,0	178,0	197,0	225,0		
Sensible cooling capacity	(1) kW	5,1	8,6	10,2	13,5	16,6	20,4	29,6	34,8	41,4	48,3	54,8	74,3	89,8	95,5	109,0	127,0	136,0	156,0	168,0		
SHR	(1)	0,84	0,80	0,77	0,86	0,81	0,77	0,90	0,86	0,82	0,80	0,78	0,83	0,80	0,81	0,79	0,82	0,76	0,79	0,75		
Total pressure drop	(1) kPa	47	75	65	67	70	98	47	57	96	81	64	62	117	78	70	94	114	159	149		
Power supply	V/Ph/Hz	230/1/50			230/1/50			230/1/50			230/1/50		230/1/50		230/1/50				230/1/50			
BASIC EC radial fans power abs.	kW	0,13	0,31	0,31	0,61	0,63	0,65	-	-	-	-	-	-	-	-	-	-	-	-	-		
HP EC radial fans power abs.	kW	0,1	0,26	0,27	0,53	0,55	0,58	-	-	-	-	-	-	-	-	-	-	-	-	-		
Power supply	V/Ph/Hz	400/3N/50			400/3N/50			400/3N/50			400/3N/50		400/3N/50		400/3N/50				400/3N/50			
BASIC EC radial fans power abs.	kW	0,13	0,31	0,31	0,61	0,63	0,65	1,53	1,63	1,73	1,89	1,96	3,51	3,69	3,82	3,97	5,01	5,54	6,97	7,51		
HP EC radial fans power abs.	kW	0,1	0,26	0,27	0,53	0,55	0,58	1,70	1,82	1,92	2,04	2,11	3,89	4,08	4,11	4,25	5,57	6,14	7,48	8,06		
Power supply	V/Ph/Hz	460/3/60			460/3/60			460/3/60			460/3/60		460/3/60		460/3/60				460/3/60			
BASIC EC radial fans power abs.	kW	0,13	0,31	0,31	0,61	0,63	0,65	1,53	1,63	1,73	1,89	1,96	3,51	3,69	3,82	3,97	5,01	5,54	6,97	7,51		
HP EC radial fans power abs.	kW	0,1	0,26	0,27	0,53	0,55	0,58	1,70	1,82	1,92	2,04	2,11	3,89	4,08	4,11	4,25	5,57	6,14	7,48	8,06		
Power supply	V/Ph/Hz	380/3/60			380/3/60			380/3/60			380/3/60		380/3/60		380/3/60				380/3/60			
BASIC EC radial fans power abs.	kW	0,13	0,31	0,31	0,61	0,63	0,65	1,53	1,63	1,73	1,89	1,96	3,51	3,69	3,82	3,97	5,01	5,54	6,97	7,51		
HP EC radial fans power abs.	kW	0,1	0,26	0,27	0,53	0,55	0,58	1,70	1,82	1,92	2,04	2,11	3,89	4,08	4,11	4,25	5,57	6,14	7,48	8,06		
Power supply	V/Ph/Hz	230/3/60			230/3/60			230/3/60			230/3/60		230/3/60		230/3/60				230/3/60			
BASIC EC radial fans power abs.	kW	0,13	0,31	0,31	0,61	0,63	0,65	1,73	1,84	1,95	1,91	1,99	3,92	4,12	3,88	4,05	5,66	6,24	7,31	7,96		
VENTILATION																						
No. fans	No.	1			2			1			1		2		2		3		3		3	
Sound pressure	(2) dB(A)	47	50	50	54			60			62		65		67	67	69	69	70			
HUMIDIFIER																						
Capacity	kg/h	3			5			5			5		8		8	8	10	10	15			
BASIC ELECTRICAL HEATERS																						
Steps		3			3			3			3		3		3				3			
Heating capacity	kW	4			8			9			15		18		18	18	24	24	24			
DIMENSIONS																						
Length	mm	600			1000			1000			1550		2100		2650				3200			
Depth	mm	500			500			890			890		890		890				890			
Height	mm	1980			1980			2180			2180		2180		2180				2180			

(1) Water 7-12°C, air 24°C/50% - ESP 20Pa

(2) Measured at 1.5 m height and 2 m front free