

Cabinet Air Conditioner

Coolzen Range

ACON

PRODUCT INTRODUCTION

This air conditioner unit has been designed to be used in enclosed climate controlled cabinets such as wireless communication cabinets, battery enclosures and electrical control panels.

The ingress protection rating of IP 54 ensures that the equipment being cooled is protected from outside moisture and dust.

Robust design is suitable for most high heat and high humidity applications.

PRODUCT DESIGN FEATURES

- Safety protection per EN standards.
- Condensate drier versions (model SE) available on request.
- Filter units available for dirty environments.
- Flexible installation to the cabinet, with options of side or door mounting.
- Digital control temperature setting and display.



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SPECIFICATION <i>(with NO condensate Drier)</i>	PART NUMBER	7000-1040-101P	7000-1042-101P	7000-1044-101P	7000-1046-101P	7000-1048-101P	7000-1050-101P	7000-1052-101P
	DESCRIPTION	300S	500S	800S	1000S	1500S	2000S	3000S
Cooling Capacity	BTU/hr	1,080	2,000	3,200	4,000	6,000	8,000	12,000
Cabinet Conditioning Temperature	°C	25	25	25	25	25	25	25
Max Operating Ambient Temperature	°C	46	46	46	46	46	46	46
Refrigerant		R 134a	R 134a	R 134a	R 134a	R 410a	R 410a	R 410a
Charge	g							
E.E.R (at T1 conditions)	W/W							
Voltage	V	230	230	230	230	230	230	230
Frequency	Hz	50	50	50	50	50	50	50
Phase		1	1	1	1	1	1	1
Rated Power Input	W	396	660	1,056	1,056	1,320	1,320	2,376
Rated Current Input	A	1.8	3.0	4.8	4.8	6.0	6.0	10.8
Mass Flow Air (Cooling)	m3/hr							
Noise Level	dba							
Weight	kg	20	24	35	36	48	48	65
Dimension Cooling Unit (H x W x D)	mm	494x280x180	600x320x205	770x380x205	800x380x205	1050x420x250	1050x420x250	1450x500x265

SPECIFICATION <i>(with condensate Drier)</i>	PART NUMBER	7000-1041-101P	7000-1043-101P	7000-1045-101P	7000-1047-101P	7000-1049-101P	7000-1051-101P	7000-1053-101P
	DESCRIPTION	300SE	500SE	800SE	1000SE	1500SE	2000SE	3000SE
Cooling Capacity	BTU/hr	1,080	2,000	3,200	4,000	6,000	8,000	12,000
Cabinet Conditioning Temperature	°C	25	25	25	25	25	25	25
Max Operating Ambient Temperature	°C	46	46	46	46	46	46	46
Refrigerant		R 134a	R 134a	R 134a	R 134a	R 410a	R 410a	R 410a
Charge	g							
E.E.R (at T1 conditions)	W/W							
Voltage	V	230	230	230	230	230	230	230
Frequency	Hz	50	50	50	50	50	50	50
Phase		1	1	1	1	1	1	1
Rated Power Input	W	990	1,254	1,650	1,650	2,508	2,508	3,564
Rated Current Input	A	3.5	5.7	7.5	7.5	11.4	11.4	16.2
Mass Flow Air (Cooling)	m3/hr							
Noise Level	dBA							
Weight	kg	23	27	38.5	39.5	52	52	69.5
Dimension Cooling Unit (H x W x D)	mm	600x280x180	706x320x205	876x380x205	906x380x205	1156x420x250	1156x420x250	1556x500x265

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