

ACR

Air forced Freezer Chest

- Different volumes
- High temperature rate of change
- Easy to install and easy to use
- Reliable construction
- Long life



The freezer chest with forced air circulation have their specific field of application in the pre-thermostatisation of some Systems of Finish, Fast Freezing of Liquid Substances and Studies of Thermal Stress in the fields of Building Materials, Plastics and Rubbers.

Their main advantage in front of the Freezers with Static Evaporation is, besides their design of the Air Circulation, the fast velocity of cooling and temperature recovering.

Capacity from 150 liters to 5000 liters and range of temperature from ambience to -70°C .

DYCOMETAL EQUIPOS DE C.C., S.L.

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FEATURES:

Construction

The construction is extremely strong and suitable for the function they must do, in order to ensure a long life of the Equipment.

- Inside in AISI 304 stainless steel. Outside in painted steel, according to RAL-9010. Painted door, according to RAL-7011.
- Depending on the model, the opening of the door can be done by pneumatic cylinders or pneumatic springs.
- 4 multidirectional castor wheels, multidirectional, to facilitate the mobility.
- Electrical panel located on the side of the freezer, properly insulated and protected.

Options

- Digital paperless recorder.
- Acoustic alarm of end of process.
- RS-232 port for connection to PC, programming Software and data acquisition in Windows environment.
- Output to terminals 4/20mA or 0/10V.
- Port made of Teflon with watertight bin (different diameters).

Standards

- DIN 40046, page 3, test A
- IEC 68-2-1, test A
- BS 2011, part 2, test A
- VG 95332, page 3 y 22
- MIL-STD 810D, method 502.2
- MIL-E 5272, test 4.2

TECHNICAL SPECIFICATIONS:

Model	Liters	Temperature (°C)	Workspace (mm)			External Dimensions (mm)		
			Height	Width	Depth	Height	Width	Depth
ACR-40/150	150	-40	450	700	500	950	1650	800
ACR-40/250	250	-40	500	1000	500	1000	1920	800
ACR-40/350	350	-40	500	1400	500	1050	2500	800
ACR-40/500	500	-40	500	1500	600	1100	2650	900
ACR-40/750	750	-40	600	2500	500	1000	3800	800
ACR-70/150	150	-70	450	700	500	950	1650	800
ACR-70/250	250	-70	500	1000	500	1000	1920	800
ACR-70/350	350	-70	500	1400	500	1050	2500	800
ACR-70/500	500	-70	500	1500	600	1100	2650	900
ACR-70/750	750	-70	600	2500	500	1000	3800	800



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