

freeze tech®

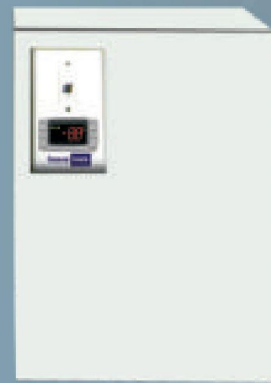
Panel Coolers



FTPC 1500/2700



FTPC 500/1200



TOP MOUNTING MODEL



FTPC MINI

Industrial Process Cooling Solutions

Electronic Control Systems installed in CNC machines and other special purpose machines generate heat during operation. Apart from heat, moisture-laden air and dust, also adversely affects electronic controls.

FREEZE TECH Panel Coolers maintain a clean environment required in Electronic Control Panel Cabinets using a closed loop design. This ensures locking out of excessive heat caused by high ambient temperatures, moisture and dust.

The clean air, within the Control Panel cabinet, is continuously cooled by the refrigeration system and re-circulated and the required operating temperature can be maintained within the cabinet; thus maintaining a cool, clean, moisture free, environment at all times.

Features

- Sleek modular design compatible with any control panel
- Imported (german) make backward curve blowers & fans
- Digital temperature controller / indicator
- Easy to install and maintain
- Powder coated cabinet
- Proven components
- Wide range of models

Typical Applications For Panel Coolers

- CNC Machines
- Electronic Cabinets
- Instrumentation Panels
- Automation Systems
- Mainframe Computers
- Automated Process Industries

Technical Data For Freeze Tech Panel Coolers

Model	FTPCmini	FTPC500	FTPC1200	FTPC1500	FTPC2700
Operating Voltage	230v/50Hz	230v/50Hz	230v/50Hz	230v/50Hz	230v/50Hz
Rated Current	2AMPS	2.8AMPS	3.4AMPS	3.9AMPS	6.1AMPS
Starting Current	13.5AMPS	12.25AMPS	13.3AMPS	14.3AMPS	25.3AMPS
MCB	YES	YES	YES	YES	YES
Duty Cycle	100%	100%	100%	100%	100%
Compressor	KCE419HAG	KCE419HAG	KCE444HAG	KCN463HAG	KCJ511
Power Consumption	306W	432W	665W	792W	1280W
Refrigerant	R134A	R134A	R134A	R134A	R22
Permissible Pressure	450psi	450psi	450psi	450psi	450psi
Temperature Controller	DIXELL	DIXELL	DIXELL	DIXELL	DIXELL
Side Mounting Model	YES	YES	YES	YES	YES
Top Mounting Model	NO	NO	NO	NO	NO
Weight in Kgs	20	35	37	42	52.5
Cooling Output	500W	500W	1200W	1500W	2700W
Colour	RAL 7035 - POWDER COATING				

Specifications are subject to change without notification

Introducing “N” Series suitable for higher ambient operating conditions



FTPCN 1750/2700/3150

FTPCN 500/1000/1300

Technical Data For Freeze Tech Panel Coolers (N Series)

Model	FTPCN 500	FTPCN 1000	FTPCN 1300	FTPCN 1750	FTPCN 2700	FTPCN 3150
Operating Voltage	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz
Rated Current	2.5AMPS	3.9AMPS	3.1AMPS	3.6AMPS	7AMPS	5.8AMPS
Starting Current	12AMPS	12.5AMPS	13AMPS	14AMPS	32AMPS	25AMPS
MCB	YES	YES	YES	YES	YES	YES
Duty Cycle	100%	100%	100%	100%	100%	100%
Compressor	KCE419	KCE432	KCE444	KCN463HAG	KCJ498HAG	KCJ511
Power Consumption	378W	508W	611W	792W	1241W	1280W
Refrigerant	R134A	R134A	R134A	R134A	R134A	R22
Permissible Pressure	450psi	450psi	450psi	450psi	450psi	450psi
Temperature Controller	DIXELL	DIXELL	DIXELL	DIXELL	DIXELL	DIXELL
Side Mounting Model	YES	YES	YES	YES	YES	YES
Top Mounting Model	NO	NO	NO	NO	NO	NO
Weight in Kgs	38	38.5	39	46.5	57	58.5
Cooling Output	500W	1000W	1300W	1750W	2700W	3150W
Colour	RAL 7035 - POWDER COATING					

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Backward curve blower



Digital temperature control