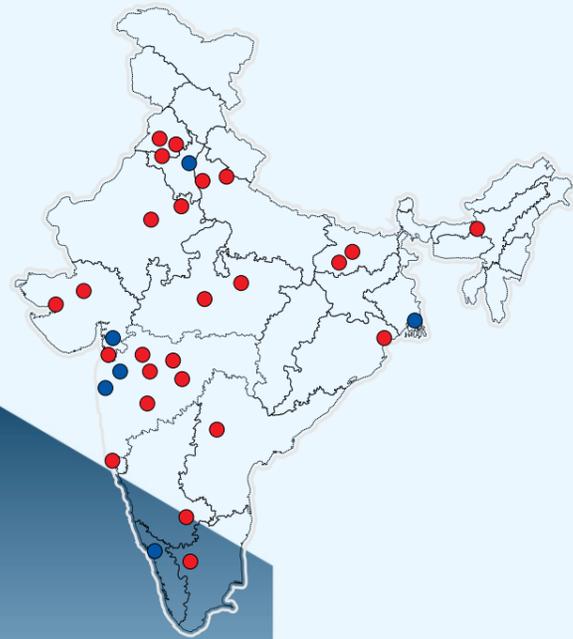


## ABOUT US

Annair DrychillTech (India) Private Limited, Mumbai, is a leading manufacturer, exporter, and solution provider of Compressed Air Treatment, Dehumidification, and Industrial Cooling products. Since 2005, Annair has completed over 12,000 installations and serves more than 3,000 satisfied clients across India and international markets, earning a strong reputation for reliability and performance. Our products comply with international standards and are supported by a nationwide network of branch offices and authorised dealers, along with international clients and authorised agents, ensuring dependable service and support globally.



## OUR CLIENTS



### OUR NETWORK

We have a well established network of Channel Partners & Service Franchises at various locations.

### BRANCH LOCATIONS

Ahmedabad, Delhi, Kochi, Kolkata, Mumbai & Pune.

### AUTHORISED DEALERS

Ahmedabad, Aurangabad, Bangalore, Bhubaneswar, Chandigarh, Chennai, Coimbatore, Cuttack, Delhi, Faridabad, Gandhidham, Goa, Guwahati, Hyderabad, Indore, Jaipur, Jamshedpar, Kanpur, Kolhapur, Kolkata, Ludhiana, Mumbai, Nashik, Nagpur, Noida, Patna, Pune, Rajkot, Raipur, Thane, thiruvananthapuram, Vapi & Vizag

## Annair Drychill Tech India Pvt. Ltd.

(An ISO 9001:2015 Certified Co.)

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# Panel Air-conditioner & FCU



A **T** Thalakkott Group Enterprise

## Zencool' Panel Air Conditioner

The Annair Zencool Panel Air Conditioner delivers efficient and reliable cooling specifically designed for electrical and electronic control panels. Engineered for demanding industrial environments, it maintains stable internal temperatures, protects sensitive components, and enhances overall system reliability and service life.

- Wide Cooling Capacity Range: 250 W to 7000 W
- Side-Mounted & Door-Mounted Configuration
- Stand-Alone Type (Remote Installation)
- Fully Enclosed System – No External Air Contamination.
- Digital Temperature Controller.
- Eco-Friendly Refrigerant (R134a/R410a/R407c Options)
- MS/GI powder-coated body or SS 304 construction



### SALIENT FEATURES

- Compact & Space-Saving Design
- Lightweight yet rugged design
- Minimal maintenance required
- Low operational costs
- 100% customizable designs for easy replacement of old machines
- Easy Installation & Low Maintenance
- Pan-India Support: Installation, Service & AMC

### APPLICATIONS:

- CPU/Server Enclosures
- CNC/VMC Machines
- Data processing
- Industrial Machineries
- Process Control Panels
- Medical Electronic Equipment
- Drive Panels & Motor Control Centres
- Telecommunication Equipment Cabinets etc..

**Side or door mounted:** For direct mounting on the panel.

**Stand alone:** Can be connected to the panel through flexible hose, Stand alone systems are used when mounting space on the panel is a constraint.



### Technical Data

| Sr no. | Model    | Cooling capacity (watts) | Refrigerant | Voltage    | Current (Ampere) | Dimensions (mm) |     |     | Weight |
|--------|----------|--------------------------|-------------|------------|------------------|-----------------|-----|-----|--------|
|        |          |                          |             |            |                  | H               | W   | D   |        |
| 01     | AZP - 02 | 250                      | R134a       | 230 V/50Hz | 2                | 370             | 370 | 270 | 25     |
| 02     | AZP - 04 | 450                      | R134a       | 230 V/50Hz | 2                | 580             | 380 | 270 | 25     |
| 03     | AZP - 06 | 600                      | R134a       | 230 V/50Hz | 2.5              | 640             | 310 | 255 | 28     |
| 04     | AZP - 08 | 800                      | R134a       | 230 V/50Hz | 3                | 750             | 300 | 255 | 38     |
| 05     | AZP - 10 | 1000                     | R134a       | 230 V/50Hz | 3.5              | 770             | 300 | 255 | 38     |
| 06     | AZP - 16 | 1600                     | R134a       | 230 V/50Hz | 4.5              | 980             | 385 | 245 | 42     |
| 07     | AZP - 20 | 2000                     | R134a/R407c | 230 V/50Hz | 7                | 955             | 450 | 300 | 54     |
| 08     | AZP - 25 | 2500                     | R134a/R407c | 230 V/50Hz | 7.5              | 985             | 450 | 300 | 54     |
| 09     | AZP - 30 | 3000                     | R134a/R407c | 230 V/50Hz | 9.5              | 1300            | 440 | 300 | 60     |
| 10     | AZP - 35 | 3500                     | R134a/R407c | 230 V/50Hz | 9.5              | 1300            | 440 | 300 | 60     |
| 11     | AZP - 45 | 4500                     | R134a/R407c | 230 V/50Hz | 11               | 1540            | 500 | 450 | 68     |
| 12     | AZP - 55 | 5000                     | R134a/R407c | 230 V/50Hz | 11               | 1540            | 500 | 450 | 68     |

## FCU



High-performance Fan Cooling Units (FCUs) designed for electric enclosures, offering reliable protection against heat, dust, and moisture. Panel-mounted and precision-engineered to ensure efficient cooling and long-term safety of sensitive electronic components.

### Cooling Capacity :

1500 W – 7000 W, tailored to suit various panel conditions

### Single Water Flow :

chilled water is circulated through the machine as a coolant, and the system dissipates the extracted heat through the water outlet

### Temperature Controller :

Equipped with an LED/LCD display, this controller features auto-cut and auto- start technology for precise and reliable temperature management

### Enclosure:

Sleek design that enhances your machine's look. Available in SS-304 for pharma/food industries or MS/GI powder-coated for general use

Where chilled water is available or space constraints limit the use of conventional PACs, ANNAIR Water-to-air heat exchangers provide efficient heat transfer from the panel to the chilled water circulating through the coil. These systems require no filters and do not discharge hot air into the surrounding environment, making them ideal for dusty or contaminated conditions. They can operate using in-house chilled water or a dedicated chiller, depending on application requirements.

### SALIENT FEATURES

- MS/GI powder-coated body or fully SS 304 construction.
- Lightweight yet rugged design.
- Minimal maintenance required.
- Low operational costs.

### APPLICATIONS:

- FCUs can be used for CPU/Server Enclosures and medical electronic equipment.
- Drive panels and process control equipment.
- Any panel housing with sensitive electronic components requiring controlled temperature.