



100% Fresh Air

Stainless Steel Dehumidifiers

PUREPAC Series



SAGAR AIR PVT. LTD.

Purepac
Stainless Steel Desiccant Units

+91 7093333687/9

| www.sagarair.com

| Hyderabad, Telangana

Introduction

100% Fresh Air Units (SS304 Construction)

Sagar Air, is one of the prominent HVAC manufacturers for three decades. The company has a wide array of expertise in manufacturing quality dehumidifiers since its inception.

The Double Skin construction usually consists of PUF insulation sandwiched between the outer and inner panels. This construction results in low thermal heat leakage, low noise, and sturdy construction of the unit. Our Units are available in various orientations, sizes, and selections suiting various critical and non-critical applications.

The desiccant rotor wheel is imported from Sweden which is eco-friendly and efficient.



100%
FRESH AIR



Scheduled
Timer ON / OFF

APPLICATIONS



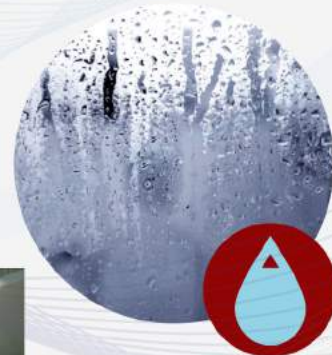
Home Theatre Rooms



Gyms



Indoor Pools



Suitable for

- Coastal Areas
- Indoor Spaces
- High Humidity Areas

INTRODUCING

Purepac SERIES

Stainless Steel Desiccant Units

100% Outdoor Air Desiccant Dehumidification Units

BENEFITS



 SS304 Construction

 Aluminium Dampers for easy airflow control

 Low Noise Levels


 Wifi / Local Remote Operation with Auto Cutoff

 High Performance imported Desiccant Rotor Wheel

 Sturdy Powder-Coated GI bolted Base frame.

 Exhaust Airflow Fan System

 Temp/RH Controller and Monitoring

 Timer unit for scheduled on/off



STOP



Condensation



Mold Growth



Paint Peeling



Low IAQ

LIST OF FEATURES



25 mm Aluminium Pentapost
Construction with 23+/-5% mm tk
RPUF insulation SS304 Construction



AMCA Certified High efficiency plug fans are
used with variable speed control as per the
required duty (NICOTRA / KRUGER /
ROSENBERG)



High quality, Ecofriendly imported Desiccant
Rotor Wheel is used for high moisture
adsorption (PROFLUTE SWEDEN / ROTOR
SOURCE USA / EQVT)



Fully Automatic Control with Temp/RH
Indication along with fault indications and
settings with Timer and Smart Switches



VFDs for Process and
Reactivation Fan
Motors-DELTA Make
(OPTIONAL)



Imported Control
Panel Enclosure IP67
rating - (RITTAL /
EQVT) OPTIONAL



High quality SS 304
Fin type Heaters for
faster heating



Phase Failure
Protection circuit and
double safety
thermostats
(OPTIONAL)



100% FRESH AIR DHUs

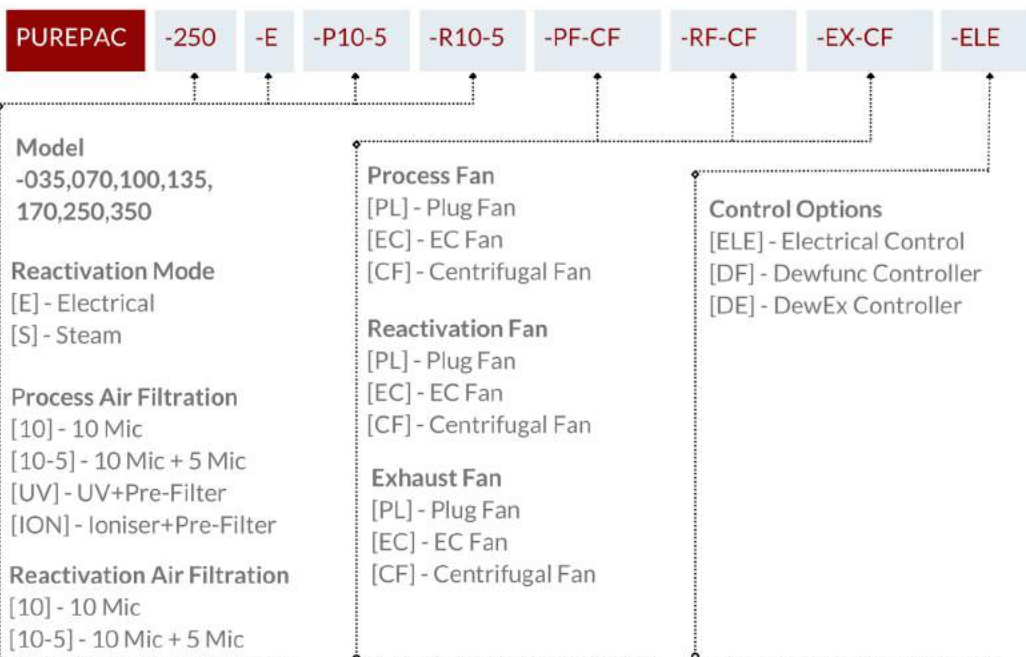
PUREPAC Series

Electrical Controls provided :

-  Easy monitoring & control of Reactivation heater temperature
-  Monitoring of RH and Temperature in RA Duct / Room
-  Remote / Smart Switch Integration
-  Run/stop/trip status of Process Motor, Reactivation Motor, Gear Motor, Exhaust Motor
-  Easy Fault Lights and Alarms
-  Scheduled On/Off Timer setup



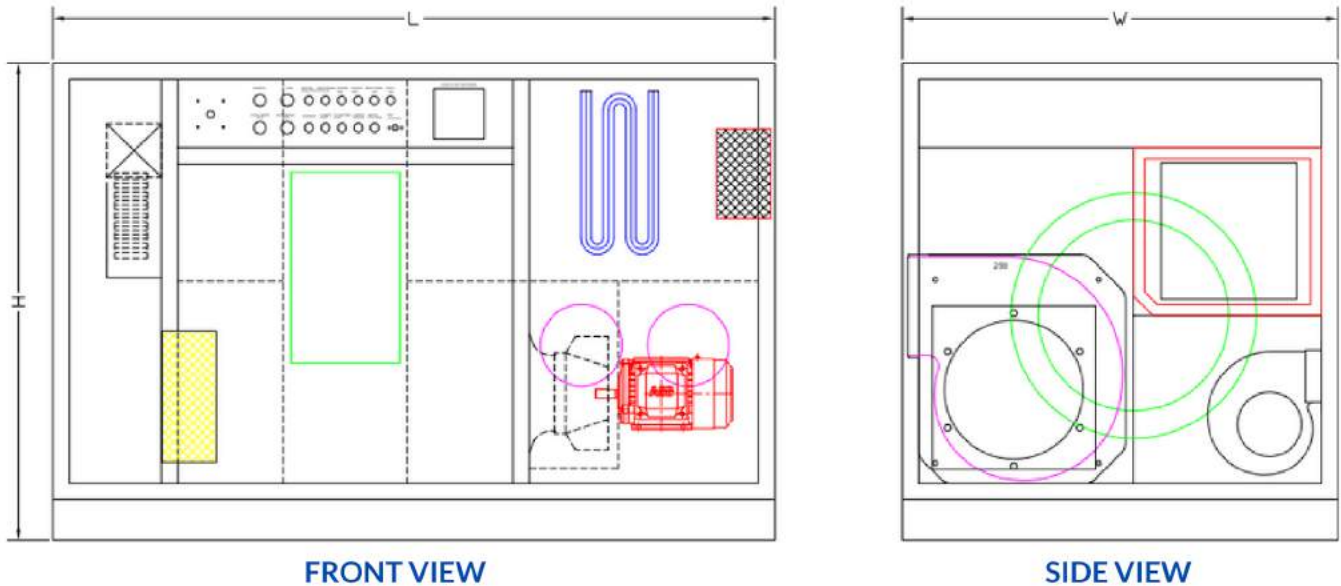
Name Coding



SS Dehumidifiers

PUREPAC Series

Technical Table for Standard PUREPAC-E Units



PUREPAC-E-SERIES

| Performance* | 035E | 070E | 100E | 135E | 170E | 250E |
|----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Drying Capacity (kg/hr) | 2.75 | 6.1 | 8.2 | 10.4 | 13.6 | 21.3 |
| Dry Air flow (CMH) | 350 | 700 | 1000 | 1350 | 1700 | 2500 |
| Dry Air Pressure ESP (mm WC) | 25 | 25 | 25 | 25 | 25 | 25 |
| Wet Air flow (CMH) | 117 | 234 | 333 | 450 | 567 | 834 |
| Wet Air Pressure ESP (mm WC) | 30 | 30 | 30 | 30 | 30 | 30 |
| Heater Power (kW) | 3.6 | 7.2 | 10.8 | 14.5 | 18.2 | 27 |
| Total Power (kW) | 4.1 | 8.0 | 11.4 | 16.5 | 20.4 | 31.5 |
| Approx Dimensions L X W X H (mm) | 1100 X 550 X 550 | 1150 X 650 X 650 | 1350 X 750 X 750 | 1450 X 800 X 800 | 1500 X 850 X 850 | 1600 X 950 X 950 |

*Note : Technical specifications are subject to change without prior notice

*Inlet Conditions : 25°C @ 60% RH

100% FRESH AIR DHUs
PUREPAC Series



Brands We trust



Our Partial Clientele





" PIONEERS IN HVAC SINCE 30 YEARS

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