

PrecisionDRY
PHOENIX 4800E

NOVELAIRE
Creating the Great Indoors™

Industrial Desiccant Dehumidifier Advanced Humidity Control

Built for the most demanding job sites, the PrecisionDRY Phoenix 4800E combines rugged, all-aluminum construction with exceptional moisture removal performance — engineered to operate reliably from -10°F to 140°F. Whether deployed for water damage restoration or in harsh industrial environments, it delivers where conventional dehumidifiers can't. Typical applications include:

- Water damage restoration
- Petrochemical facilities (on & offshore)
- Manufacturing plants
- Shipyards
- General rental industry

FEATURES & BENEFITS:

- Removes 3,000+ pints per day at 4,800 CFM process airflow
- Dew points as low as -40°F
- Wide operating range: -10°F to 140°F
- All-aluminum construction — lightweight, strong, and corrosion-resistant
- Fits in the bed of a pickup truck for easy transport
- Onboard controls for constant optimum operation
- Maintenance access from both sides
- ETL certified



The Phoenix 4800E unit

SPECIFICATIONS

Power:

480v/3ph, FLA 106

Process volume:

4800 cfm

Reactivation volume:

2000 cfm

Water removal:

3032 PPD (3162 lb/hr) @ 80°F / 60% RH

Filters:

20" x 20" x 2" metal mesh - qty 2 (process)

20" x 20" x 2" metal mesh - qty 1 (reactivation)

Operating Range:

-10°F to 140°F

Unit Weight:

1550 lbs (desiccant module only)

1675 lbs (desiccant with frame)

Warranty:

1 year parts and labor

2 years on the desiccant parts only

Options:

4800E (Std) with frame

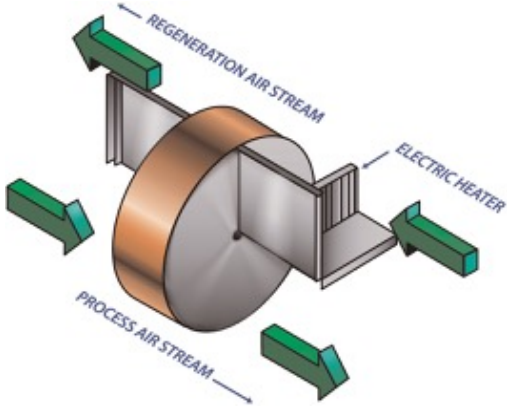
4800E-1 without frame

4800E-2 with frame and docking station*

4800E-3 without frame and docking station*

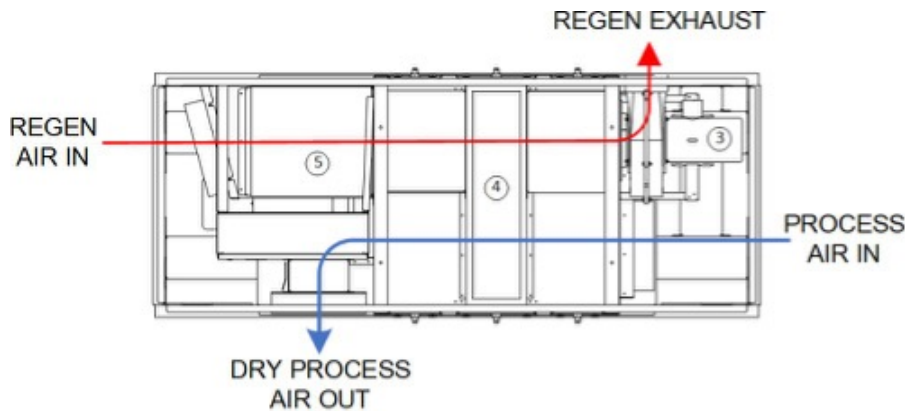
*For generator connection

HOW IT WORKS



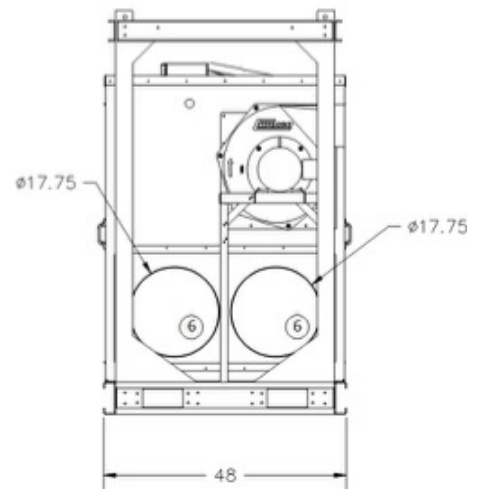
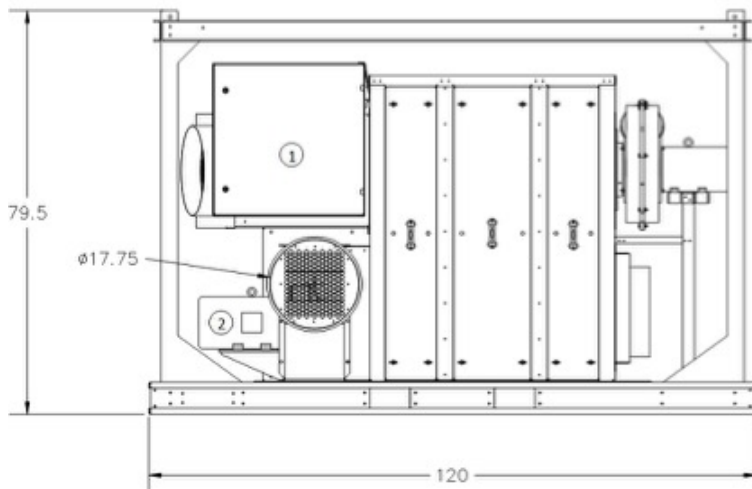
Moisture-laden air is drawn through a continuously rotating desiccant wheel, where moisture is adsorbed onto the desiccant surface. The resulting dry process air is returned directly to the space. As the wheel rotates into the regeneration zone, heated air drives the captured moisture out through the exhaust — delivering continuous, bone-dry output with dew points as low as -40°F .

DIMENSIONS



ITEM DESCRIPTION

- | ITEM | DESCRIPTION |
|------|------------------|
| 1 | ELECTRICAL |
| 2 | SUPPLY FAN |
| 3 | REGEN FAN |
| 4 | DESICCANT WHEEL |
| 5 | ELECTRIC HEATERS |
| 6 | FILTER |



NOVELAIRE

info@novelaire.com
www.novelaire.com
unitsales@novelaire.com

10132 Mammoth Ave.,
Baton Rouge, LA 70814-4420
tel. 800.762.1320
fax. 225.930.0340



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