

# DRY AIR PAC®

## ADVANCE SERIES

General Air Products Dry Air Pac® is a FM Approved, twin tower regenerative dryer / compressor package designed for fire protection. This turn-key system provides the dry pipe or pre-action sprinkler system with moisture free air to a -40° to -60°F dew point standard (-100°F dew point is achievable - consult factory for details). Ensuring that no moisture is sent downstream from the air compressor will significantly reduce corrosion in all systems and prevent ice plug formation in cold storage applications.

The air compressor on the Dry Air Pac® is designed to fill the sprinkler system in 30 minutes in accordance with NFPA 13 standards, as well as provide the higher pressure needed to allow the twin tower regenerative dryer to function at peak efficiency.

Prior to entering the regenerative air dryer, an air cooled aftercooler cools the compressors hot discharge air to a maximum 100°F. A coalescing prefilter with differential pressure gauge removes oil vapor and other contaminants that can effect the desiccant in the drying towers. A combination particulate filter and regulator prevents downstream migration of desiccant dust while regulating air pressure to the sprinkler system.

All components are pre-piped, pre-tested, and pre-wired for ease of mechanical and electrical installation on site. Each unit also includes a UL Listed, FM Approved Air Maintenance Device.

The Dry Air Pac® has been the sprinkler industry's benchmark for nearly 30 years in cold storage facilities and other installations where moisture removal is essential.



- **NEW** Prepackaged Desiccant Sleeves
- **NEW** Automatic Drain Valve with Timer Controls
- **NEW** Push-Connect Fittings
- **NEW** Digital Control Panel
- **UPGRADED** Filter Assembly
- **UPDATED** Maintenance Features
- Turn-key Design for Easy Installation
- -40° to -60° F Dew Point Standard
- NEMA Rated / UL Listed Motor
- Industrial Duty Compressor Pump
- Integrated Twin Tower Desiccant Dryer
- Combination Afterfilter / Regulator
- Compact Air Cooled Aftercooler
- Prefilter with Differential Pressure Gauge
- UL Listed / FM Approved AMD
- Fully Integrated Control Panel
- ASME Coded Air Receiver
- UL Listed Pressure Switch
- Bubble Tight Air Check Valves
- ASME Pressure Safety Valves
- Vibration Isolation Pads
- Pre-piped, Pre-wired & Pre-Tested
- Lifetime Customer Service & Tech Support

### Did You Know?

The FM Approval on the Dry Air Pac® eliminates the requirement to connect the air intake to the freezer room. NFPA 13 exempts any approved packages from this costly requirement. General Air Products Dry Air Pac® meets this exemption in NFPA 13.

System Capacity (GAL)	Model Number	Motor		Dimensions			Weight (LBS)
		Phase	Avail. Voltage	L	W	H	
500	DAPV500-A	Single	115V / 208V-230V	44	24	70	425
500	DAPV500-B	Three	208V-230V / 460V / 575V	44	24	70	425
1000	DAPV1000-B	Three	208V-230V / 460V / 575V	44	24	70	550
2000	DAPV2000-B	Three	208V-230V / 460V / 575V	44	24	73	550

Designed to fill the sprinkler system with moisture free air to 40 PSI in 30 minutes per NFPA 13.



## Prepackaged Desiccant Sleeves makes for easy installation and maintenance.

The DMT-1, which comes standard on the DAP, alerts you at the right time when it's time to replace the Dry Air Pac's desiccant sleeves and other required maintenance.



## Prevent Ice Plug Formation In Cold Storage Facilities

The Dry Air Pac® has been the sprinkler industry's benchmark for nearly 30 years in cold storage facilities and other installations where moisture removal is essential. This turn-key system provides the dry pipe or pre-action sprinkler system with moisture free air to a -40° to -60°F dew point standard. Ensuring that no moisture is sent downstream from the air compressor will prevent frost accumulation and ice plug formation in cold storage facilities/freezer room applications.

## Why We Never Recommend Nitrogen for Freezer Room / Cold Storage Sprinkler Systems

At General Air Products, we are often asked, "Should I Use Nitrogen or Dry Air in freezer rooms and cold storage sprinkler systems?" Our answer – as a manufacturer of nitrogen generators, dry air generators and air compressors – is dry air. Every time.

Learn more and read the full story about why we choose Dry Air by scanning the QR code.



For more information, visit **GeneralAirProducts.com** to see full specs, engineering packages, wiring guides, order maintenance kits and more.

General Air Products has been the leading authority for filling dry pipe and pre-action fire sprinkler systems for more than 50 years. Quite simply, providing the most dependable equipment and technical support for this application is what we do. Whether your system demands nitrogen, dry air or standard compressed air, only General Air Products has the best solution for every application.

