GENERAL AIR PRODUCTS

Complete Dry Sprinkler System Filling Solutions

DAP Series — Dry Air Pac® - for Dry Pipe Sprinkler Systems

Compressor/Dryer Packages for Corrosion Mitigation and Freezer Room Applications

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

General Air Products DAP Series 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 efficency.

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.

- Turn-key Design for Easy Installation
- -40º to -60º F Dew Point Standard
- NEMA Rated / UL Listed Motor
- Industrial Duty Compressor Pump
- Integrated Twin Tower Desiccant Dryer
- Electronic Drain Valve with Timer Controls
- 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 (in)			Weight (lbs)
		HP	Phase	Available Voltage	L	W	H	
500	**DAP500A**	2	Single	115V / 208V-230V	44	24	70	425
500	**DAP500B**	2	Three	208V-230V / 460V	44	24	70	425
1000	**DAP1000B**	5	Three	208V-230V / 460V	44	24	70	550
2000	**DAP2000B**	5	Three	208V-230V / 460V	44	24	73	550

NOTE: Specific voltage requirered when ordering.

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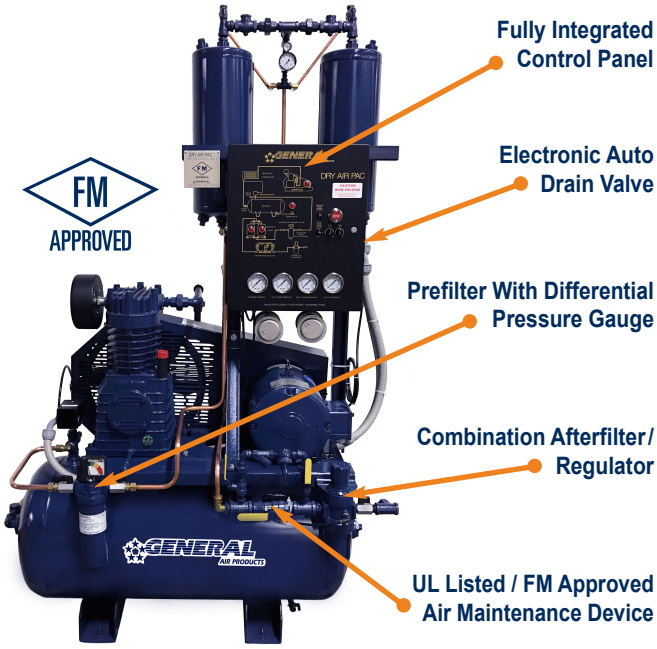

The Advantages Of Dry Air…

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.

Mitigate Corrosion In All Dry Pipe & Pre-Action Systems

Did you know? - The Dry Air Pac® can be a less expensive alternative to nitrogen generation for corrosion protection in dry pipe & pre-action systems. When the pressure dew point of air is controlled to -26°C (-14.8°F) or lower, the oxidation process is eliminated and corrosion cannot occur. Furthermore, the Dry Air Pac® does not significantly obstruct air flow like a much more restrictive nitrogen generator making this a better alternative in many applications. This is especially true in systems with higher leak rates.

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.

GENERAL AIR PRODUCTS

Complete Dry Sprinkler System Filling Solutions

www.generalairproducts.com

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