



*Quality & Service  
Since 1936*



Compressed Air

Dry Air

Nitrogen

Accessories

13D Pump & Tanks

**Complete Dry Sprinkler System Filling Solutions**

*General Air Products has been the leading authority for filling dry pipe and pre-action fire sprinkler systems for more than 50 years. We manufacture a complete line of filling solutions for dry systems including Nitrogen Generators, Dry Air Pacs, Air Compressors and Accessories. Whatever your system demands, only General Air Products has the best solution for every application. We also manufacture residential pump and tank systems for NFPA 13D applications in both standard and custom configurations. Since 1936, we have been earning an unparalleled reputation for quality and dependability. Our products are proudly assembled in the USA, tested and backed by the best customer service and technical support in the fire sprinkler industry.*



All of the air compressors manufactured by General Air Products are assembled, tested and labeled in our facility in Exton, Pennsylvania in the United States. We are extremely proud of the fact that our air compressors meet the **Produced in the United States** requirement of the American Recovery & Reinvestment Act (ARRA) Section 1605 **Buy American** provision.



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# OIL LESS, RISER MOUNTED AIR COMPRESSORS

## OL Plus Series



General Air Products newly improved OL Plus Series Oil Less Riser Mounted Fire Protection Air Compressors are the same compressors the fire sprinkler industry has come to rely on but with 30 years' worth of experience based improvements built in! All of our OL Plus single phase standard units and low pressure units are UL 1450 listed for fire protection, fully automatic, and virtually maintenance free. We have added a 30" braided stainless steel flex hose to the riser mounting kit and pressure switch that were already included to allow for a fast and easy installation. While we do include a riser mounting kit, the OL Plus Series units can be wall or floor mounted as well.

**RANGE:** The OL Plus Series fire protection air compressors cover 30 minute fill up times on sprinkler systems up to 1225 gallons in size.

**AVAILABLE AS:** Our Standard OL Plus Series units are 60 Hz, single phase, pre-wired, adjustable up to 60 psi and factory pre-set. Low Pressure, high pressure, three phase and 50 Hz OL Plus Series units are also available.

Riser Mounting Kit  
& Flex Hose Included  
for Easy Installation



- UL1450 Listed (Standard & Low Pressure - Single Phase Units)
- Oil Less Piston Compressor
- UL Listed, Pre-Set Pressure Switch
- Bubble Tight Air Check Valve
- ASME Pressure Safety Valve
- Integrated Air Intake Filters
- Fully Automatic, Direct Drive
- Pre-Wired & Pre-Tested
- Lifetime Customer Service & Tech Support

### Technical Specifications - Standard Single Phase Units

System Capacity	Model Number	Average CFM	Motor HP	Recommended Wire Size	Dimensions			Weight (lbs)
					L	W	H	
125 gal.	OL12516AC	1.52	1/6	12	16"	12"	12"	30
250 gal.	OL25033AC	3.03	1/3	12	16"	12"	12"	31
365 gal.	OL36550AC	4.43	1/2	12	16"	15"	10"	38
430 gal.	OL43075AC	5.21	3/4	10	17"	15"	10"	48
615 gal.	OL615100AC	7.46	1	6	17"	15"	10"	48
915 gal.	OL915150AC	11.10	1 1/2	6	23"	15"	10"	60
1225 gal.	OL1225200AC	14.85	2	10	24"	15"	11"	70

### Technical Specifications - Low Pressure Single Phase Units

320 gal.	OL32016AC-LP	1.52	1/6	12	16"	12"	12"	30
550 gal.	OL55033AC-LP	3.03	1/3	12	16"	12"	12"	31
860 gal.	OL86050AC-LP	4.43	1/2	12	16"	15"	10"	38
990 gal.	OL99075AC-LP	5.21	3/4	10	17"	15"	10"	48

# OIL LESS, TANK MOUNTED AIR COMPRESSORS

## OLT Plus Series



The improvements continue in our OLT Plus Series tank mounted oil less air compressors. Standard single phase units are UL 1450 listed for fire protection and integrally mounted on ASME air receivers. We have improved the durability, reduced noise and simplified installation with the inclusion of a 30 inch flex hose and 4 vibration pads. Tank mounted air compressors are recommended as the ideal compressor type for dry pipe sprinkler applications. We highly recommend a tank mounted compressor when an accelerator is required on the sprinkler system.

**RANGE:** The OLT Plus Series fire protection air compressors cover 30 minute fill up times on sprinkler systems up to 1225 gallons in size.

**AVAILABLE AS:** Our Standard OLT Plus Series units are 60 Hz, single phase, pre-wired, adjustable up to 60 psi and factory pre-set. High pressure, three phase and 50 Hz OLT Plus Series units are also available.



**30" Stainless Steel Flex Hose & Vibration Pads Included**

- UL1450 Listed (Standard - Single Phase Units)
- Oil Less Piston Compressor
- UL Listed, Pre-Set Pressure Switch
- ASME Coded Industrial Tank
- Integrated Air Intake Filters
- Bubble Tight Air Check Valve
- Fully Automatic, Direct Drive
- ASME Pressure Safety Valve
- Manual Tank Drain
- Pre-Wired & Pre-Tested
- Lifetime Customer Service & Tech Support



**NOTE:** Each individual system, with a tank mounted compressor, requires an air maintenance device (Model AMD-1) per NFPA 13. Multiple dry valves may be supplied from a single tank mounted air compressor when using our AMD-1 air maintenance device.

### Technical Specifications - Standard Single Phase Units

System Capacity	Model Number	Average CFM	Motor HP	Recommended Wire Size	Dimensions			Tank Size (gal)	Weight (lbs)
					L	W	H		
125 gal.	OL12516ACT	1.52	1/6	12	34"	13"	27"	10	76
250 gal.	OL25033ACT	3.03	1/3	12	34"	13"	27"	10	77
365 gal.	OL36550ACT	4.43	1/2	12	34"	15"	25"	10	84
430 gal.	OL43075ACT	5.21	3/4	10	34"	15"	25"	10	96
615 gal.	OL615100ACT	7.46	1	6	34"	15"	25"	10	96
915 gal.	OL915150ACT	11.10	1 1/2	6	38"	16"	28"	20	135
1225 gal.	OL1225200ACT	14.85	2	10	38"	16"	29"	20	145

# QUIET - OIL LESS AIR COMPRESSORS

## Q SERIES

Quiet Fire Protection Air Compressors

Over the years, changes in building designs have led to all types of cost savings and space efficiencies but they have also caused new problems to come to light. Many newer buildings no longer have equipment rooms or utility areas. Instead the equipment meant for these spaces (like fire protection air compressors) have been moved right in the middle of offices, right next to bedrooms in hotels or right behind choirs in churches. Our air compressors didn't get loud, they got installed in used spaces.



Riser Mounted  
Q Series

The Q Series is our newly developed line of QUIET fire protection air compressors that directly address noise issues while running at an average of 60 dBA. This is a 20 dBA drop from our standard OL Plus line!

**RANGE:** The Q Series riser mounted fire protection air compressors cover 30 minute fill up times on sprinkler systems up to 250 gallons in size and are capable of maintenance capacities up to 2000 gallons.

**AVAILABLE AS:** Our Standard Q Series Riser Mounted units are 60 Hz, single phase, pre-wired, adjustable up to 60 psi and factory pre-set. Low Pressure and High Pressure Q Series Riser Mounted units are also available.



Riser Mounting Kit &  
30" Stainless Steel  
Flex Hose Included

- Significant Decibel Reduction
- Oil Less Piston Compressor
- UL Listed, Pre-Set Pressure Switch
- Integrated Air Intake Filters
- Internal Overload with Manual Reset
- Fully Automatic, Direct Drive
- ASME Pressure Safety Valve
- Bubble Tight Air Check Valve
- Pre-Wired & Pre-Tested
- Lifetime Customer Service & Tech Support



Tank Mounted  
Q Series

**RANGE:** The Q Series Tank Mounted fire protection air compressors cover 30 minute fill up times on sprinkler systems up to 500 gallons in size and are capable of maintenance capacities up to 4000 gallons.

**AVAILABLE AS:** Our Standard Q Series Tank Mounted units are 60 Hz, single phase, pre-wired, adjustable up to 60 psi and factory pre-set. High pressure Q Series Tank Mounted units are also available.



30" Stainless  
Steel Flex Hose  
& Vibration Pads  
Included

# QUIET - OIL LESS AIR COMPRESSORS

How quiet are the Q Series Compressors?  
**You can talk over them.**



Below we have called out three decibel ratings for the Q Series model QL13525AC which is sized to fill a 135 gallon system in 30 minutes versus our standard OL Plus equivalent.

Model Number	Factory Rating	Room 1	Room 2
QL13525AC	55 dBA	58 dBA	66 dBA
OL12516AC	N/A	78 dBA	82 dBA

Each rating indicates a separate installation environment:

**Factory Rating:** The factory rating for our compressors was performed in an anechoic test room, standard for sound testing.

**Room 1:** Carpeted floors and drywall.

**Room 2:** Tile floor, open space, similar to a stairwell.

Note: All General Air Products compressors are OSHA compliant and under 85 dBA.

## Applications for the Q Series:

- Hospitals
- Retail Stores
- Libraries
- Nursing Homes
- IT Rooms
- Churches
- Hotels
- Golf Courses
- Anywhere noise is an issue
- Offices
- Schools / Universities



## Technical Specifications - Standard Riser Mounted Units

System Capacity (gal)	Maintenance Capacity (gal)	Model Number	Decibel Rating (dBA)	Average CFM	Motor HP	Recommended Wire Size	Dimensions			Weight (lbs)
							L	W	H	
135	1000	QL13525AC	55	1.66	1/4	12	13	9	19	30
250	2000	QL25050AC	58	2.72	1/2	10	14	9	19	37
500	4000	QL500100AC	61	5.4	1	8	14	9	19	37

## Technical Specifications - Low Pressure Riser Mounted Units

280	1000	QL28025AC-LP	55	1.66	1/4	12	13	9	19	30
530	2000	QL53050AC-LP	58	2.72	1/2	12	14	9	19	37

## Technical Specifications - Standard Tank Mounted Units

135	1000	QL13525ACT	55	1.66	1/4	12	34	13	25	93
250	2000	QL25050ACT	58	2.72	1/2	12	34	13	25	100
500	4000	QL500100ACT	61	5.4	1	8	34	13	27	115

# LUBRICATED, TANK MOUNTED AIR COMPRESSORS

## LT Plus Series



General Air Products LT Plus Series tank mounted lubricated air compressors are integrally mounted on ASME coded air receivers. They arrive ready for installation with a quart of compressor oil and a mounted pressure switch. As with all of our fire protection air compressors, the LT Plus Series is specifically engineered to pressurize dry pipe and pre-action sprinkler systems according to the parameters of NFPA 13. Tank mounted air compressors are recommended as the ideal type of compressor for dry pipe sprinkler applications. We highly recommend a tank mounted air compressor where an accelerator is in use.

**RANGE:** The LT Plus Series fire protection air compressors cover 30 minute fill up times on sprinkler systems up to 2500 gallons in size.

**AVAILABLE AS:** Our Standard LT Plus Series units are 60 Hz, single phase, adjustable up to 60 psi and factory pre-set. High pressure, three phase and 50 Hz LT Plus Series units are also available.



Compressor Oil,  
30" Stainless  
Steel Flex Hose  
& Vibration Pads  
Included



- NEMA Standard Multi-Voltage Motor
- UL Listed, Pre-Set Pressure Switch
- ASME Coded Industrial Tank
- Single Stage Air Cooled Pump
- ASME Pressure Safety Valve
- Fan Type Flywheel
- Manual Tank Drain
- Integrated Air Intake Filters
- Pre-Tested & Inspected
- Lifetime Customer Service & Tech Support



**NOTE:** Each individual system, with a tank mounted compressor, requires an air maintenance device (Model AMD-1) per NFPA 13. Multiple dry valves may be supplied from a single tank mounted air compressor when using our AMD-1 air maintenance device.

### Technical Specifications - Standard Single Phase Units

System Capacity (gal)	Model Number	Average CFM	Motor HP	Recommended Wire Size	Dimensions			Weight (lbs)	Tank Capacity (gal)	Pressure Switch Prewired
					L	W	H			
200	LT20033A	2.43	1/3	10	33	13	28	115	10	YES
290	LT29050A	3.52	1/2	8	33	13	28	115	10	YES
365	LT36575A	4.43	3/4	8	33	13	28	124	10	YES
425	LT425100A	5.15	1	6	33	13	28	130	10	YES
652	LT620100A	7.91	1	6	36	15	30	170	20	YES
900	LT900150A	10.91	1 1/2	6	36	15	30	181	20	YES
1000	LT1220200A	14.80	2	4	36	15	30	190	20	NO
1300	LT1300300A	15.76	3	4	36	15	30	190	20	NO
1600	LT1600300A	19.40	3	2	40	18	44	310	30	NO
2000	LT2000500A	24.25	5	2	40	18	44	319	30	NO
2500	LT2500500A	30.32	5	2	40	18	44	336	30	NO



# LUBRICATED, BASE MOUNTED AIR COMPRESSORS

## L Plus Series



General Air Products L Plus Series base mounted lubricated fire protection air compressors are a rugged, old school style, workhorse of an air compressor and arrive ready for installation with a quart of compressor oil. As with all of our fire protection air compressors, the L Plus Series is specifically engineered to pressurize dry pipe and pre-action sprinkler systems according to the parameters of NFPA 13.

**RANGE:** The L Plus Series fire protection air compressors cover 30 minute fill up times on sprinkler systems up to 2500 gallons in size.

**AVAILABLE AS:** Our Standard L Plus Series units are 60 Hz, single phase. Three phase, high pressure and 50 Hz L Plus Series units are also available.



Compressor Oil,  
30" Stainless  
Steel Flex Hose  
& Vibration Pads  
Included

- NEMA Standard Multi-Voltage Motor
- Single Stage Air Cooled Pump
- Pressure Relief Valve
- Fan Type Compressor Pulley
- Enclosed Belt Guard
- Integrated Air Intake Filters
- Pre-Tested & Inspected
- Lifetime Customer Service & Tech Support



**NOTE:** L Plus Series fire protection air compressors do not include a pressure switch. An air maintenance device with a pressure switch (Model AMD-2) is required for automatic operation to start and stop the air compressor.

### Technical Specifications - Standard Single Phase Units

System Capacity (gal)	Model Number	Average CFM	Motor HP	Recommended Wire Size	Dimensions			Weight (lbs)
					L	W	H	
200	L20033A	2.43	1/3	10	23	11	13	58
290	L29050A	3.52	1/2	8	23	11	13	63
365	L36575A	4.43	3/4	8	23	11	13	68
425	L425100A	5.15	1	6	23	11	13	70
620	L620100A	7.91	1	6	23	14	15	95
900	L900150A	10.91	1 1/2	6	23	14	15	106
1000	L1220200A	14.80	2	4	23	15	15	115
1300	L1300300A	15.76	3	4	23	15	15	115
1600	L1600300A	19.40	3	2	34	16	28	269
2000	L2000500A	24.25	5	2	34	16	28	278
2500	L2500500A	30.32	5	2	34	16	28	299

# DRY AIR PAC™

## AIR COMPRESSOR/DRYER PACKAGES

# DAP Series



General Air Products DAP Series Dry Air Pac™ is the only 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 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 and General Air Products Dry Air Pac™ is the only package on the market that meets this exemption.*

- Turn-key Design for Easy Installation
- -40° 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 UL 508A Control Panel
- ASME Coded Air Receiver
- UL Listed Pressure Switch
- Bubble Tight Air Check Valves
- Vibration Isolation Pads Included
- ASME Pressure Safety Valve
- Pre-piped, Pre-wired & Pre-Tested
- Lifetime Customer Service & Tech Support

System Capacity (gal)	Model Number	Compressor 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

# 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.

## Dry Air Pac - Test & Maintenance Kits:

Proper maintenance such as regular oil, filter, and desiccant inspections and replacements are vital to the life and performance of the Dry Air Pac™. If a service plan is implemented to follow these simple maintenance procedures, you can count on excellent performance and a long life for the Dry Air Pac™ and its systems. The maintenance kits include filter elements, compressor oil, and replacement desiccant. Visit our website for complete maintenance procedures or contact us for more details.

### Maintenance Kits



**KSMB01**

Filter elements & 2 quarts of compressor oil



**34006-50**

50 lb bag of desiccant



**KAMA01**

Full maintenance kit including filter elements, 2 quarts of compressor oil & 50 lb bag of desiccant

### Test Kit



**DAP-TK**

A self contained device for visually monitoring moisture in air streams.

# NITROGEN GENERATORS

## AIR COMPRESSOR/NITROGEN PACKAGES

# NGP Series

General Air Products Nitrogen Generators are specifically designed to provide on-site, high purity nitrogen for use in dry and pre-action fire protection sprinkler systems. Our Nitrogen Generators are fully tested and assembled, turn-key packages utilizing a simple design that minimizes maintenance requirements and maximizes lifetime. Our Nitrogen Generators are built to the highest quality standards – the same standards the fire sprinkler industry has come to expect from any product that carries the General Air Products logo.

Additionally, General Air Products is the only manufacturer in the fire sprinkler industry to design and manufacture the entire fire protection nitrogen system. Working with General Air Products means going directly to the source for all of the components you will interface with at start-up and during maintenance.

- 98+% Nitrogen Purity Standard
- Fire Protection Air Compressor Included
- Turn-Key Design For Easy Installation
- Premium Nitrogen Membrane Technology
- Requires Only One Power Connection
- Lifetime Customer Service & Tech Support



## Standard Nitrogen Generators

**RANGE:** The NGP Series Standard Nitrogen Generators cover 30 minute fill up times on sprinkler systems up to 2350 gallons in size.

### Included With Every Standard Nitrogen Generator



Fire Protection Air Compressor



Air Maintenance Device



Portable Nitrogen Analyzer



30 Inch Stainless Steel Flex Hose



Vibration Isolation Pads



Floor Mounting Brackets

- UL Listed 508A Industrial Control Panel

Maintenance Capacity (gal)	Model Number	30min Fill Capacity (gal)		Compressor		Air Tank Size (gal)	N2 Tank Size (gal)
		40PSI	20PSI	Type	HP		
1275	NGP-230DQ	230	500	QUIET Oil-Less	1/2	20	20
1275	NGP-300D	300	1000	Oil-Less	3/4	20	20
1275	NGP-500D*	500	1100	Oil-Less	1	20	30
1275	NGP-500DQ	500	1100	QUIET Oil-Less	1	20	30
1275	NGP-1000D-M1	925	2150	Oil-Less	2	30	30
3880	NGP-1000D-M2*	925	2150	Oil-Less	2	30	30
6500	NGP-1000D-M3*	925	2150	Oil-Less	2	30	30
6500	NGP-2200D-M3*	2350	4100	Lubricated	7.5	80	30
13000	NGP-2200D-M4*	2350	4100	Lubricated	7.5	80	80
22000	NGP-2200D-M5*	2350	4100	Lubricated	7.5	80	80

Note: \* after model number indicates FM Approval

# NITROGEN GENERATORS

## AIR COMPRESSOR/NITROGEN PACKAGES



### Wall Mount Nitrogen Generators

**RANGE:** The NGP Series Wall Mount Nitrogen Generators cover 30 minute fill up times on sprinkler systems up to 215 gallons in size and are capable of maintenance capacities up to 1100 gallons.

- Low-Profile / Space Saving Design
- Brackets Included For Floor Or Wall Mounting

**QUIET Fire Protection Air Compressor & 30 Gallon Vertical N2 Storage Tank Included**



Maintenance Capacity (gal)	Model Number	30min Fill Capacity(gal)		Compressor		Electrical Requirements			N2 Tank Size (gal)
		40PSI	20PSI	Type	HP	Phase	Volts	Amps	
850	NGP-WM850	135 gal	275 gal	QUIET Oil-Less	1/4	Single	115	3.4	30
1100	NGP-WM1100	215 gal	425 gal	QUIET Oil-Less	1/2	Single	115	6.8	30

### NitroG3 - Fully Automated, Smart Nitrogen Generators

General Air Products NitroG3 Nitrogen Generators are fully automated and operated via a simple to use touch screen interface. The automatic operation allows you to simply plug in the required settings and let the machine do all the work. The NitroG3 is also web enabled for off-site monitoring and email notifications making this the smartest, most efficient and dependable method of producing a minimum of 98% nitrogen at the point of usage.

**RANGE:** The NitroG3 Nitrogen Generators cover 30 minute fill up times on sprinkler systems up to 2350 gallons in size.

- Fully Automated For Simplified Operation
- HMI Touch Screen Display With Video Capabilities
- Web Enabled For Off-Site Monitoring & Reports
- Email Connectivity For Alarm & Maintenance Notifications



Maintenance Capacity (gal)	Model Number	30min Fill Capacity(gal)		Compressor		Air Tank Size (gal)	N2 Tank Size (gal)
		40PSI	20PSI	Type	HP		
1275	NGP-G3-500	500	1100	Oil-Less	1	30	30
1275	NGP-G3-500Q	500	1100	QUIET Oil-Less	1	30	30
1275	NGP-G3-1000-M1	925	2150	Oil-Less	2	30	30
3880	NGP-G3-1000-M2	925	2150	Oil-Less	2	30	30
6500	NGP-G3-1000-M3	925	2150	Oil-Less	2	30	30
6500	NGP-G3-2200-M3	2350	4100	Lubricated	7.5	80	60
13000	NGP-G3-2200-M4	2350	4100	Lubricated	7.5	80	60
22000	NGP-G3-2200-M5	2350	4100	Lubricated	7.5	80	60

### Nitrogen Generator System Accessory:



### iGAP - Inspectors Gas Analyzer Port

The iGAP accessory is a gas monitoring port installed at the end of the piping system to provide a means to analyze the gas purity of the entire fire sprinkler system and ensure a minimum of 98% nitrogen is equally distributed. The iGAP includes a test port and digital nitrogen analyzer with a quick disconnect for portability.

# ACCESSORIES

## FOR DRY PIPE SYSTEMS

General Air Products offers all of the accessories you could need for any given dry pipe sprinkler application. Some of these accessories are available to help you be compliant with sprinkler code like the air maintenance devices and line starters, some to help you overcome environmental challenges like the manual desiccant dryer or the automatic tank drain and others are available to help you protect the long and reliable life of the air compressor like our vibration pads and flex hoses.

### AIR MAINTENANCE DEVICES

Our UL Listed, FM Approved Air Maintenance Devices are designed to control the amount of air fed into the dry pipe system so that the volume of air available, while maintaining the system pressure, does not effect the valve trip time. The Air Maintenance Devices are available in two standard styles.



Model **AMD-1** is used when compressed air is supplied through an existing factory air supply or when using tank mounted units.



Model **AMD-2** is used for automatic operation with our L+ Series lubricated compressors or any air compressor that does not have a pressure switch.

### MOTOR STARTERS



Our IEC Line Starter is a rugged, industrial duty, full voltage, non-reversing IEC Rated overload protector. These line starters provide protection to motor windings from harmful currents that result in excess temperatures that may be caused by either overloading the motor, sustained low line voltage, or locked rotor. Even in the few instances where starters are not required by code we strongly recommend that a line starter accompany every General Air Products air compressor (Single phase compressors above 1.5 HP and all three phase compressors must have a line starter for overload protection per NEC).

MOTOR LINE STARTERS - SINGLE PHASE				
	115V	208/230V	Size	Model
MAX HP	1/3 HP	1 HP	00	MG00A
	1 HP	2 HP	0	MGX0A
	2 HP	3 HP	1	MG01A
	3 HP	5 HP	1P	MG15A

MOTOR LINE STARTERS - THREE PHASE				
	208/230V	460V	Size	Model
MAX HP	1 1/2 HP	2 HP	00	MG00B
	3 HP	5 HP	0	MGX0B
	7 1/2 HP	10 HP	1	MG01B

### PRESSURE SWITCHES



A pressure switch is used to regulate the pressure between two preset values on small, electrically driven air compressors - essentially telling the compressor when to start and stop. We offer a variety of pressure switches with our air compressors.

Part Number	Factory Setting	Differential	For Use With
SWP60401U-C	30 psi on / 44 psi off	14 psi	OL Plus Series (1/6 to 1/2 HP)
SWP60601U	30 psi on / 44 psi off	14 psi	OL Plus Series (3/4 to 2 HP)
SWP60401U	27 psi on / 40 psi off	13 psi	Old - OL Series (OBSOLETE)
SWP60114	45 psi on / 60 psi off	15 psi	LT Plus Series
SWP60113	30 psi on / 40 psi off	10 psi	AMD-2 Air Maintenance Device
SWP60304	13 psi on / 18 psi off	5 psi	Low Pressure Units
SWP60602	80 psi on / 100 psi off	20 psi	High Pressure Units & Dry Air Pacs

### CHECK VALVES



The check valves we offer are bubble-tight sealing, have low pressure drops and brass bodies.

Part Number	Description	For Use With
VCLS3812	3/8" X 1/2" check valve	OL Plus Riser Mounted Units
VC303838	3/8" x 3/8" in-tank check valve	OLT Plus Tank Mounted Units
CV322550	1/4" x 1/2" in-line check valve	Obsolete OL Series
VC3T50508	1/2" X 1/2" in-tank check valve	LT Plus Series (LT200 - LT1300)
VC3T7575	1/2" x 3/4" in-tank check valve	LT Plus Series (LT1600300)
VC3T7575	3/4" x 3/4" in-tank check valve	LT Plus Series (LT2000 & LT2500)

# ACCESSORIES FOR DRY PIPE SYSTEMS



**RISER TANK KIT:** Designed for use with our OL Plus Series Oil Less Riser Mounted air compressors in sprinkler systems where an accelerator is added, or where space is limited but additional air storage is required.

**PRESSURE RELIEF VALVES:** Used in systems to maintain a desired pressure level. All brass construction, with stainless steel springs. Easily field adjusted with knurled adjustment screw and locked with jam nut.

**AUTOMATIC TANK DRAIN ASSEMBLY:** Designed to automatically drain liquid water and oil from air receivers.

**AUTOMATIC FLOAT DRAIN:** Works perfectly as an automatic drip leg drain to remove collected water from the compressed air line running from the compressor to the sprinkler system valve.

**AUTOMATIC DRAIN VALVE:** Designed to drain condensate from anywhere that condensate collects. The full ported solenoid valve is electrically timed by a solid state adjustable timer.

**MANUAL DESICCANT DRYER:** Used to remove water vapor from the compressed air stream. Atmospheric dew points as low as  $-100^{\circ}\text{F}$  are achievable when operated within rated unit specifications. Replacement desiccant kits are available.

**COALESCING FILTER:** The Coalescing Filters protect manual desiccant air dryers from oil vapor and contaminants.

**STAINLESS STEEL FLEX HOSE:** Stainless steel braided Flex Hose, 1/2" NPT on both ends - available in various lengths.

**VIBRATION ISOLATION PADS:** Made of cork and neoprene for additional vibration and noise reduction.

**COMPRESSOR OIL:** Specially formulated compressor oil for use with all lubricated fire protection air compressors. Available as individual quarts and in case quantities of 12.

# NFPA 13D PUMP & TANK SYSTEMS

## RESIDENTIAL FIRE PROTECTION



### All-In-One Package

Designed & built specifically to meet NFPA 13D requirements, the H2hOme™ is everything you need to provide required pressure & flow to a residential fire sprinkler system in a sleek, all-in-one package. As with all of our 13D pump & tank systems, the H2hOme™ comes standard with a stainless steel pump and all non-ferrous components to protect against corrosion and ensure longevity. Additionally, this is the only stand-alone system on the market with an easily removable slide-out pump. Created with contractors in mind, our 29" slim tank can be carried through any typical doorway - with reduced weight when the pump is removed. The H2hOme™ also includes a riser manifold kit making installation even easier. A control panel can be added with indicator lights, alarm functionality and a simple "push-to-test" button. The H2hOme™ is quite simply the most efficient, reliable and easiest to install pump & tank system available - backed by the best customer service & technical support in the fire sprinkler industry.



- All-In-One Unit With Small Footprint
- 29" Wide/425 Gallon Narrow Water Tank
- Removable Stainless Steel Pump
- Riser Manifold Kit Included
- Advanced Control Panel (Optional)

#### H2hOme - Technical Specifications

Model	Pump Motor					Tank Size (gal)	Dimensions (in)		
	HP	PH	HZ	Volts	Amp Draw		L	W	H
H2H425-E01	¾	Single	60	240	5.2	425	68	29	76
H2H425-E03	1½	Single	60	240	9.1	425	68	29	76
H2H425-A04	2	Single	60	240	11.2	425	68	29	76
H2H425-A06	3	Single	60	240	12.8	425	68	29	76

#### Optional Accessories:



**Control Panel:** The optional control panel puts the functionality of the H2hOme™ at your fingertips. Visual displays for the unit's status are present as well as a simple push-button to test the functionality of the pump.



**Alarm:** The horn/strobe will alert in the event of system activation. Includes a 30 foot power cord and can be wall mounted anywhere in the home. System must include the control panel for alarm function.



# NFPA 13D PUMP & TANK SYSTEMS

## RESIDENTIAL FIRE PROTECTION



city water does not meet the flow and pressure required for proper operation. General Air Products offers a wide range of packages that are built to order. You can expect the same level of quality, reliability and service that the fire sprinkler industry has come to know through our air compressors.

General Air Products Residential Fire Protection Pump System (RFP System) is the benchmark of quality for meeting current NFPA 13D application requirements. Our RFP Systems deliver a wide variety of features & benefits that work together to meet the needs of your application simply, efficiently and reliably. Contractors need a residential fire protection pump system that is easy to order, easy to install, and known for its reliability. Homeowners want a system that requires as little space and as little maintenance as possible while providing the safety and security they need. General Air Products RFP Systems address all of these needs and more. One of the ways we do this is by offering a variety of configurations - each utilizing an absolute minimum of space, that are easy to install, reliable and virtually maintenance free.

- 13D Required Features & Functionality
- Industrial Duty Stainless Steel Pumps
- Tanks In All Types, Shapes & Sizes
- All Non Ferrous Components
- Designed & Built For Easy Installation
- Lifetime Customer Service & Tech Support

### Econo RFP System



Our Econo Series RFP Systems offer the bare essentials for what is needed in a residential fire sprinkler system pump when considering ease of installation and performance demands. The Econo RFP System is designed to provide all 13D required features and functionality at the lowest possible cost without compromising the high level of quality the industry has come to expect from General Air Products. As with all of the RFP Systems the Econo consists of a stainless steel pump, non-ferrous components and an industrial duty pressure switch. The Econo RFP System differs from the rest of our 13D Pump line in that it doesn't consist of much more than that. This is how we ensure that no matter how tight your budget is, the Econo is the right product for you.

### Custom RFP Systems



The Custom RFP System Pump and Tank packages are designed to be reliable, feature rich and above all easy to install and maintain. Our Basic and Complete models share many of the main components like the stainless steel pump, non-ferrous piping and adjustable pressure switch. Keep in mind that these units can be customized in any way. General Air Products can build your RFP System with or without controls, non-standard tank sizes, or a mix and match of features to meet the budget and requirements of your specific application.

**Narrow Water Tanks**  
29" Wide & designed to easily fit through any typical sized doorway. 300 & 400 gallon standard sizes. Custom tanks are also available.



Open RFP System



Enclosed RFP System

# TRAINING ROOM

## SPRINKLER SYSTEM TRAINING FACILITY



### FIRE SPRINKLER TRAINING CENTER

General Air Products Fire Sprinkler System Training Center, located in Exton, Pennsylvania, is a state-of-the-art facility offering onsite training and features fire sprinkler products from many manufacturers in the fire protection industry.

Our FREE training classes offer sales and service professionals opportunities to better understand sprinkler system components, and best practices for installation, inspection, testing, troubleshooting, and maintenance processes and also help build awareness of the latest fire sprinkler issues, code changes, and new product solutions.

Our 40-seat, tech-savvy classroom opens into our hands-on lab, featuring live equipment from several manufacturers and includes:

- ★ Wet Pipe, Dry Pipe & Pre-Action System Valves from Viking, Tyco, Reliable, Victaulic, & Globe
- ★ Commercial Fire Pump Systems & Controllers
- ★ Backflow Prevention Assemblies
- ★ All Dry Pipe & Pre-Action System Filling Technologies, Including Nitrogen Generators, Dry Air Generators, Air Compressors & Accessories
- ★ Air Vents, Auxiliary Drains, Inspector Test Valves & Corrosion Monitoring Devices From AGF Manufacturing
- ★ NFPA 13D & 13R Residential Systems & Accessories
- ★ Fire Alarm Systems & Control Panels



# SERVICE & SUPPORT

## CUSTOMER CARE COMES FIRST

Since 1936 General Air Products has offered our customers products of the highest quality. Through innovative engineering and without sacrifice of quality industrial components we continually deliver a five star level of excellence. We want you to expect nothing short of the best possible experience when you purchase any of our products.

Our sales staff is available to help you select the proper equipment to meet any unique application. Our production team and customer service representatives will ensure that your order is constructed to our five star standards and delivered on time. Once your unit is at the job site, our expert technical support staff is a phone call away and eager to assist you at each step of the installation process. After properly installed our quality assurance continues through the life of the product. General Air Products is proud of its role in providing quality equipment to the fire sprinkler contractor and its continued support of the fire protection industry.



- Our staff has a combined experience of over 100 years working with fire protection contractors
- Lifetime technical support from our experienced engineering staff and expertly trained personnel
- During business hours you will always speak to a human being. Call toll free - **800-345-8207**
- Extensive website with specs, cut sheets, drawings, 3D models & more. Visit - **[generalairproducts.com](http://generalairproducts.com)**

### Custom Air Compressor Packages

We will customize our products in order to meet the requirements of your unique application.

**If it involves compressed air for fire protection - WE CAN DO IT!**



- Vertical Tank Mounted Units
- Weather Proof Units
- Private Pressure Tank Systems
- Special Hazard Compressors
- Duplex Air Compressor Packages
- Explosion Proof Environment Compressors & Accessories
- Deluxe Packages that can include:
  - Air Maintenance Devices
  - Motor Starters
  - Automatic Drains
  - Any Features Required

#### WARRANTY STATEMENT

*General Air Products, Inc. warrants its products to be free of defects in material and workmanship under normal use and service for 12 months from the date of purchase. Our warranty applies only when such defective parts are returned to us, or our authorized service depots, transportation prepaid, and subject to our inspection and approval. Liability is limited to repair or replacement of material found defective, free of charge, F.O.B. our plant. Motors and pumps are covered by the original manufacturer's warranty only and should be returned by the customer to their authorized station for service. Unauthorized repairs or replacements will not be subject to factory warranty. This warranty does not cover labor at the job site. This warranty is in lieu of all other warrants, expressed or implied. Call or visit our website for our full warranty statement.*

**All of the air compressor packages (OL Plus, OLT Plus, L Plus, LT Plus, Q Series, Dry Air Pacs and Nitrogen Generators) manufactured by General Air Products have been specifically engineered and designed to meet the requirements of NFPA 13.**



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