

**50
Cycle
Units**



*The Leading Manufacturer of Air Compressors
for the Fire Protection Industry*

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Units**

BASE MOUNTED Compressors for Dry Pipe Sprinkler Systems



- Single Stage Air Cooled Pump
- Fan Type Compressor Pulley
- NEMA Standard Multi-Voltage Motors
- OSHA Enclosed Belt Guard
- Pressure Relief Valve
- High Pressure Models Available
- Steel Base Plate
- Integral Air Filter
- Specially Formulated Compressor Oil Included
- Fills System to 40 psi in 30 minutes (NFPA-13)



50 Cycle Units - 60 Cycle Available, Consult Factory

System Capacity (gal/L)+	Model Number	Average CFM** L/min.	Motor HP / kW	Min. Wire Size ++		Dimensions - in/mm			Weight lbs./kg
				1 Phase	3 Phase	L	W	H	
165/625	L20033*-50	2.10/59.47	1/4 / .19	10	12	23/584	11/279	13/330	65/29.55
240/908	L29050*-50	3.0/84.96	1/3 / .25	8	12	23/584	11/279	13/330	67/30.45
260/984	L36575*-50	3.35/94.87	1/2 / .37	8	12	23/584	11/279	13/330	77/35.0
320/1211	L425100*-50	3.92/111.01	3/4 / .56	6	12	23/584	11/279	13/330	75/34.09
460/1741	L620100*-50	5.64/159.72	3/4 / .56	6	12	23/584	14/356	15/381	100/45.45
675/2555	L900150*-50	8.25/233.64	1 / .75	6	10	23/584	14/356	15/381	110/50.0
800/3028	L1300300*-50	9.84/278.67	2 / 1.12	4	8	23/584	15/381	15/381	115/52.27
1100/4163	L1600300*-50	13.35/378.07	2 / 1.49	2	8	34/864	16/406	28/711	253/115.0
1500/5677	L2000500*-50	18.30/518.26	3 / 2.24	2	6	34/864	16/406	28/711	253/115.0
1800/6813	L2500500*-50	21.75/615.96	3 / 2.24	2	6	34/864	16/406	28/711	275/125.0

Magnetic Line Starters - Thermal Overload Protection

Single Phase

	115V	208/230V	Size	Model
Maximum 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*

Three Phase

	208/230V	460V	Size	Model
Maximum HP	1 1/2 HP	2 HP	00	MG00B*
	3 HP	5 HP	0	MGX0B*
	7 1/2 HP	10 HP	1	MG01B*

When Ordering a Magnetic Line Starter you must specify HP, Voltage and Phase that is supplied to the motor.

*A = Single Phase 110/220 VAC through 1 1/2 HP; 220 VAC only for 2 HP and up.

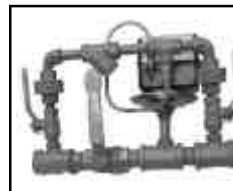
*B = Three Phase 190/380 VAC (recommended for units over 1 1/2)

+ Based on 70F system temp.

For other conditions Consult Factory for pump up times.

**Average CFM is the average free air delivery from 0 to 40 PSIG

++ Based on 100' run. Consult Factory for longer or shorter runs.



**Air Maintenance Device
Part # AMD-2**

The AMD-2 is used for automatic operation in conjunction with a dedicated air compressor for the sprinkler system, such as base units.

Call 1-800-345-8207

Fax: 610-524-8965

E-Mail: genairpro@generalairproducts.com

Remember - You can find this sheet and more at

www.GENERALAIRPRODUCTS.com

ALL PIPING AND WIRING TO BE IN ACCORDANCE WITH APPLICABLE STATE, LOCAL AND NATIONAL CODES & SHOULD BE APPROVED BY AHJ

BASE MOUNTED LUBRICATED COMPRESSORS INSTALLATION INSTRUCTIONS



PRESSURE SWITCH IS FACTORY SET AT 30# CUT, IN 40# CUT OUT. HIGHER PRESSURE SETTINGS MAY REQUIRE A LARGER MOTOR. CONSULT FACTORY FOR DETAILS.

PRESSURE SWITCH MUST BE WIRED IN CIRCUIT TO CONTROL COMPRESSOR.

P/N VR3P25080
PRESSURE RELIEF VALVE (INCLUDED WITH BASE MOUNT UNITS) MUST BE INSTALLED BETWEEN COMPRESSOR AND AIR MAINTENANCE DEVICE TO PREVENT OVERPRESSURING THE COMPRESSOR AND BLOWING HEAD GASKETS

FIELD PIPING - SUFFICIENT LENGTH OF PIPING MUST BE USED TO ENSURE MAXIMUM TEMPERATURE OF 200 DEG. F AT THE AIR MAINTENANCE DEVICE OR FAILURES WILL OCCUR.

BELTGUARD AFTERCOOLER RECOMMENDED IF SHORT PIPE RUNS ARE USED.

MANUAL DRAIN RECOMMENDED AS MINIMUM.

AUTOMATIC DRAIN (P/N FD-1) RECOMMENDED ON DRIP LEG TO REMOVE EXCESS WATER ACCUMULATION.

ALL COMPRESSORS, 3 HP AND LARGER, SHOULD BE TANK MOUNTED OR PIPED IN ACCORDANCE WITH THESE INSTALLATION INSTRUCTIONS.

CONNECT TO REQUIRED SYSTEM TRIM

200 F MAX.

T

P/N AMD-2
AIR MAINTENANCE DEVICE WITH BUILT IN PRESSURE SWITCH.

1/2" MINIMUM (LARGER IF REQUIRED BY CODE)

MOST MOTORS ARE MULTIPLE VOLTAGE. CHECK NAMEPLATE AND VERIFY CORRECT INTERNAL CONNECTIONS FOR VOLTAGE BEING SUPPLIED TO UNIT.

MAGNETIC STARTER REQUIRED FOR ALL UNITS.

FLEX HOSE
P/N P1202MP

MULTIPLE CHECK VALVES IN FEED LINES CAN RESULT IN LOWER SYSTEM PRESSURES DUE TO PRESSURE DROPS

IF SYSTEM IS FEEDING FREEZER ROOM OR AREA EXPOSED TO TEMPERATURES BELOW FREEZING. **(SEE DRY AIR PAC INFORMATION)**

ACCELERATOR

TANK MOUNTED UNITS ARE RECOMMENDED FOR USE WITH ACCELERATORS

WARNING!

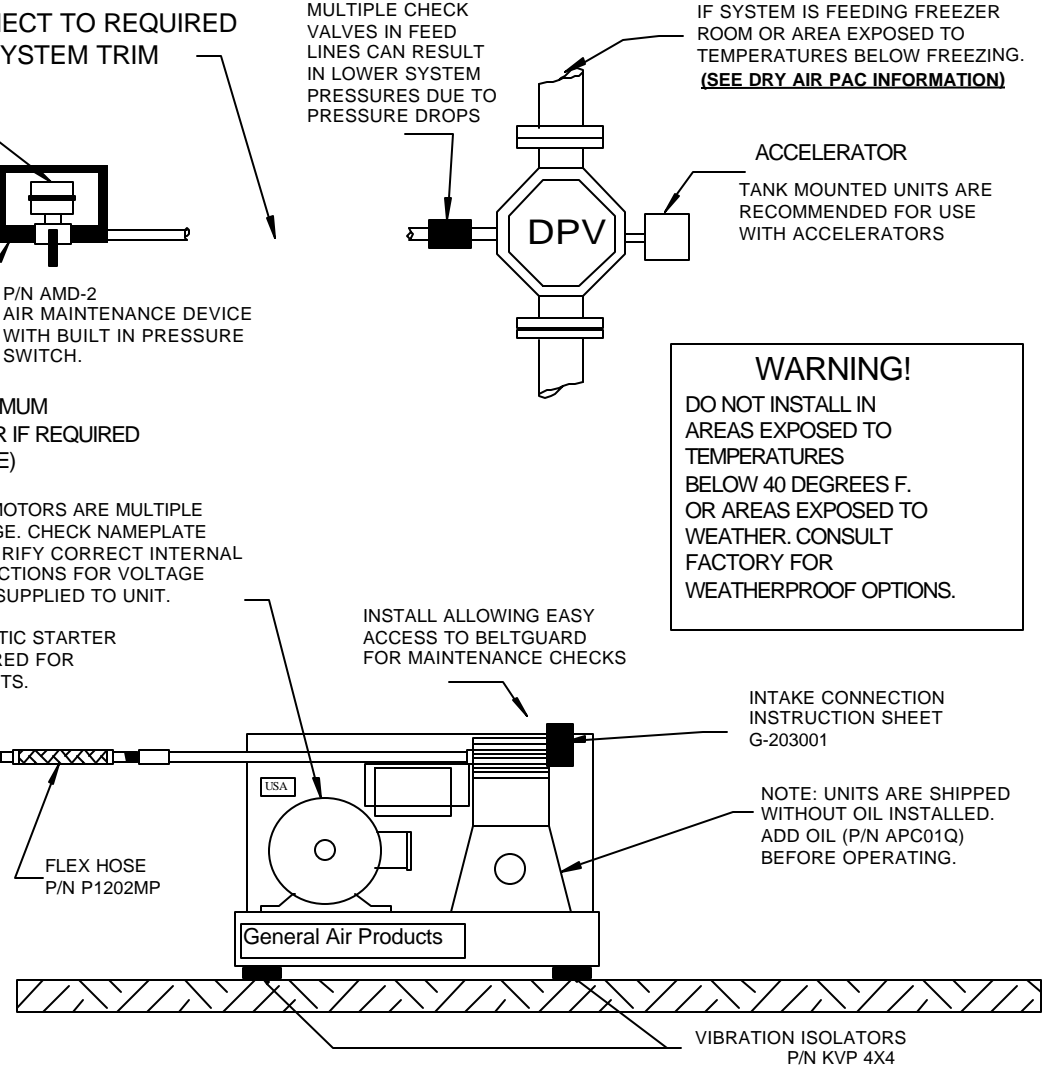
DO NOT INSTALL IN AREAS EXPOSED TO TEMPERATURES BELOW 40 DEGREES F. OR AREAS EXPOSED TO WEATHER. CONSULT FACTORY FOR WEATHERPROOF OPTIONS.

INSTALL ALLOWING EASY ACCESS TO BELTGUARD FOR MAINTENANCE CHECKS

INTAKE CONNECTION INSTRUCTION SHEET G-203001

NOTE: UNITS ARE SHIPPED WITHOUT OIL INSTALLED. ADD OIL (P/N APC01Q) BEFORE OPERATING.

VIBRATION ISOLATORS
P/N KVP 4X4



PART NUMBERS LISTED ARE FOR ACCESSORY ITEMS RECOMMENDED FOR COMPLETE INSTALLATION - CONSULT YOUR LOCAL DISTRIBUTOR FOR AVAILABILITY