

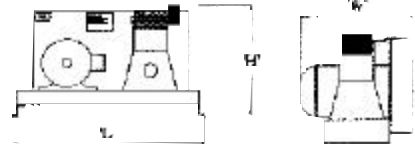


The Leading Manufacturer of Air Compressors  
for the Fire Protection Industry

**L Series 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)



**60 Cycle Units** - 50 Cycle Available, Consult Factory

System Capacity (gallons)+	Model Number	Average CFM**	Motor H.P.	Min. Wire Size ++		Dimensions			Weight (lbs.)
				1 Phase	3 Phase	L	W	H	
200	L20033*	2.50	1/3	10	12	23	11	13	58
290	L29050*	3.60	1/2	8	12	23	11	13	63
365	L36575*	4.70	3/4	8	12	23	11	13	68
425	L425100*	5.20	1	6	12	23	11	13	70
620	L620100*	7.60	1	6	12	23	14	15	95
900	L900150*	11.00	1 1/2	6	10	23	14	15	106
1000	L1220200*	14.80	2	4	8	23	15	15	115
1300	L1300300*	15.90	3	4	8	23	15	15	115
1600	L1600300*	19.40	3	2	8	34	16	28	269
2000	L2000500*	24.40	5	2	6	34	16	28	278
2500	L2500500*	30.20	5	2	6	34	16	28	299

**Magnetic Line Starters - Thermal Overload Protection**

**Single Phase**

Maximum HP	115V	208/230V	Size	Model
		1/3 HP	1 HP	00
1 HP		2 HP	0	MGX0A*
2 HP		3 HP	1	MG01A*
3 HP		5 HP	1P	MG15A*

**Three Phase**

Maximum HP	208/230V	460V	Size	Model
		1 1/2 HP	2 HP	00
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 115/208-230 VAC through 1 1/2 HP; 208-230 VAC for 3 through 5 HP

\*B = Three Phase 208-230/460 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](mailto:genairpro@generalairproducts.com)

Remember - You can find this sheet and more at

[www.GENERALAIRPRODUCTS.com](http://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!

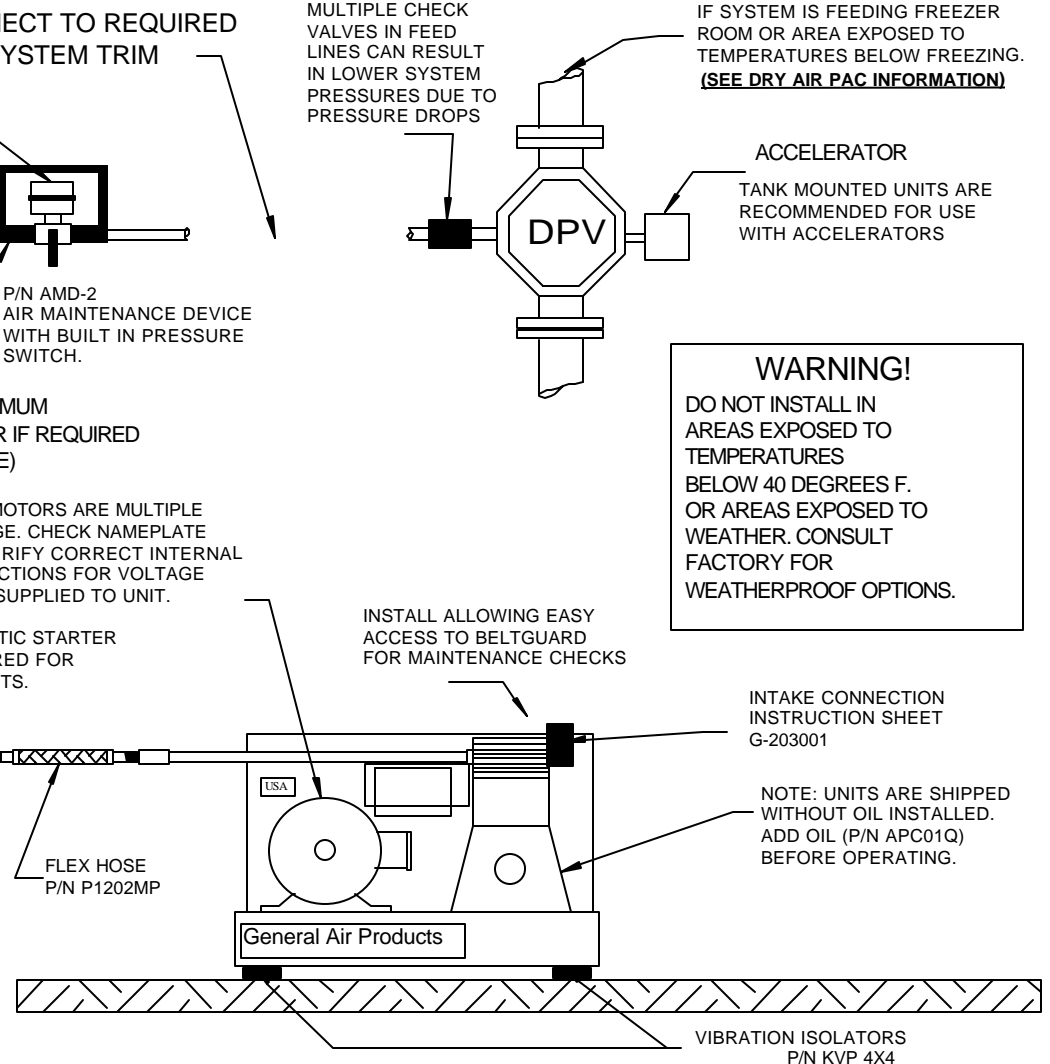
DO NOT INSTALL IN AREAS EXPOSED TO TEMPERATURES BELOW 40 DEGREES F. OR AREAS EXPOSED TO WEATHER. CONSULT FACTORY FOR WEATHERPROOF OPTIONS.

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