

**50  
Cycle  
Units**



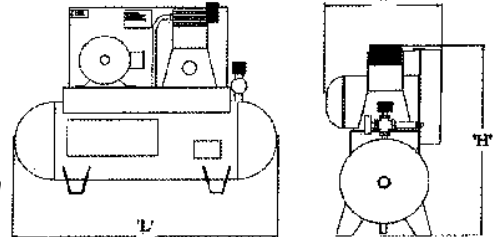
*The Leading Manufacturer of Air Compressors  
for the Fire Protection Industry*

**50  
Cycle  
Units**

**TANK MOUNTED Compressors for Dry Pipe Sprinkler Systems**



- A.S.M.E. Coded Industrial Receiver
- A.S.M.E. Coded Safety Valve
- Single Stage Air Cooled Pump
- Fan Type Flywheel
- Integral Air Filter
- NEMA Standard Multi-Voltage Motors
- UL Listed Unloading Pressure Switch
- OSHA Enclosed Belt Guard
- High Pressure Models Available
- 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	Tank Capacity (gal/L)
				1 Phase	3 Phase	L	W	H		
165/625	LT20033*-50	2.10/59.47	1/4 / .19	10	12	33/839	13/331	25/635	105/47.73	10/37.85
240/908	LT29050*-50	3.0/84.96	1/3 / .25	8	12	33/839	13/331	25/635	110/50.0	10/37.85
260/984	LT36575*-50	3.35/94.87	1/2 / .37	8	12	33/839	13/331	25/635	118/53.64	10/37.85
320/1211	LT425100*-50	3.92/111.01	3/4 / .56	6	12	33/839	13/331	25/635	118/53.64	10/37.85
460/1741	LT620100*-50	5.64/159.72	3/4 / .56	6	12	36/915	15/381	30/762	195/88.64	20/75.70
675/2555	LT900150*-50	8.25/233.64	1 / .75	6	10	36/915	15/381	30/762	200/90.91	20/75.70
800/3028	LT1300300*-50	9.84/278.67	2 / 1.12	4	8	36/915	15/381	30/762	210/95.45	20/75.70
1100/4163	LT1600300*-50	13.35/378.07	2 / 1.49	2	8	40/1016	18/458	44/1118	327/148.7	30/113.55
1500/5677	LT2000500*-50	18.30/518.26	3 / 2.24	2	6	40/1016	18/458	44/1118	327/148.7	30/113.55
1800/6813	LT2500500*-50	21.75/615.96	3 / 2.24	2	6	40/1016	18/458	44/1118	335/152.3	30/113.55

\*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.

**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.

**Air Maintenance Device  
Part # AMD-1**

The AMD-1 is used when compressed air is supplied through an existing factory air supply or when using tank mounted 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

### TANK MOUNTED LUBRICATED COMPRESSORS INSTALLATION INSTRUCTIONS

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

CONNECT TO REQUIRED SYSTEM TRIM

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

ACCELERATOR  
TANK MOUNTED UNITS ARE RECOMMENDED FOR USE WITH ACCELERATORS

200 F MAX.



P/N AMD - 1  
AIR MAINTENANCE DEVICE

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

INSTALL ALLOWING EASY ACCESS TO BELTGUARD FOR MAINTENANCE CHECKS

INTAKE CONNECTION INSTRUCTION SHEET G-203001

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

NOTE: UNITS ARE SHIPPED WITHOUT OIL INSTALLED

ADD OIL (P/N APC01Q) BEFORE OPERATING

PRESSURE SWITCH MUST BE WIRED IN CIRCUIT TO CONTROL COMPRESSOR.

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

MANUAL DRAIN STANDARD; AUTOMATIC DRAIN (P/N DVA-2T) RECOMMENDED FOR HUMID AREAS.

VIBRATION ISOLATORS  
P/N KVP 4X4

1/2" MINIMUM, LARGER IF REQUIRED BY CODE

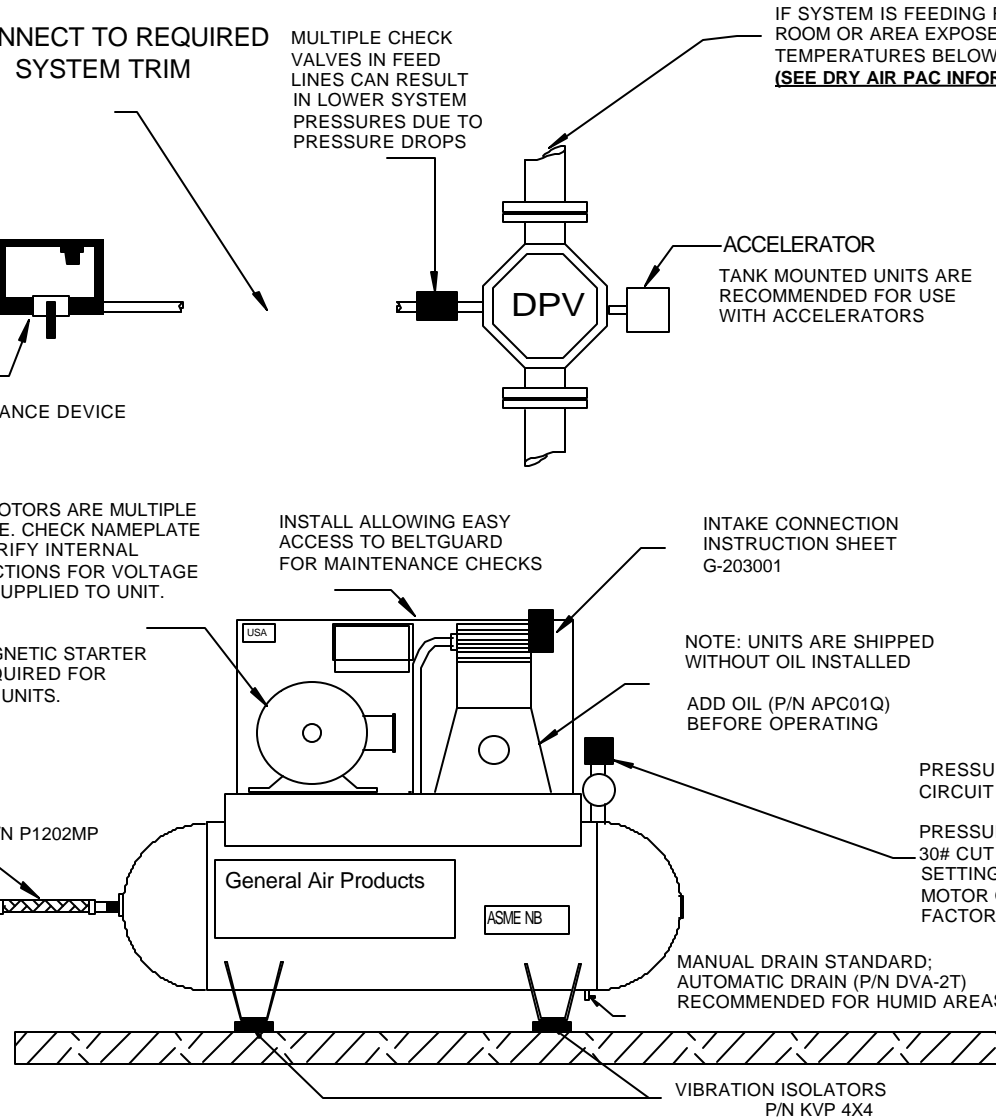
MAGNETIC STARTER REQUIRED FOR ALL UNITS.

FLEX HOSE P/N P1202MP

MANUAL DRAIN RECOMMENDED AS MINIMUM.

OR

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



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