

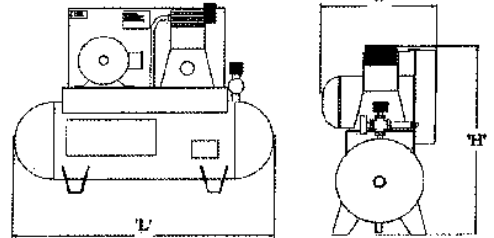


The Leading Manufacturer of Air Compressors  
for the Fire Protection Industry

**LT Series 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)



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

System Capacity (gallons)+	Model Number	Average CFM**	Motor H.P.	Min. Wire Size ++		Dimensions			Weight	Tank Capacity (gallons)
				1 Phase	3 Phase	L	W	H		
200	LT20033*	2.50	1/3	10	12	33	13	28	115	10
290	LT29050*	3.60	1/2	8	12	33	13	28	115	10
365	LT36575*	4.70	3/4	8	12	33	13	28	124	10
425	LT425100*	5.20	1	6	12	33	13	28	130	10
620	LT620100*	7.60	1	6	12	36	15	30	170	20
900	LT900150*	11.00	1 1/2	6	10	36	15	30	181	20
1000	LT1220200*	14.80	2	4	8	36	15	30	190	20
1300	LT1300300*	15.90	3	4	8	36	15	30	190	20
1600	LT1600300*	19.40	3	2	8	40	18	44	310	30
2000	LT2000500*	24.40	5	2	6	40	18	44	319	30
2500	LT2500500*	30.20	5	2	6	40	18	44	336	30

**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 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-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

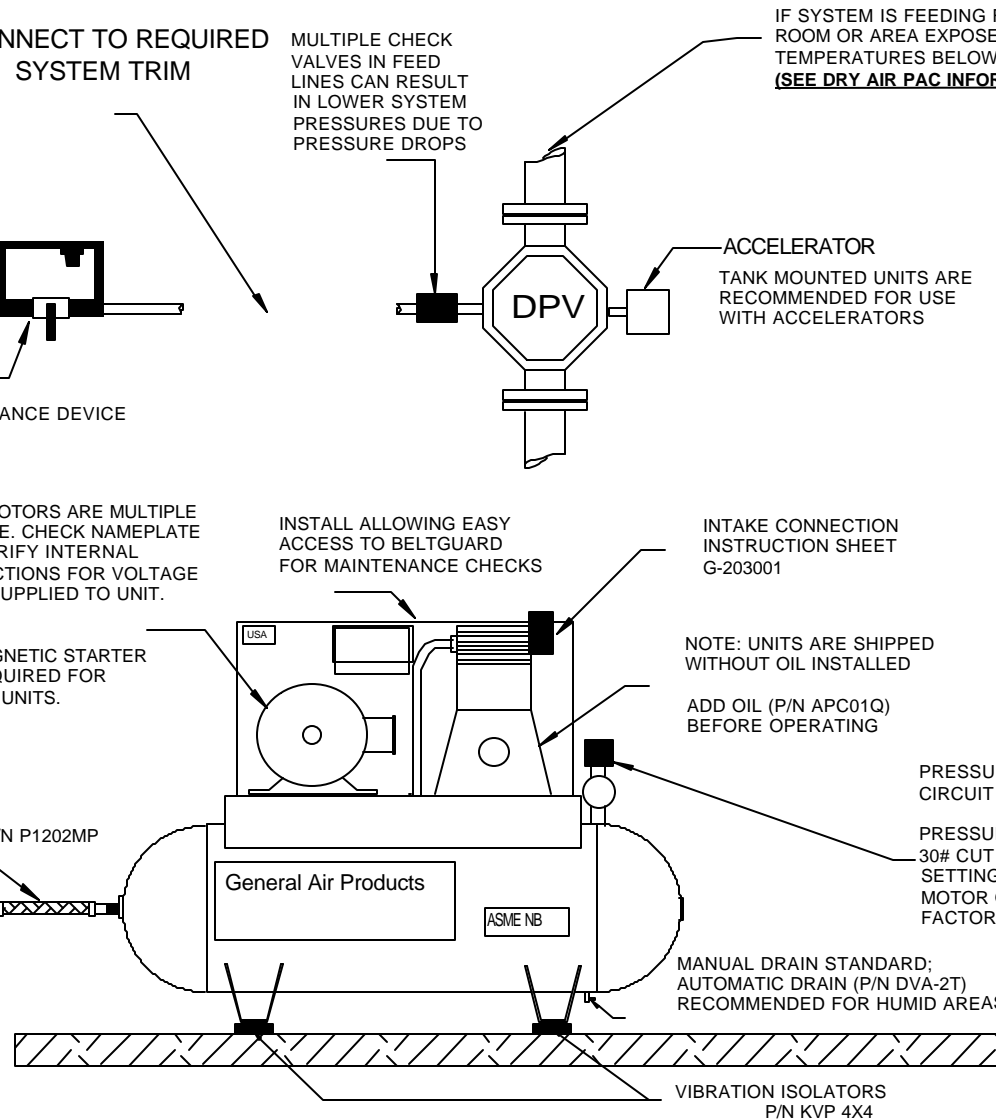
MAGNETIC STARTER REQUIRED FOR ALL UNITS.

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