



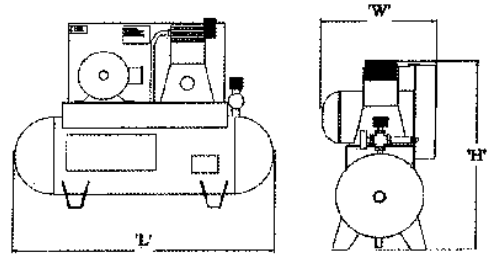
The Leading Manufacturer of Air Compressors
for the Fire Protection Industry

HIGH PRESSURE TANK MOUNTED COMPRESSORS

for Dry Pipe Sprinkler Systems - 100 PSI Operation



- 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	Motor H.P.	Min. Wire Size ++		Dimensions			Weight	Tank Capacity (gallons)
			1 Phase	3 Phase	L	W	H		
185	LT20033*-HP	1/3	10	12	33	13	28	105	10
220	LT29050*-HP	1/2	8	12	33	13	28	110	10
345	LT425100*-HP	1	6	12	33	13	28	118	10
360	LT620100*-HP	1	6	12	33	13	28	195	10
605	LT900150*-HP	1 1/2	6	12	36	15	30	200	20
730	LT1220200*-HP	2	6	10	36	15	30	210	20
1080	LT1300300*-HP	3	4	8	36	15	30	210	20
1200	LT1600300*-HP	3	2	8	40	18	44	327	30
1900	LT2000500*-HP	5	2	6	40	18	44	327	30
2400	LT2500500*-HP	5	2	6	40	18	44	335	30

*A = Single Phase 115/208-230 VAC through 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.

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

Magnetic Line Starters - Thermal Overload Protection


Single Phase

Maximum HP	115V	208/230V	Size	Model
	HP	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
	HP	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.



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

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

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.

1/2" MINIMUM, LARGER IF REQUIRED BY CODE

MAGNETIC STARTER REQUIRED FOR ALL UNITS.

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

MANUAL DRAIN RECOMMENDED AS MINIMUM.

FLEX HOSE P/N P1202MP

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