



## FEATURES

- Superior reliability – Designed using minimal parts for maximum reliability.
- Balance of toughness and weight - A lightweight, compact design made using durable heavy-duty anodized aluminum provides toughness while reducing overall weight.
- All weather performance – Seals and other components selected for best performance over a wide temperature range.
- These models use Remote Hand Pendants for remote control of air pressure.

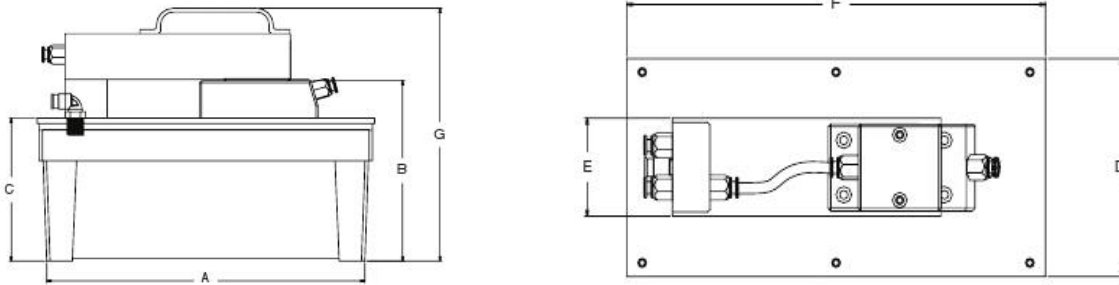
These versatile air pumps can safely deliver up to 10,000 psi of hydraulic pressure for a variety of applications. All models feature an internal relief valve to protect system components. When an air supply is available at your job site, it is quick and easy to use this air pump and it reduces operator fatigue over the use of a manual pump. With appropriate valves, gauges and accessories, these pumps can easily work with 2 to 4 cylinders.

### STA-101-1M

- This model beats the leading competitor in oil flow delivery resulting in more work in less time.
- This uses a two-stage release for fast ram return while keeping hydraulic shock to a minimum.
- This model can operate by foot or by hand using a pendant.
- When shipped, a shipping screw prevents any leakage. When ready to use, switch to air vent to increase performance.
- These models are available in either heavy-duty, anodized aluminum reservoir or a lower cost plastic reservoir. Both aluminum and plastic reservoir models are available in different sizes to better meet your oil capacity requirements. Reservoirs are interchangeable.

### STA-101-1M With Hand Pendant

Model Number	Actuator Style	Reservoir Type	Reservoir Color	Oil Capacity	Pressure Rating	Output Flow Rate		Air Pressure	Oil Port (in)	Ship Weight
						No Load	Load			
STA-101-1M	Pendant	Aluminum	Red	98	10,000	77	13	80-140	3/8" NTP	20
STA-101P-1M	Pendant	Plastic	White	98	10,000	77	13	80-140	3/8" NTP	20
STA-102-1M	Pendant	Aluminum	Red	183	10,000	77	13	80-140	3/8" NTP	26
STA-103-1M	Pendant	Aluminum	Red	305	10,000	77	13	80-140	3/8" NTP	39
STA-103P-1M	Pendant	Plastic	White	305	10,000	77	13	80-140	3/8" NTP	28
STA-104P-1M	Pendant	Plastic	White	454	10,000	77	13	80-140	3/8" NTP	62



## STA-101-1M Air Pump

Model Number	Dimensions (in.)						
	A	B	C	D	E	F	G
STA-101-1M	9.53	6.04	4.53	5.13	2.23	10.13	8.38
STA-101P-1M	9.53	6.04	4.53	5.13	2.23	10.13	8.38
STA-102-1M	12.00	6.29	4.78	6.00	2.23	12.13	8.63
STA-103-1M	12.00	6.29	4.78	6.00	2.23	12.13	8.63
STA-103P-1M	12.00	6.29	4.78	6.00	2.23	12.13	8.63
STA-104P-1M	10.82	8.63	7.11	9.13	2.23	12.00	10.96

## Typical System Connections

### Basic single-acting cylinder use:

- Hose + coupler (if needed) + cylinder
- Gauge adapter + gauge + hose + coupler (if needed) + cylinder

### Multiple cylinders use:

- Double-tee manifold adapter + hoses + couplers (if needed) + cylinder
- Same as above with gauge adapter + gauge on one output side

### Accessory Part Numbers:

HSH-0375-length:	(1.5, 2, 3, 6, 8 or 18 feet) – Hydraulic hoses
FIT-CPL-0375:	3/8" NPT Coupler
FIT-ELB45-0375:	3/8", 45 degree Elbow
FIT-ADP-2T-0375:	3/8" Double tee adapter
FIT-HEX-MXM-0375:	3/8" Nipple
GAGE-ADP-0250X0375:	Gauge adapter
10KGAGE2500:	2 1/2" 10,000 psi Gauge
FRL-xxxx:	Air Filter, regulator, lubricator (xxxx = sizes from 0250 to 1000) for (1/4", 3/8", 1/2" or 1" port)
FRL-SVP-0250:	1/4" shut-off valve and oil-free port