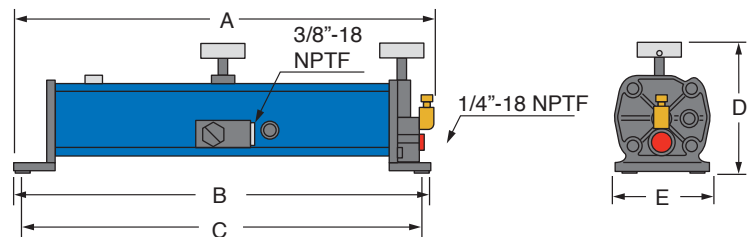


HAND OPERATED AIR PUMP

FEATURES

- Pump is designed for hand operation
- Fastest available no-load flow rate in the Freedom air pump line
- High strength metal reservoir eliminates reservoir cracking
- Shop air pressure range of 40-170 psi
- Ideal for frame machines and other OEM equipment
- Internal pressure relief valve protects from overloading
- Maximum working pressure at 10,000 psi

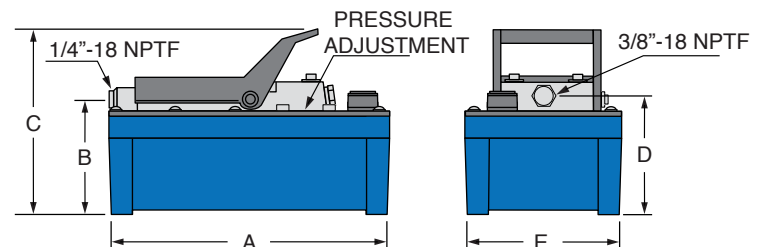


Model #	Usable Oil Capacity	Oil Output Flow Range (in ³ /min)		Air Pressure Range	Dimensions (in.)					Valve Function		Weight (lbs.)
	(in. ³)	0 PSI	10,000 PSI		A	B	C	D	E			
PA36H	36	159	11	120	18.50	17.99	17.20	5.20	5.47	Single Acting	ADVANCE / HOLD / RETRACT	8.71

ADJUSTABLE PRESSURE AIR PUMP

FEATURES

- Pump is equipped with an adjustable pressure setting for restricting maximum pressure to user's operational needs below 10,000 psi
- High strength metal reservoir eliminates reservoir cracking
- Shop air pressure range of 40-170 psi
- Ideal for frame machines and other OEM equipment
- Internal pressure relief valve protects from overloading
- Maximum working pressure at 10,000 psi



Model #	Usable Oil Capacity	Oil Output Flow Range (in ³ /min)		Air Pressure Range	Dimensions (in.)					Valve Function		Weight (lbs.)
	(in. ³)	0 PSI	10,000 PSI		A	B	C	D	E			
PA90A	90	87	21	40-170	10.04	5.16	7.95	5.31	5.00	Single Acting	ADVANCE / HOLD / RETRACT	15.54