

AIR OPERATED 16-GALLON 120 LB. DRUM PUMP MODEL 11400 – 100:1 RATIO



This DUALCO Air Operated Pump is needed for high-pressure applications. Benefits include operating ease and smooth efficiency. This pump is rugged, long lasting, and precision manufactured. The pump's strong spring and follower plate assembly assures positive priming of all types of light or heavy materials in hot or cold weather to NLGI-4. **Model 11400** comes as pictured, complete with a 10 ft., 3/8" I.D. high-pressure supply swivel hose with giant button head coupler (10850) outlet, self priming follower plate and spring, 15,000 psi liquid-filled gage, gage cover, and gage tee. An optional outlet connection (10733) Lube Adapter 1" – 14 UNS (female) is included.

Model 11400 is an air-operated volume pump, mounted on a 16 gallon, 120 lb. drum. This portable pump can be used indoors or outdoors. This pump comes completely assembled and is ready for use after installing on a drum of pumpable material.

This economical model features a 100:1 ratio pressure pump with sealed-in air motor. Maximum air inlet pressure of 150 psi may be used sparingly and with caution, but recommended inlet pressure of 100 to 105 psi gives an optimum operating range. Straight and "Z" swivels, a needle valve with an 18" discharge hose, check valve with pressure release, and a giant button head coupler (10850 – for the hose assembly outlet connection) is included.

Model 11400 accommodates a 16-gallon drum (120-150 lbs.). With an air inlet pressure of 150 psi, a delivery rate of approximately 15 oz./minute of NLGI-2 lubricant at 77° F (25° C) may be achieved, with a discharge pressure of 15,000 psi.

INQUIRE REGARDING OTHER AVAILABLE MODELS INCLUDING HOSE ASSEMBLY AND ELECTRONIC FLOW METER OPTIONS

USES FOR THE DUALCO AIR OPERATED DRUM PUMP INCLUDE

PUMPING MATERIAL INTO VALVES AND PUMPS WHEN HIGH PRESSURE, VOLUME & PORTABILITY ARE REQUIRED

COMMON INDUSTRY APPLICATIONS

PIPELINES CONVEYING CHEMICALS, CRUDE/REFINED OIL, NATURAL GAS, LPG, HYDROCARBONS & OTHER FUELS

PUMPING & COMPRESSOR STATIONS, REFINERIES & CHEMICAL PLANTS

STEEL MILLS ... LUMBER & PAPER MILLS

GAS & OIL DRILLING / PRODUCTION FIELDS

ASPHALT, RUBBER, WATER & SEWAGE TREATMENT PLANTS

HEAVY EQUIPMENT & MANUFACTURING

MINING & MARINE, INDUSTRIAL & MUNICIPAL UTILITIES

FEATURES

- SAFETY DEVICES INCLUDE BLEEDER VALVE AND SECURED LID
- SUPERIOR PUMPING PERFORMANCE WITH LUBRICANTS, SEALANTS, LIGHT PACKING AND CLEANERS
- EASILY INSTALLED ON 16-GALLON DRUM
- GREATER PRESSURES ARE ACHIEVABLE WITH LESS EFFORT THAN MANUAL OPERATED BUCKET PUMPS
- HEAVY DUTY, METAL CONSTRUCTION
- IDEAL FOR LONG PRODUCTION
- PORTABLE, EASILY SERVICEABLE AND PARTS ARE AVAILABLE

NOTE: For extended life of the air motor and down tube assembly, it is recommended an Air Filter/Lubricator with Regulator Set be used.

FOR PUMPING STICK MATERIAL OR HEAVY PACKING, CONTACT DUALCO FOR OTHER EQUIPMENT OPTIONS

OPERATE WITH CAUTION AND SAFETY

SPECIFICATIONS

| Model | Air Inlet | Material Outlet | Maximum Operating Pressure | | Optimum Operating Pressure | | Piston Diameter X Stroke | | Measurements (Unit Only) | | Approximate Net Weight | |
|-------|--------------|-----------------|----------------------------|-------|----------------------------|------|--------------------------|-----------|--------------------------|------------|------------------------|------|
| | | | PSI | Bars | PSI | Bars | Inches | Cm | Inches | Cm | Pounds | Kg |
| 11400 | 1/4" NPSI(f) | 3/8" NPTF(f) | 15,000 | 1,034 | 10,500 | 724 | 2-7/16 x 1-5/8 | 6.2 x 4.1 | 40" tall x 15" dia. | 101.5 x 38 | 60 | 27.5 |

THESE PRODUCTS ARE REPAIRABLE AND RECYCLABLE - MADE AND ASSEMBLED IN U.S.A.



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