

AIR OPERATED 5 QUART 10 LB. BUCKET PUMP MODEL 11420- 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 11420** comes as pictured, complete with a 10 ft., 3/8" I.D. high-pressure swivel hose with giant button head coupler (10850), self priming follower plate and spring, 15,000 psi liquid-filled gage, gage tee, and gage cover.

Model 11420 is an air-operated volume pump, mounted on a rubber-tired hand cart that keeps the lubricant container upright when in use. This portable pump can be used indoors or outdoors and transports easily up and down steps. This pump comes completely assembled and is ready for use after inserting material to be pumped into container.

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 giant button head coupler (10850 - for the hose assembly outlet connection) is included.

This bucket pump accommodates a 5-quart material container (10 lb.). 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 BUCKET 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 REFILLED MATERIAL CONTAINER
- 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 * MADE AND ASSEMBLED IN U.S.A.

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
11420	1/4" NPSI(f)	3/8" NPT(f)	15,000	1,034	10,500	724	2-7/16 x 1-5/8	6.2 x 4.1	40 x 18	101.5 x 45.6	75	34.3



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AIR OPERATED 5-6 GAL. 35-50 LB. BUCKET PUMP MODEL 11410 – 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 11410** 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.

Model 11410 is an air-operated volume pump, mounted on a rubber-tired swing (tilt) dolly that keeps the lubricant container upright when in use. This portable pump can be used indoors or outdoors and transports easily up and down steps. This pump comes completely assembled and is ready for use after inserting material to be pumped into the Bucket Pump container.

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 11440 is the same as **Model 11410**, but with a pressure release coupler (10640) hose assembly outlet connection.

Both models accommodate either a 5-gallon or 6-gallon material container (35 lb. – 50 lb.). 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 BUCKET 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,
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ASPHALT, RUBBER, WATER & SEWAGE TREATMENT PLANTS

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FEATURES

- SAFETY DEVICES INCLUDE BLEEDER VALVE AND SECURED LID
- SUPERIOR PUMPING PERFORMANCE WITH LUBRICANTS, SEALANTS, LIGHT PACKING AND CLEANERS
- EASILY REFILLED MATERIAL CONTAINER
- GREATER PRESSURES ARE ACHIEVABLE WITH LESS EFFORT THAN MANUAL OPERATED BUCKET PUMPS
- HEAVY DUTY, METAL CONSTRUCTION
- INCLUDES PAIL RING STABILIZER
- 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/Lubricator Set be used.

**FOR PUMPING STICK MATERIAL OR HEAVY PACKING, CONTACT DUALCO FOR OTHER EQUIPMENT OPTIONS
OPERATE WITH CAUTION AND SAFETY * MADE AND ASSEMBLED IN U.S.A.**

SPECIFICATIONS

Models	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
11410	¼" 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	41 x 24	104 x 60.9	82	37.5
11440												



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