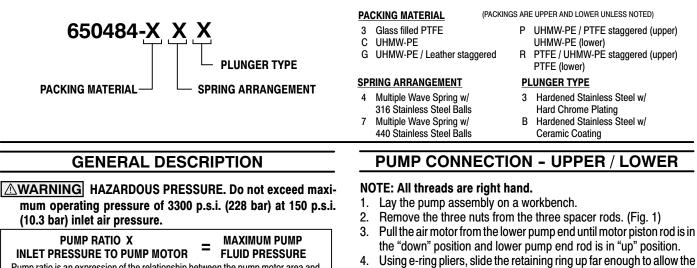
OPERATOR'S MANUAL	. 650484-X
	TROUBLESHOOTING 650484-XXX ALL PUMP SERIES SERIES STAINLESS STEEL
READ THIS MANUAL	CAREFULLY BEFORE INSTALLING, SERVICING THIS EQUIPMENT. ton in the hands of the operator. Keep for future reference. PUMP DATA MODEL 650484-XXX
Parts Information is needed, request the Air Motor Operator's Manu- al from ARO. (Manual 6544X-X, PN 97999-64). • <u>637306-X43</u> for repair of Lower Pump section. Refer to the chart on page 2 for description of -XXX options. SPECIFICATIONS Model Series (Refer to option chart)	Air Inlet (female) 1/2 - 14 N.P.T.F 1 Air Motor 65465-B (See Manual 6544X-X) Spacer Section
Type Air Operated, Two Ball Ratio 22:1 Air Motor 65465-B Motor Repair Kit 61268 Motor Diameter 4-1/4" (10.8 cm) Stroke 6" Air Inlet (female) 1/2 - 14 N.P.T.F 1 Air Exhaust (female) 1-1/4 - 11-1/2 N.P.T.F 1 Lower Pump End Series 6301-XXX Lower Pump Repair Kit 637306-X43 Material Inlet (female) 1 - 11-1/2 N.P.T.F 1 &	NUT Y85-29-C (3) CONNECTOR See Figure 2 (1009 mm) SPRING 94674 SPACER ROD 94209 (3) Material Outlet (female) 1 - 11-1/2 N.P.T.F 1 32° FROM AIR EXHAUST
(male)	12-11/16 Lower Pump (322 mm) 66301-XXX (See Manual 66301-X) (See Manual 66301-X) 2 - 11-1/2 P.T.F. SAE 1 - 11-1/2 N.P.T.F 1 SPEC. SHORT (male inlet) 1 - 11-1/2 N.P.T.F 1
Displacement In ³ Per Cycle 7.5 Volume / Cycle 4.1 oz. (121 ml) Cycles Per Gallon 30.9 Flow @ 60 Cycles / Minute 1.9 g.p.m. (7.2 l.p.m.) Noise Level @ 60 p.s.i 40 c.p.m. 81.8 db(A) * * The pump sound pressure level has been updated to an Equivalent Continuous Sound Level (L _{Aeq}) to meet the intent of ANSI S1. 13-1971, CAGI-PNEUROP S5.1 using four microphone locations.	Material Inlet FIGURE 1 Accessories Available: 91790 Silencer, 66101 Wall Bracket. IMPORTANT This is one of the four documents which support the pump. Replacement copies of these forms are available upon request. 650484-X MODEL OPERATOR'S MANUAL GENERAL INFORMATION - INDUSTRIAL PISTON PUMPS 66301-X LOWER PUMP END OPERATOR'S MANUAL 6544X-X AIR MOTOR OPERATOR'S MANUAL

CCN 99434656

ARO *Dingersoll Rand*

PUMP OPTION DESCRIPTION CHART



Pump ratio is an expression of the relationship between the pump motor area and the lower pump end area. EXAMPLE: When 150 p.s.i. (10.3 bar) inlet pressure is supplied to the motor of a 6:1 ratio pump it will develop a maximum of 750 p.s.i. (52 bar) fluid pressure (at no flow) - as the fluid control is opened, the flow rate will increase as the motor cycle rate increases to keep up with the demand.

WARNING Refer to general information sheet for additional safety precautions and important information.

- The Two-Ball pumps are primarily designed for the pumping of medium viscosity fluids, Stainless Steel construction offers compatibility with a wide range of fluids. The two-ball design provides better priming of the lower foot valve. The double acting feature is standard in all ARO industrial pumps, material is delivered to the pump discharge outlet on both the up and down stroke.
- The motor is connected to the lower pump end by a spacer section. This allows for lubrication of the upper packing gland and prevents motor contamination because of normal wear and eventual leakage through the material packing gland. Be sure the solvent cup is adequately filled with lubricant to protect the upper packings and insure longest service life.

TROUBLE SHOOTING

Pump problems can occur in either the Air Motor Section or the Lower Pump End Section, use these basic guidelines to help determine which section is affected.

If the pump will not cycle.

- Be certain to first check for non-pump problems including kinked, restrictive or plugged inlet / outlet hose or dispensing device. Depressurize the pump system and clean out any obstructions in the inlet / outlet material lines.
- Refer to the motor manual for trouble shooting if the pump does not cycle and / or air leaks from the air motor.

If the pump cycles but does not deliver material.

Refer to the lower pump end manual for further trouble shooting.

PUMP CONNECTOR DETAIL Pump Motor RETAINING RING Piston Rod 90102 FIGURE 2 SLEEVE Lower Pump CONNECTOR Piston Rod Output

sleeve to move upward and release the two connectors. (Fig. 2)

REASSEMBLY

- 1. Align the pump motor with the lower pump end.
- 2. Install the two connectors and retain with the sleeve, slide the retaining ring back into position.
- 3. Reinstall the spacer rods to the pump motor.
- 4. Bring the motor and lower pump together and retain with the three nuts.



Free Manuals Download Website <u>http://myh66.com</u> <u>http://usermanuals.us</u> <u>http://www.somanuals.com</u> <u>http://www.4manuals.cc</u> <u>http://www.4manuals.cc</u> <u>http://www.4manuals.cc</u> <u>http://www.4manuals.com</u> <u>http://www.404manual.com</u> <u>http://www.luxmanual.com</u> <u>http://aubethermostatmanual.com</u> Golf course search by state

http://golfingnear.com Email search by domain

http://emailbydomain.com Auto manuals search

http://auto.somanuals.com TV manuals search

http://tv.somanuals.com