

RELIABLE EQUIPMENT & SERVICE CO., INC.

REL-10-I INTENSIFIER 10,000 PSI



Height 4.50 in.
Length 5.25 in.
Width 4.25 in.
Weight 9.75 lb.



A SMALL TOOL FOR A BIG JOB!

This revolutionary intensifier will increase line pressure to a maximum of 10,000 psi and is fully compatible with all high pressure hydraulic equipment. (i.e. Crimping, Cutting & Sparring Tools) In comparison to the Stage Pump's 75 to 185 moving parts, Reliable's Intensifier with only 12 moving parts will provide consistent, smooth operation and simplicity of service, which was never before available in it's costly and complex counterpart.

SPECIAL FEATURES

1. H/P Quick-Disconnects
2. Folding Handle with 90° Stop
3. Adjustable Mounting Brackets

REL- 4-I Increase to 4,000 psi
REL- 6-I Increase to 6,000 psi
REL-10-I Increase to 10,000 psi

SPECIFICATIONS

HYDRAULIC SYSTEM..... Open or Closed Center
MOTOR Gear Driven
OPERATING PRESSURE 1,400-2,000 psi
FLOW RANGE 4-7 gpm
OPTIMUM OPERATING PRESSURE ..1,800 psi @ 6 gpm
OUTPUT - FAST ADVANCE MODE 305 in. ³/min
OUTPUT - HIGH PRESSURE MODE 30 in. ³/min
RELIEF VALVE SETTING 4,000 - 10,000 psi
HIGH PRESSURE PORT 3/8 in. NPT
INLET PORT..... 3/8 in. NPT
RETURN PORT..... 3/8 in. NPT

SPECIAL FEATURES

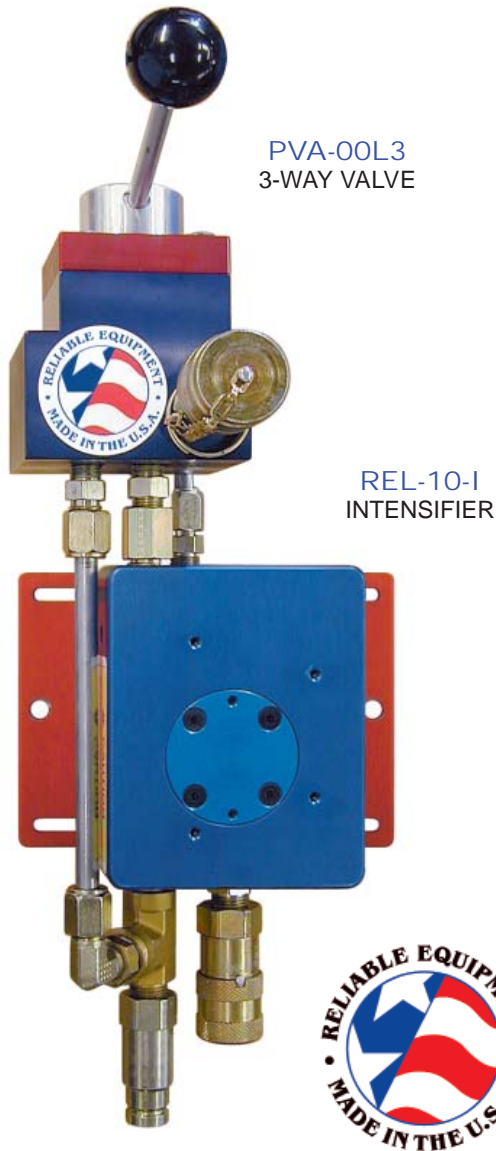
HIGH PRESSURE COUPLERIncluded
ADJUSTABLE MOUNTING BRACKETS.....Included
UL-BCA - MOUNTING BUCKET Optional



RELIABLE EQUIPMENT & SERVICE CO., INC.

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Visit us on the web at www.Reliable-Equip.com

REL-10-I-SA
SINGLE ACTING 10,000 PSI
INTENSIFIER/VALVE



PVA-00L3
3-WAY VALVE

REL-10-I
INTENSIFIER



The REL-10-I-SA provides quick advance and retract for high pressure (10,000 psi) single acting spring return tools, without the need for additional H/P hoses, couplers or an in-line control valve.

This system combines the power of a high pressure intensifier with the simplicity of a fixed position three way control valve.

The REL-10-I intensifier will increase line pressure to a maximum of 10,000 psi and is fully compatible with all high pressure hydraulic equipment.

The PVA-00L3 single-acting control valve, provides 3-way control (Advance, Neutral, Retract) direct from the high pressure source.

Together this intensifier/valve package allows return oil to bypass the intensifier and return directly to the tank (return) line, increasing tool speed and performance.

SPECIFICATIONS

HYDRAULIC SYSTEM.....	Open or Closed Center
MOTOR	Gear Driven
OPERATING PRESSURE	1,400-2,000 psi
FLOW RANGE	4-7 gpm
OPTIMUM OPERATING PRESSURE ..	1,800 psi @ 6 gpm
OUTPUT - FAST ADVANCE MODE	305 in. ³ /min
OUTPUT - HIGH PRESSURE MODE	30 in. ³ /min
RELIEF VALVE SETTING	4,000 - 10,000 psi
HIGH PRESSURE PORT	3/8 in. NPT
INLET PORT.....	3/8 in. NPT
RETURN PORT.....	3/8 in. NPT

SPECIAL FEATURES

HIGH PRESSURE COUPLER	Included
ADJUSTABLE MOUNTING BRACKETS.....	Included
UL-BCA - MOUNTING BUCKET	Optional

SPECIFICATIONS - HYDRAULIC POWER SOURCE (HTMA)

200 psi back pressure is the maximum agreed standard for the Hydraulic Tool Manufacturers Association.

1. Maximum fluid temperature must not exceed 140°F (60°C) at the maximum expected ambient temperature. A sufficient oil cooling capacity is needed to limit the fluid temperature.
2. Maximum flow must not exceed 8 GPM. Install a flow meter in the return line to test the rate of flow in the system before working the tool.
3. Pressure relief valve must not exceed 2,200 PSI. The pressure relief valve must be located in the supply circuit between the pump and the intensifier to limit excessive pressure to the tool.

Any hydraulic power source used with this unit must meet the requirements above.