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[ELECTRONIC LEVEL MEASUREMENT](#)
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K512 - Oil Level Controller

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PRODUCT RANGE

- * [KLGW - Oil Level Controller](#)
- * [507 - Oil Level Controller](#)
- * [KLC - Oil Level Controller](#)
- * [K512 - Oil Level Controller](#)
- * [KLCE - Oil Level Controller](#)
- * [KHL - Oil Level Controller](#)
- * [KSHL - Oil Level Controller](#)
- * [KSL - Oil Level Controller](#)
- * [KES - Electric Oil Level Switch](#)
- * [KPS - Pneumatic Oil Level Switch](#)
- * [KLCP - Oil Level Controller](#)

INSTALLATION INSTRUCTIONS

- [K512 Manual](#)
- [512 \(old style\) Manual](#)
- [RK-512\(old style\) Manual](#)
- [512-TB \(old style\) Manual](#)

SPARE PARTS

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TECHNICAL DRAWINGS



SPECIFICATIONS

STANDARD MATERIALS OF CONSTRUCTION:

- Valve Seat** - Buna-N
- Optional Valve Seat Material** - Fluorocarbon
- Valve Orifice** - Aluminum
- Housing** - Aluminum
- Float Material** - Closed Cell Polyurethane
- Oil Inlet Screen** - 20 Mesh Brass Cloth
- Sight Window:** - Transparent Nylon (UV Stabilized)
- Hermetically Sealed Glass (Optional)



PROCESS CONNECTIONS:

- Oil Inlet Connection** - 1/2" FNPT
- Oil Outlet Connections** - (2) 1/2" FNPT (1) 3/4" FNPT

OIL INLET DATA:

- Static Head Pressure Range** - 2-12 ft.
- Maximum Temperature** - 180°F / 82°C
- High Pressure Models** - Not Available

MINIMUM FLOW RATE TEST RESULTS:

(Tested at 2' of head pressure using 40 wt. oil at temperatures shown below)

- 20°-30°F** = 10.96 GPD
- 30°-40°F** = 14.14 GPD
- 40°-50°F** = 16.76 GPD

ELECTRICAL SWITCH DATA:

- Switch Trip Point** - 1/2" Drop
- Switch Rating** - 2 amps, 30 VAC or VDC
- Maximum Temperature** - 180°F / 82°C
- Electrical Connection** - 1/2" FNPT
- Standard Circuitry** - Case-to-Ground

K512 SPECIFIC MOUNTING ADAPTER OPTIONS:

- 1 = Clark MA & CFA
- 2 = Clark HMB & TMB
- 3 = Clark RA, HRA, HBA, HCA, HLA & TLA
- 4 = Ingersoll-Rand SVG & KVS
- 5 = Ingersoll-Rand KVG
- 6 = Cooper-Bessemer GMW
- 7 = Cooper-Bessemer GMV
- 8 = Cooper-Bessemer GMX
- 9U = Universal Mounting
- 11 = Mechanical Lubricator Mounting
- 12 = Post Mount for 1/2" Pipe
- 14 = Cooper Superior Compressor (Formerly White)
- 15 = Ingersoll-Rand XVG & PVG
- 16 = Cooper-Bessemer BMV & 275 (Available with varied oil level)
- 17 = Waukesha VHP Engines F2895, F3251, F5108, L5790 and L7042
(Replaces Inspection Door with Single Bolt Mounting Arrangement)
- 18 = Waukesha VHP Engines F2895, F3251, F5108, L5790 and L7042
(Same as -17 except with integral KENCO 1618 Low Flow Meter)
- 19 = Ingersoll-Rand Rotary
- 21 = Cooper-Bessemer 2400 SERIES 6
- 24 = Ariel JGE (2/4 Throw), JGH (2/4 Throw), JGK (2/4 Throw) and JGT (2/4 Throw) Compressors
- 25 = Ariel JGU (2/4/6 Throw), JGZ (2/4/6 Throw), KBB (4/6 Throw) and KBV (4/6 Throw) Compressors
- 27 = Waukesha VHP Engines F2895, F3251, F5108, L5790 and L7042
(Replaces Inspection Door with Two Bolt Mounting Arrangement)
- 37 = Waukesha P9390 Engine
(Replaces Inspection Door)
- 38 = Waukesha P9390 Engine
(Same as -37 except with integral KENCO 1618 Low Flow Meter)
- 39 = Waukesha P9390 Engine
(Same as -37 except with integral KENCO 14308 Low Flow Meter)
- 40 = Waukesha VHP Engines F2895, F3251, F5108, L5790 and L7042
(Same as -17 except with integral KENCO 1618 Low Flow Meter)

- 48A** = Ariel JGB (4/6 Throw), JGC (2 Throw), JGD (2 Throw) and JGV (4/6 Throw) Compressors
- 48B** = Ariel JGC (4/6 Throw) and JGD (4/6 Throw) Compressors with Standard Shaft Rotation and Single Chain Drive / Ariel JGC (6 Throw) and JGD (6 Throw) Compressors with Reverse Shaft Rotation and Dual Chain Drive
- 48C** = Ariel JGC (4/6 Throw) and JGD (4/6 Throw) Compressors with Reverse Shaft Rotation and Single Chain Drive / Ariel JGC (6 Throw) and JGD (6 Throw) Compressors with Standard Shaft Rotation and Dual Chain Drive
- 991** = Dresser Rand HOS (4/6 Throw) Compressors
- C33/34** = Caterpillar C3300/3400 Engines
- A** = Arrow C46, C66, C106 & C245
- AJAX** = Ajax, Lufkin Made Before 1-1-63, Superior and Other Crosshead Type Engines & Tri-Plex Pumps with 1/2" Drains
- FM** = Fairbanks Morse ZC, 118, 208, 346, 503 & 739
- L-795** = Arrow L-795
- ML** = For Side Mounting on Mechanical Lubricator when there is No Extra Pump Pocket
- SML** = Mounts on the end of the McCord Mechanical Lubricator next to the filler cap
- W** = Witte B, C, F28, F32 & F42
- W98** = Witte 98 with Oil Gauge Bolted to Engine

ADDITIONAL OPTIONS:**Fire Safe Valve Option -**

- FS** = Fire Safe Valve

Extra Options -

- K** = Hose Kit


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