

AIR PUMP CO. MODEL #3500 LEVEL CONTROL VALVES

(REPLACES MODELS #3000 & #3000A)

**FLOATLESS
NON ELECTRIC
CONTROL
FOR PUMPS
ALARMS
AND
PROCESSES**



MODEL #3500 FOR
PUMP CONTROL
SELECT EITHER
THE CD 5" OR
WD 10" ON-OFF
DIFFERENTIAL MODEL.



MODEL # 3500 ALM
NORMALLY OPEN
CONTROL FOR
HIGH LEVEL SHUT
OFF ON WASTE OIL
TANKS AND TANK
FILLING
APPLICATIONS

BENEFITS

**ALL THE FEATURES OF OUR BEST SELLING
#3000 SERIES CONTROLS – PLUS –**

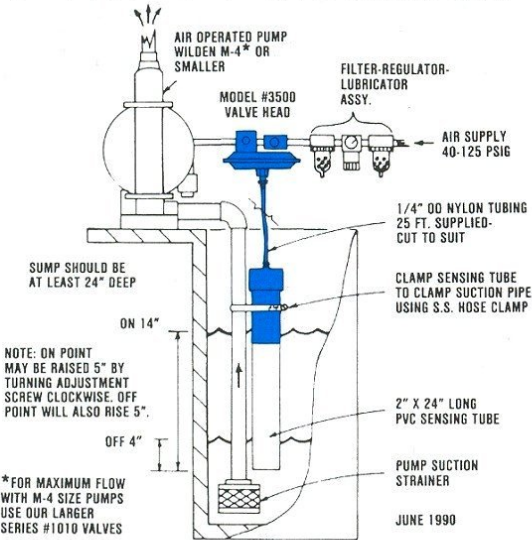
- **CRISP ON-OFF** No Pump Slowdown at End of Cycle
- **STANDARD 3-WAY DESIGN** Dumps Air Line Pressure Between Control & Pump on Shutdown to Help Prevent Pump Stalling.
- **ONE MODEL DOES IT ALL** Field Changeable from 5" to 10" Differential.

VERSATILE - RELIABLE - COMPETITIVELY PRICED

APPLICATIONS

AIR PUMP CO. MODEL #3500 NC WD

[normally closed control with wide differential spool]

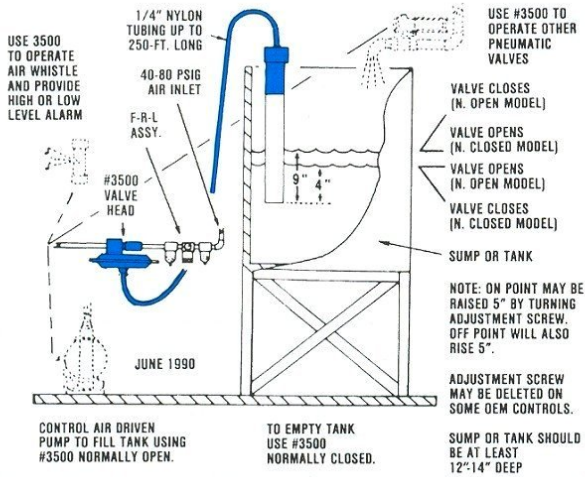


NOTE: ON POINT MAY BE RAISED 5" BY TURNING ADJUSTMENT SCREW CLOCKWISE. OFF POINT WILL ALSO RISE 5".

*FOR MAXIMUM FLOW WITH M-4 SIZE PUMPS USE OUR LARGER SERIES #1010 VALVES

AIR PUMP CO. MODEL #3500 NC NO CD

[normally closed or open control with close differential spool]



USE 3500 TO OPERATE AIR WHISTLE AND PROVIDE HIGH OR LOW LEVEL ALARM

USE #3500 TO OPERATE OTHER PNEUMATIC VALVES

VALVE CLOSES (N. OPEN MODEL)
VALVE OPENS (N. CLOSED MODEL)
VALVE OPENS (N. OPEN MODEL)
VALVE CLOSES (N. CLOSED MODEL)

NOTE: ON POINT MAY BE RAISED 5" BY TURNING ADJUSTMENT SCREW. OFF POINT WILL ALSO RISE 5".

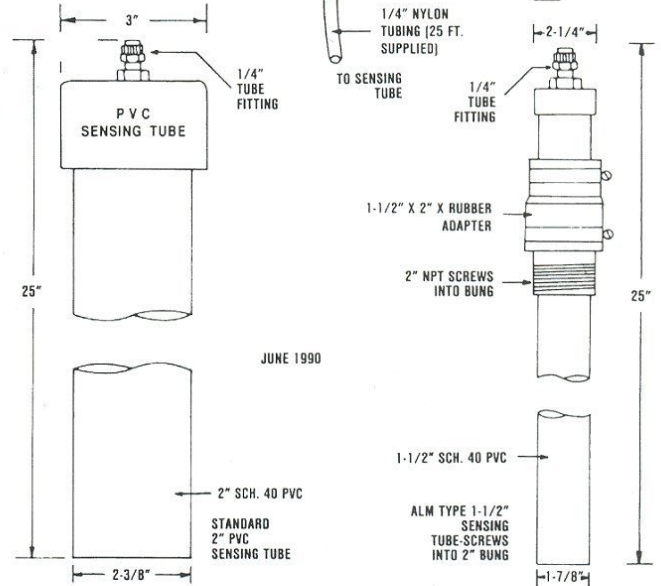
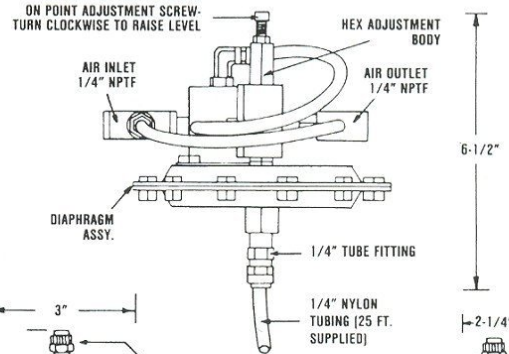
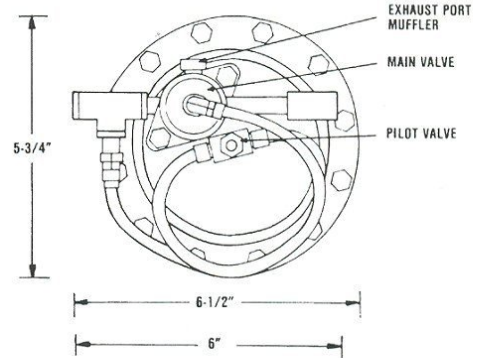
ADJUSTMENT SCREW MAY BE DELETED ON SOME OEM CONTROLS.

CONTROL AIR DRIVEN PUMP TO FILL TANK USING #3500 NORMALLY OPEN.

TO EMPTY TANK USE #3500 NORMALLY CLOSED.

SUMP OR TANK SHOULD BE AT LEAST 12" X 14" DEEP

AIR PUMP CO. MODEL #3500 LEVEL CONTROL



SPECIFICATIONS

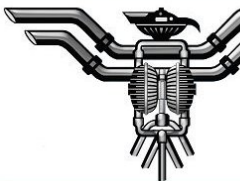
- Controls Filtered, Regulated Lubricated, Compressed Air @ 40-125 PSIG
- Temperature Range 35° - 180°F
- Valve Size 1/4" NPT
- Valve Type Air Pilot Operated 3-Way
- Maximum Flow 35 SCFM @ 125 PSIG
- On-Off Differential CD Model 5" WC WD Model 10" WC
- On Point Adjustment Range CD Model 9" to 14" WD Model 14" to 19"

OPERATION

Air pressure created by liquid rising in the sensing tube is transmitted to a diaphragm in the valve head via nylon tubing. The diaphragm activates an air pilot valve which opens or closes the main valve.

ORDERING INFORMATION

- Select Sensing Tube, PVC, Steel or 316 SS
- Select Diaphragm Material - Buna N Std. Teflon Optional
- Select Normally Open or Normally Closed
- Select CD or WD Model
- If Air Whistle Wanted, Add W



PHOENIX PUMPS, INC.

3552 E. Corona • Phoenix, AZ 85040 • Phone: 602.232.2994 • Fax: 602.232.2995

www.phoenixpumps.com