



Model 007585  
Recommended Installation, Maintenance  
and Inspection Instructions

007585

## AD110 Drain Valve

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS IN A READILY ACCESSIBLE LOCATION.

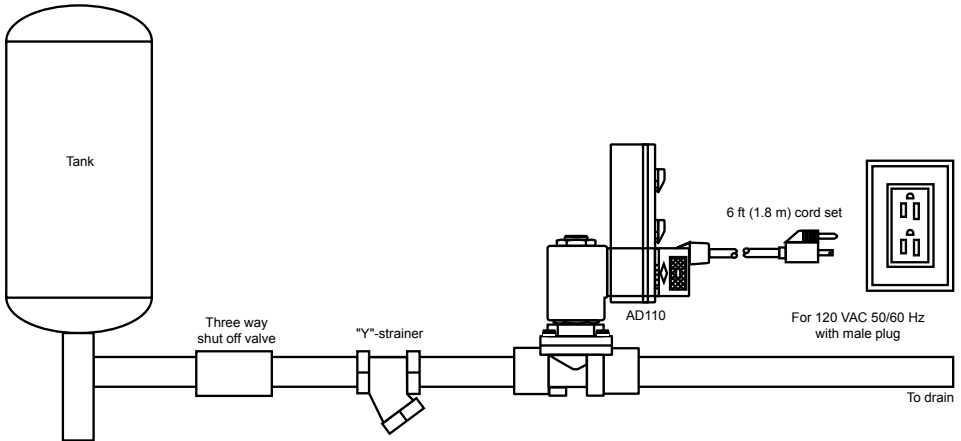
**⚠ WARNING** Never use with gasoline or highly flammable liquids.

### INSTALLATION INSTRUCTIONS

*NOTE: The schematic below depicts a typical installation.*

1. Connect to air line.
2. Plug into wall socket.

**The installation should include a three way shut-off valve to facilitate future maintenance, and a "Y"-strainer to catch large particulates that can clog the drain valve orifice.**



### TESTING / MAINTENANCE / INSPECTION



Monthly

- Confirm "Y"-strainer is free of debris.
- Confirm AD110 is properly connected to outlet.

- Follow all city, state, or federal wiring code requirements as appropriate.
- Apply city, state, or federal testing regulations as appropriate.

**MADE IN THE USA**

**ANY TEST / INSPECTION  
FAILURE REQUIRES IMMEDIATE  
EQUIPMENT REPLACEMENT OR  
REMOVAL FROM SERVICE.**

**ALWAYS ADHERE TO INSTALLATION / USAGE INSTRUCTIONS AND WARNINGS.**

Improper use may result in injury, damage, or hazardous spill.

**GENERAL WARNINGS / INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS:**

- Use of equipment is at individuals' own risk.



- Always abide and adhere to city, state, and federal regulations regarding use and installation of monitoring equipment.



- Always follow the product manufacturer's installation and maintenance instructions.



- Always turn off all power to monitor during maintenance activities.



- Always replace or remove from service damaged equipment immediately.

- Always report leaks / spills / accidents to appropriate authorities.

- Always wear appropriate safety equipment during maintenance and inspection activities.

- Always have appropriate fire extinguishing equipment within 5 ft / 1.5 m of tanks.

- Always use Teflon® tape or appropriate thread sealant.



- The tank contents are the sole responsibility of the tank owner.



- Never allow waste product to touch eyes or skin.



- Never install monitors outdoors without proper protection from the elements.



- Never use on below ground storage tanks.



- Never exceed the maximum milliamps specified in manufacturer's installation and maintenance instructions.



- Never solely rely on this product; there is no substitute for human supervision.

- Never to be used as a component of any automatically controlled pump transfer system.

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## **CAUTION: Maximum operating pressure is 230 PSI (15.8 bar). Maximum fluid temperature rating 194°F (90°C).**

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### **WARRANTY**

Husky Corporation will, at its option, repair, replace, or credit the purchase price of any BJE® product deemed to be defective in material and/or workmanship for a period of one (1) year.

Buyer must return the products to Husky®, transportation charges prepaid. The warranty excludes damages due to malfunction, failure to follow manufacturer's installation, operation or maintenance instructions and guidelines, unauthorized modifications or alterations, abuse, or misuse.

The warranty provisions contained herein apply only to original purchasers who use the equipment for commercial or industrial purposes. There are not other warranties of merchantability, fitness for a particular purpose, or otherwise, and any other such warranties are hereby specifically disclaimed.

Husky assumes no liability for labor charges or other costs incurred by Buyer incidental to the service, adjustment, repair, return, removal or replacement of products. Husky is not responsible for any losses (including loss of profits or revenues) incurred by the purchaser during the time necessary to repair the equipment. Husky assumes no liability for any incidental, consequential, or other damages under any warranty, express or implied, and all such liability is hereby expressly excluded.

Husky reserves the right to change or improve the design of any Husky Oil Filter Crushers, Tank Monitors, Tank Gauges, Overfill Alarms, Overfill Accessories, Air Shut-off Valves, Solenoid Valves, and Electronic Drain Valves without assuming any obligations to modify any Husky Oil Filter Crushers, Tank Monitors, Tank Gauges, Overfill Alarms, Overfill Accessories, Air Shut-off Valves, Solenoid Valves, and Electronic Drain Valves previously manufactured.

## GENERAL TECHNICAL DATA

<b>Applications</b>	Drain valve for compressed air systems.
<b>Function</b>	2-way, 2-position normally closed or normally open piloted diaphragm.
<b>Port Sizes</b>	¼" (6.3 mm) NPT
<b>Orifice Size</b>	½" (12.7 mm) NPT
<b>Pressure Range</b>	0 - 230 PSI (0 - 15.8 bar)
<b>Flow Factors</b>	¼" (6.3 mm) 1.55 Cv (8.2 gpm / 31 Lpm)
<b>Temperature Range</b>	Fluid = 194°F (90°C) Maximum Ambient = 50° - 122°F (10° - 50°C)
<b>Response Time</b>	20 - 80 ms (Complete cycle)
<b>Materials</b>	Operator: AISI 400 and 300 series Shading Ring: Copper Seals: Viton, Nitrile, EPDM Valve Body: Forged Brass
<b>Manual Override</b>	Push non-locking
<b>Mounting</b>	In-line

## GENERAL ELECTRICAL DATA

<b>Coil Data</b>	Glass filled nylon encapsulation (Class F, continuous duty) 8 watt Voltages: 120, 220, 240 VAC / 50/60 Hz Voltage tolerance: +/- 10%
<b>Ambient Temperature</b>	-4° to 149°F (-20° to 65°C)
<b>ISO DIN Interface</b>	DIN 43650 / ISO 4400
<b>Electrical Connection</b>	6 ft (1.8 m) cord set with ground wall plug.

## ACCESSORIES

**Model 007730** AD Y Strainer