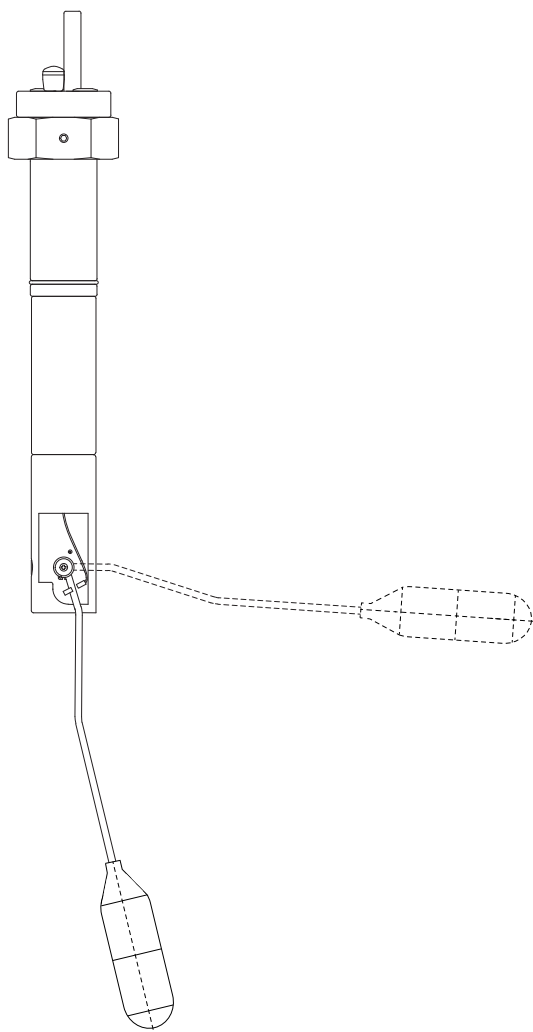


# Overfill warning device

Model 84824, series "A"



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**Version 2**

Read manual prior to installation or use of this product. Keep manual nearby for future reference.

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## Description

Model 84824 overfill warning device, designed for double wall tanks, functions as air supply shut-off to pump when tanks reach near full capacity. In shut-off position, air is diverted from pump to signal whistle to alert full tank condition. Warning device automatically resets when tank is emptied. Periodical operational testing can be performed by lifting test button about one inch; this should shut-off air to pump and sound signal whistle. Release button and valve will reset itself.

## Owner/Operator responsibility

It is responsibility of owner/operator to properly use and maintain equipment.

It is responsibility of owner/operator to maintain legibility of all warning and instruction labels.

Owner/Operator shall retain manual for future reference to important warnings, operating and maintenance instructions.

Table 1

### Specifications

Fits into 2 in. NPT tank opening

Air inlet port	1/4 in. NPT internal
Air outlet port	1/4 in. NPT internal
Overall height	29 5/8 in. (752,5 mm)
Maximum air pressure	100 psi (6,89 mm) <sup>1)*</sup>

<sup>1)</sup> Use of an air filter, regulator and lubricator is recommended to prevent damage to unit.  
\* Indicates change.

### WARNING

This device is not intended to reduce or replace user responsibility when transferring liquids to holding tank.  
Failure to comply may result in death or serious injury.

## Installation

- 1 Valve must be installed in direction that will permit free rise and fall of float assembly. Inspect tank interior for baffles that can obstruct float action.
- 2 Back off set screw in threaded collar one full turn; this will release collar and allow it to rotate freely around valve body.
- 3 Insert valve assembly into bung opening at top of tank. **Arrow** on top of valve must point to tank area selected for float operation.
- 4 Hold valve top in position while screwing valve collar into tank. Collar is fitted to accommodate spanner wrench for tightening.
- 5 Recheck **arrow** to make sure valve is in desired operating position before tightening collar set screw. When set screw is tightened, valve is **locked-in** operating position.
- 6 Place filters, regulators, oilers and air valves in front of air supply line going to **in** port of valve. Never place accessories and valves in air supply line from **out** port to pump.

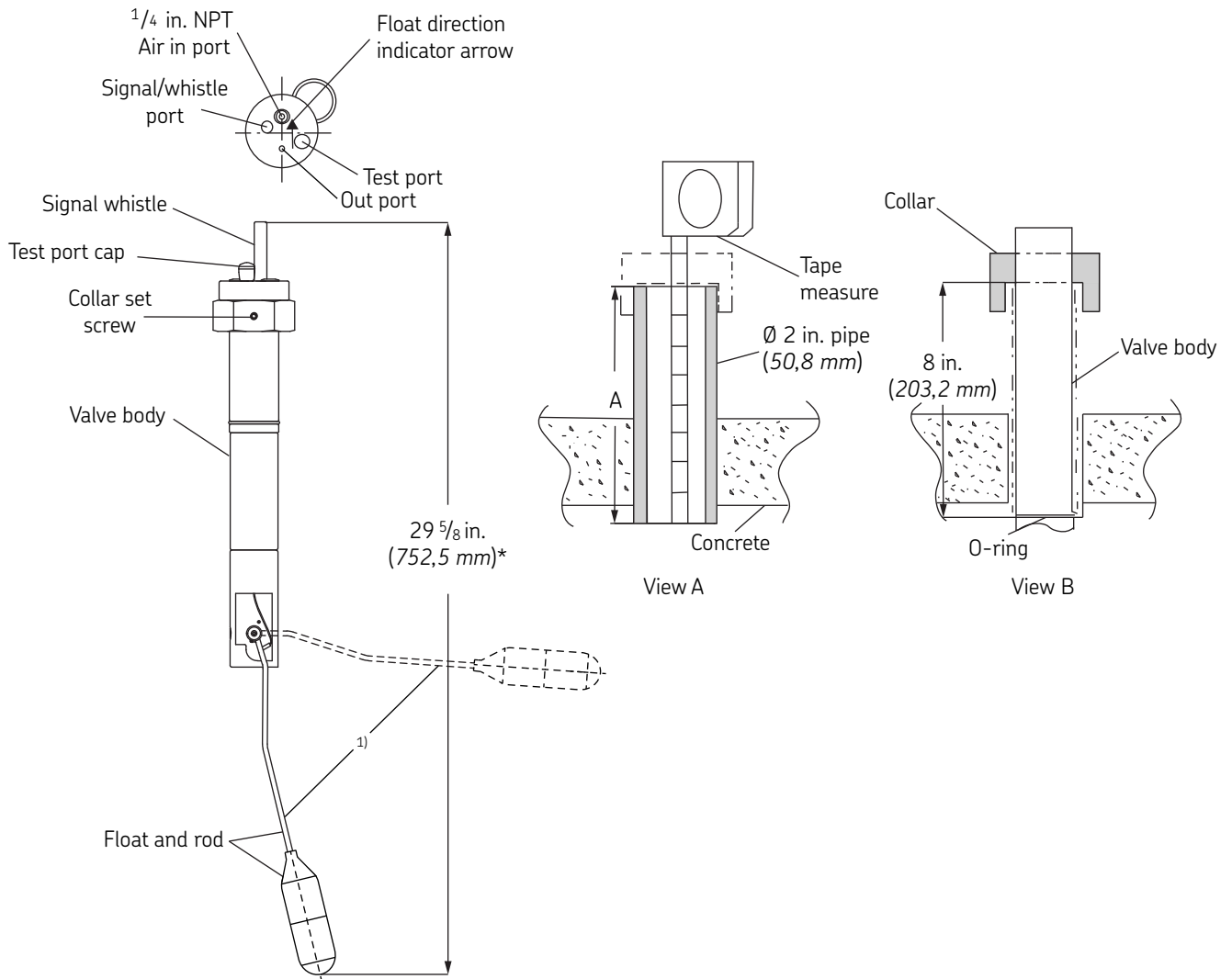
## Maintenance

Overfill warning device is similar to fine air tool in that effective life and performance can be reduced by dirty air (air that has not been filtered to remove moisture and rust particles).

Installation of filter, regulator and oiler in air supply line going to **in** port is recommended to minimize failures in valve and pump. Hydraulic oil or 10 WT motor oil is recommended for use in lubricator. Antifreeze can be substituted for oil whenever combination of extreme cold and wet air are present.

Overfill warning device should be tested several times per year. Test can be accomplished by lifting test button one inch; this will cut off air to pump and sound signal whistle. Release button and valve will reset.

Fig. 1



1) Unit will shut off air supply to pump at 60 to 65° point of extension.  
 \* Indicates change.

**NOTE**

Signal whistle may have to be removed when installing plumbing. Reassemble whistle to unit when plumbing is complete.

**NOTE**

Collar is moved in direction of o-ring in fixed position.

**NOTE**

No warranty or guarantee of merchantability, or fitness for particular purpose, or any other kind, expressed or implied, for function of or service performed by overfill warning device.

**NOTE**

For collar height and o-ring settings on valve body, measure inside of pipe for proper length (dimension A, view A). This will then be distance between inside of collar and o-ring (example: 8 in. (203,2 mm)- View B).

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## Warranty

The instructions do not contain any information on the warranty. This can be found in the General Conditions of Sales, available at: [www.lincolnindustrial.com/technicalservice](http://www.lincolnindustrial.com/technicalservice) or [www.skf.com/lubrication](http://www.skf.com/lubrication).

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