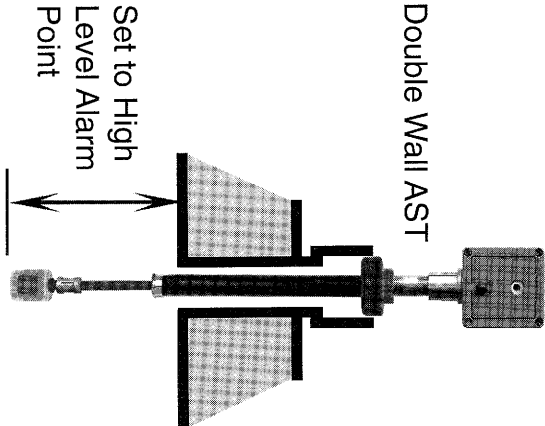


meco AST Overfill Alarm

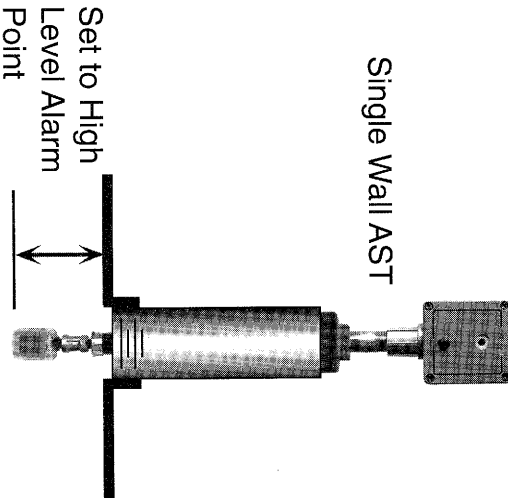
meco AST Overfill Alarm

TYPICAL NEW INSTALLATIONS

UL 2085
Protected Tank

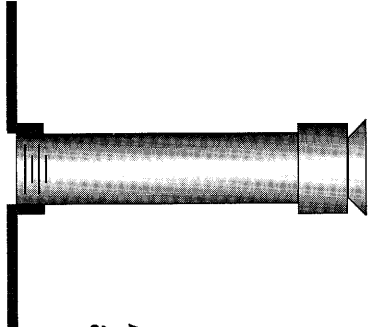


UL 142
Single Wall Tank

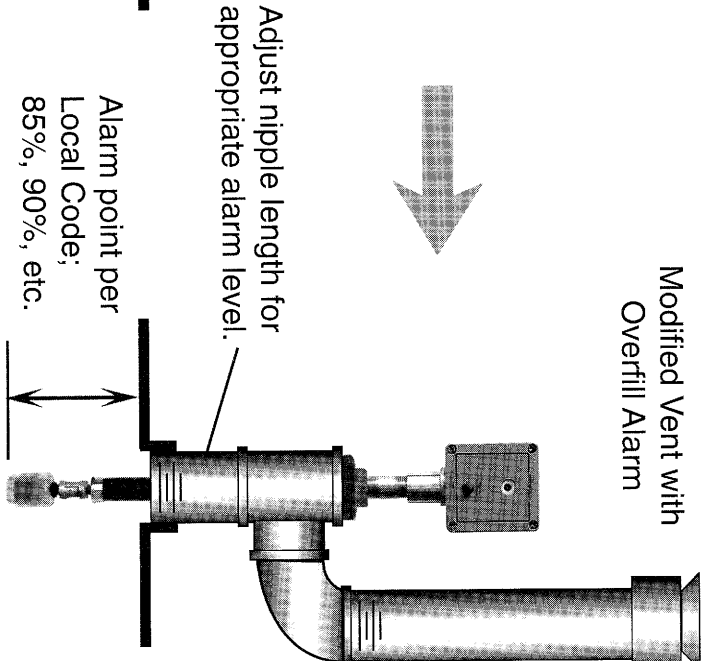


TYPICAL RETROFIT INSTALLATION

Existing
Vent

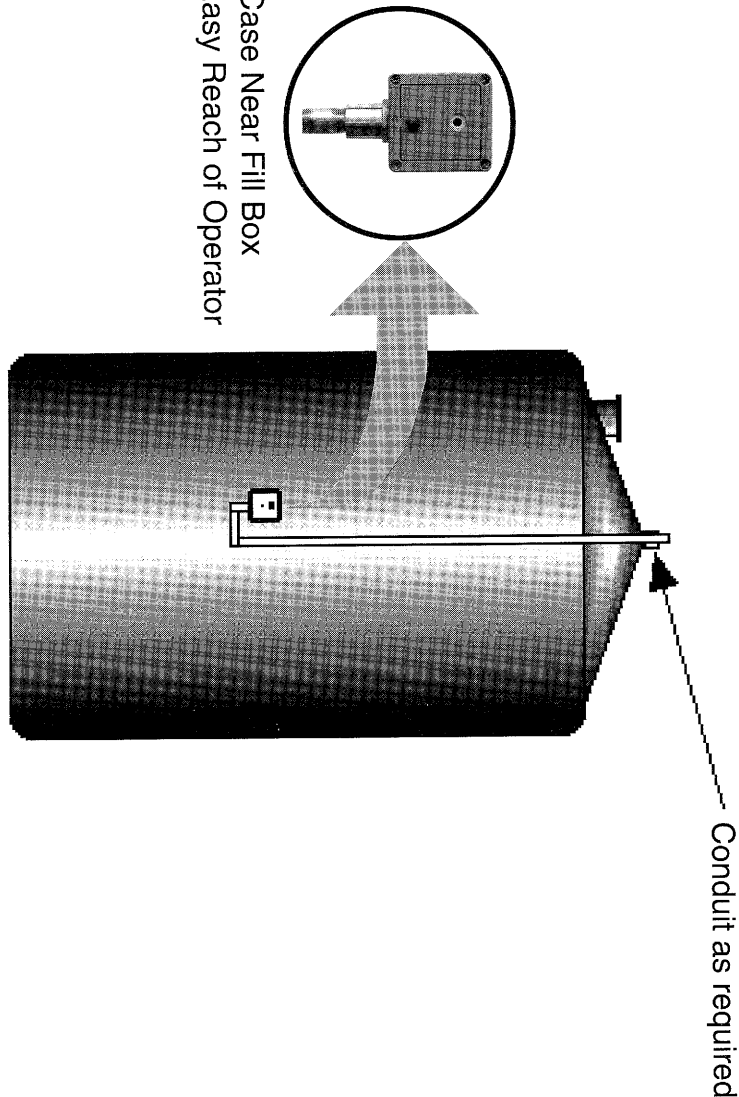


Modified Vent with
Overfill Alarm



TYPICAL TALL TANK INSTALLATION

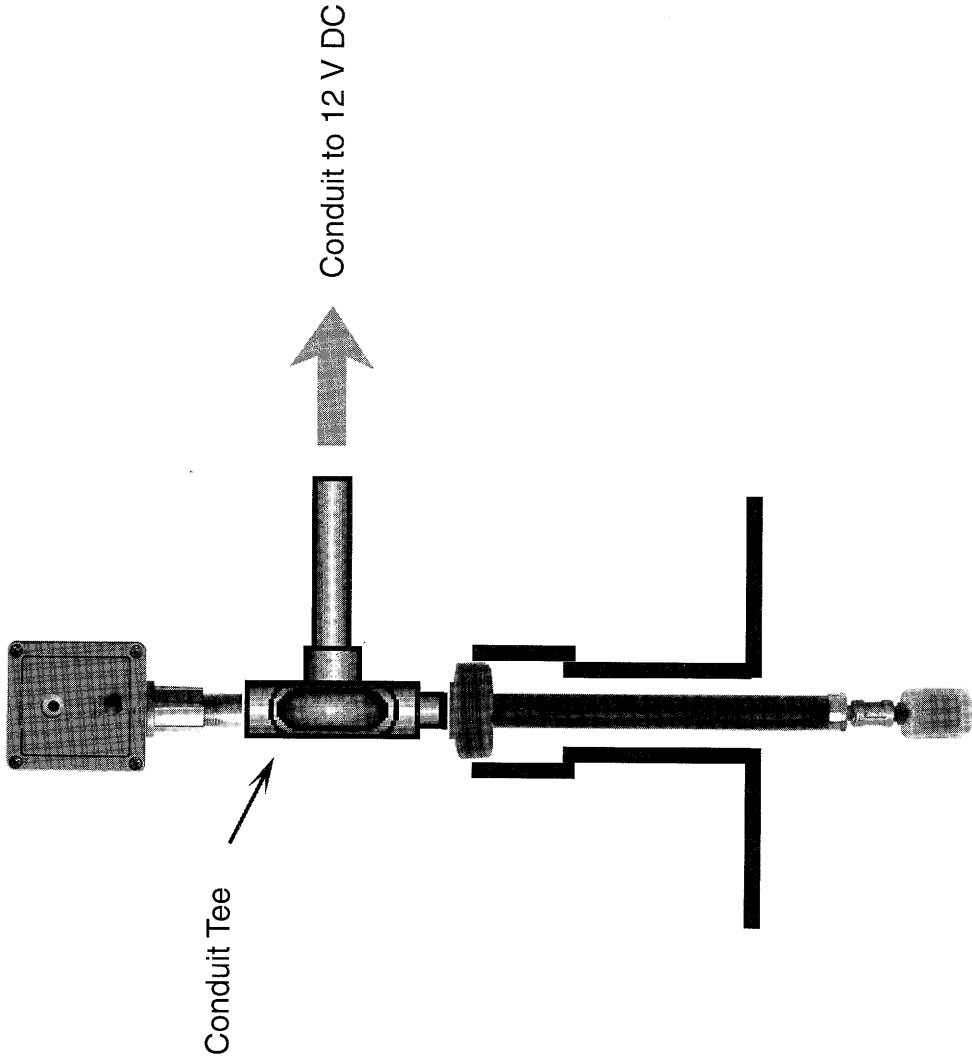
Remote Location of Alarm Case



The *meco*Alarm™ case has provisions inside the cover for wall mounting. Separate the case from the float switch assembly at the bushing and place the case at a convenient location for the operator. The maximum separation between the case and the float switch assembly is 500 feet. The case may be mounted to any surface using the two mounting holes provided under the cover. Use conduit as required by local codes from the float switch assembly to the case and extend the wire to the case using two conductors.

For all tank installations, the installer must adjust the bottom of the float switch to establish the Alarm Point in accordance with Local Code, NFPA 30A or UFC requirements as applicable for the particular installation. The Alarm Point may be determined from the tank capacity chart.

12 V DC EXTERNAL POWER OPTION



The **meco**Alarm™ is available on a special order basis to operate from the optional **meco** Intrinsically Safe 12 V DC Wall Mount Power Supply. A conduit “T” must be installed between the case and the 2” bushing and a 2 conductor cable is to be routed from the Power Supply through the “T” and connected to the terminals provided in the alarm housing. Conduit must be supplied from the conduit “T” to the 12 V supply in accordance with local codes. The battery is not required when using the external power supply.

Battery Operated

Part Number 200400

The **meco**Alarm™ is an inexpensive battery operated, Intrinsically Safe Overfill Alarm offering the following features:

- **Certified Intrinsically Safe to ANSI/UL 913.**
- Meets NFPA 30A, UL 2244 and UFC Requirements.
- Assists in Overfill Prevention.
- Loud (100 db) Pulsating Alarm to alert the operator when the product level reaches the preset level.
- 9 V dc **Battery Powered** (Battery not included. Lithium battery is recommended in all installations for extended life).
 - 9 V Alkaline for -4° F to +130° F operation.
 - 9 V Lithium for -40° F to +158° F operation.
- No power consumption in the “Non-alarm” condition provides years of life from a Lithium battery.
- Ultra low power consumption after Alarm reset.
- Ultralife® 9 V Lithium batteries available from Radio Shack.
- Use on protected or standard tanks.
- Easy field retrofit. No conduit or wiring required.
- Optional connections for 12 V Intrinsically Safe line power supply.

- Single push-button switch for test before filling tank and to reset the Audible Alarm after the high level alarm point is reached.
- Adjustable float switch to accommodate a wide range of high level alarm point settings.
- Float switch adjustment range is from 12 to 20 inches. Further adjustments can be accomplished using pipe nipples as illustrated.