

Basic Remote Fill

The basic remote fill is intended to be a low-cost, no frills remote fill solution.

The unit has a high alarm light, horn and silence switch and ships with small control panel the will control the light and horn via a single remote high float switch.



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The Basic Remote Fill is intended to be a low-cost and simple remote fill system. The Basic Remote Fill control panel has no leak detection function and no indicating lights or switches. It consists of a NEMA 4 locking remote fill enclosure and a matching NEMA 1 relay panel. The remote fill enclosure may be flush or surface mounted or free standing with an optional rack. The unit is furnished complete with integral alarm light, horn and silence switch.

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Basic Remote Fill

Specifications

DIMENSIONS	24 X 24 X 24 Flush mount unit has 2 inch flange on all sides.
WEIGHT	85 lbs.
CONSTRUCTION	Welded steel construction of enclosure. The unit includes a kamvalock fitting and dust cover. The unit does not include any piping. Piping may enter on the top, bottom, back or sides.
CONTROLS	Ships with matching remote fill control panel.
UL LISTING	UL 508
CAPACITY	Secondary containment is 5.3 gallons.
POWER REQUIRED	120 volts, dedicated circuit at control panel. Remote Fill enclosure light and horn are powered from matching control panel.

Ordering Information

PART #: BRF

BASIC REMOTE FILL SYSTEM INCLUDES:

- Dry disconnect and dust cover
- Remote fill panel with silence switch, light and horn
- Basic relay control panel, single tank, shipped loose
- Level probe for tank, shipped loose

OPTIONAL PART #: RFSTAND

Welded stand for free standing application

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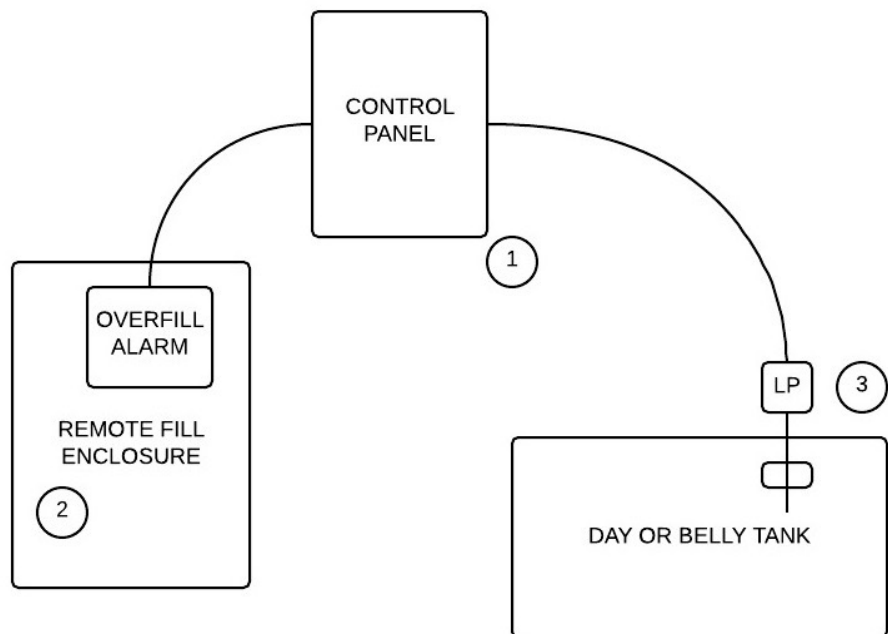
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Schematic Diagram and Sequence of Operation

ITEM	QUANTITY	DESCRIPTION
1	1	Basic relay control panel
2	1	Remote Fill Enclosure with integral light and horn, silence switch
3	1	High level float switch



BASIC REMOTE FILL

The control panel monitors the high level in the day or belly tank. When the fuel level reaches the high level, the alarm horn and light in the remote fill are energized. A system operator may silence the alarm local to the remote fill, but the alarm light will remain lit and energized until the tank level falls below the high level switch.

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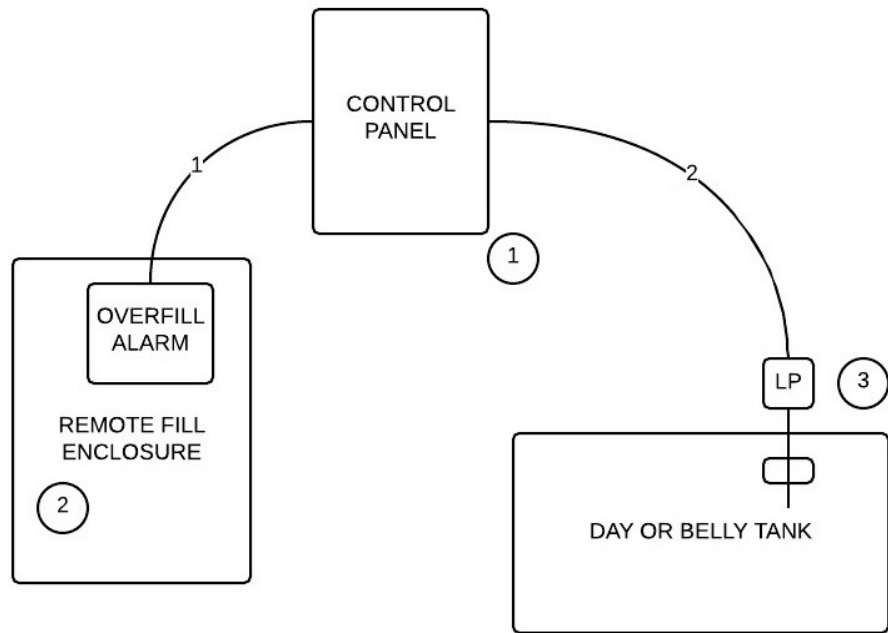
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Wiring Diagram and Power Requirements

ITEM	QUANTITY OF CONDUCTORS	DESCRIPTION
1	6 #16 minimum for control	Remote Fill System wired with integral remote fill alarm. Control panel requires a dedicated 120 volt circuit. Remote fill enclosure light and horn receive power from the control panel.
2	2 #16	Level Probe



WIRING FOR BASIC REMOTE FILL

Use #16 stranded THHN minimum for all control wiring. Use #14 stranded THHN minimum for power wiring. Wiring to be continuous from end to end with no splices. Tag wires with industry standard wire numbers. All wiring to be installed in conduit. All wiring and conduit to be installed as per Local Code requirements. Wiring may be run together in the same conduit.

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