

# Swichgag<sup>®</sup> Shutdown Panels for High Plains and Other Irrigation Engines

WHB-03062B  
Revised 04-06  
Catalog Section 30  
(00-02-0543)



## WHB Series

- Ideal for High Plains Irrigation Engines
- Mounts Directly to Engine Flywheel Housing
- Swichgag Instruments for Low Oil Pressure, High Coolant Temperature and Ammeter
- Provision for Additional Instruments

### Description

The **WHB Series** open type panels are the industry standard for High Plains irrigation engines. These panels bolt directly to the engine flywheel housing. They include Swichgag protection for low engine oil pressure and high coolant or high oil temperature, and have provision to add an additional Swichgag instruments, such as pump discharge pressure, voltage regulator, throttle cable, and start button or switch.

For diesel engines without shut-down solenoid in the injection pump, add a Murphy SV Series solenoid fuel shut-off valve or RP2300 series rack puller solenoid (for details see bulletins SV-99026B and RP-95028B).

**Swichgag products is two-instruments-in-one:** (1) an accurate indicating gage with (2) a built-in, adjustable limit switch.

### Panel Kits Include:

- Low Lube Oil Pressure Swichgag instrument
- High Coolant/Temperature Swichgag instrument
- 117PH Magnetic Switch.
- PB128S Emergency Stop Push Button.
- Ammeter 60-0-60.
- Provisions for additional Swichgag controls, such as irrigation pump pressure or engine oil temperature.

### Specifications

#### Low Lube Oil Pressure Swichgag instrument:

- 0-100 psi (0-689 kPa) [0-6.89 bar]
- 1/8 NPT process connection

#### High Coolant/Oil Temperature Swichgag instrument:

- 130-250°F (54-121°C)
- 48 in. (1.2 m) capillary
- 1/2 NPT process connection

### 117PH

**Ammeter:** 60-0-60

**Shipping Weight:** 8 lbs. 8 ozs. (3.9 kgs.)

#### Shipping Dimensions:

9.5 x 9 x 5 in. (241 x 229 x 127 mm)

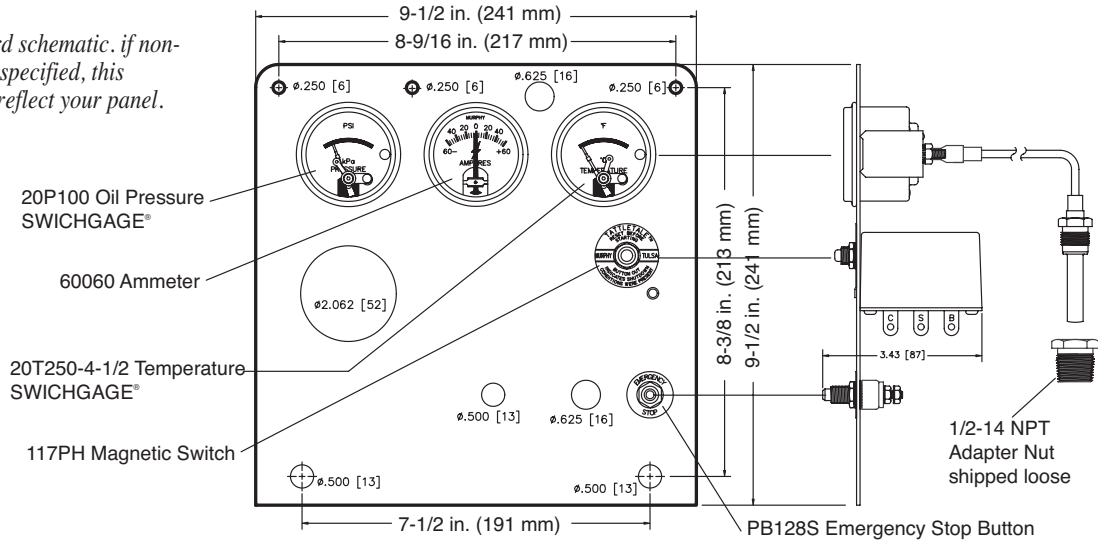
### Warranty

A limited warranty on materials and workmanship is given with this FW Murphy product. A copy of the warranty may be viewed or printed by going to [www.fwmurphy.com/support/warranty.htm](http://www.fwmurphy.com/support/warranty.htm)



# Dimensions

*NOTE: This is an standard schematic. if non-standard components are specified, this schematic my not exactly reflect your panel.*



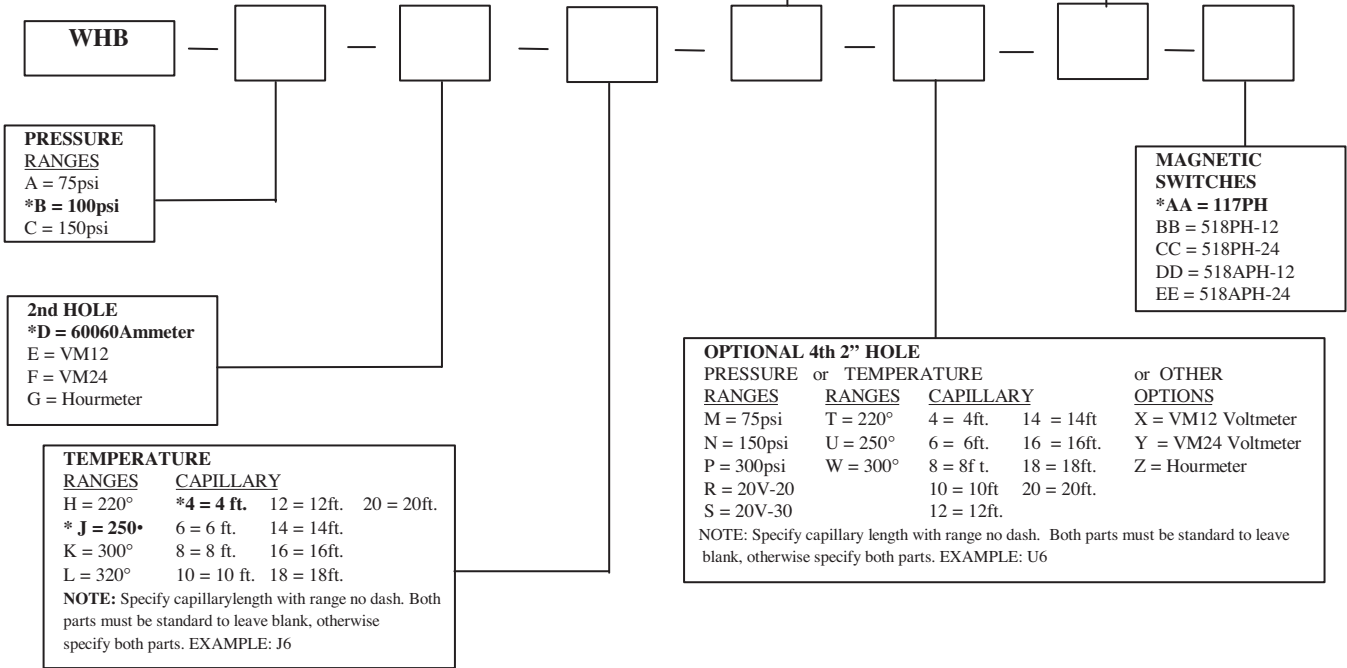
# How to Order

**NOTES:**

- \* = Standard Component or Range and is not required for ordering, see section notes if section has two parts to specify.
- If requirements are outside of the matrix, order panel with free formed text and use the '3050xxxx' product number of the base model.

**ADAPTER NUTS** (as necessary)

|                    |                   |                  |
|--------------------|-------------------|------------------|
| 1/8 = 1/8-27 NPT   | 1/2K = 1/2 NPSF   | M14 = 14mm x 1.5 |
| 1/4 = 1/4-18 NPT   | 5/8 = 5/8-18 UNF  | M16 = 16mm x 1.5 |
| 3/8 = 3/8-18 NPT   | 3/4 = 3/4-14 NPT  | M18 = 18mm x 1.5 |
| 3/8B = 3/8-19 BSPT | 3/4U = 3/4-16 UNF | M20 = 20mm x 1.5 |
| 3/8K = 3/8 NPSF    | 7/8 = 7/8-9 UNC   | M22 = 22mm x 1.5 |
| *1/2 = 1/2-14 NPT  | M10 = 10mm x 1.5  | M24 = 24mm x 1.5 |
| 1/2B = 1/2 BSPT    | M12 = 12mm x 1.5  |                  |



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