



Optional:
Fan On/Off Switch for
Mounting to Hose Reels

**TECHNICAL
INFORMATION**

PROJECT: _____
LOCATION: _____
ARCHITECT: _____
ENGINEER: _____
SALES ENGINEER: _____
DATE: _____

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SERIES DMSHR

OPTIONAL DIRECT MOUNT FAN ON/OFF SWITCH

- | | |
|---|---|
| A - Sealed Mounting Box | E - Hose Reel Support Mounting Frame |
| B - Box Cover Plate | F - On/Off Switch Control Assembly |
| C - On/Off Toggle Switch ** | G - Buffer Pad for Activating the On/Off Toggle |
| D - (2) Slot Cuts for Adjustment of Box Depth | |

ON/OFF SWITCH FUNCTION:

The switch assembly is mounted to the support frame of the hose reel. The depth of the toggle is set to be semi-flush with the switch box. All other depth settings are set using the slotted holes in the switch box. The buffer pad is mounted to the end flange of the hose reel and tightened into place. With the toggle switch firmly in the box, the reel is turned so the buffer pad is directly in line with the switch. The final depth of the toggle box is now set so the buffer and toggle will make slight contact and the toggle arm is either turned on or off by the buffer pad.

The buffer pad is mounted to the end flange of the reel and turns with the reel as the hose is uncoiled or recoiled. As the hose is uncoiled the buffer pad triggers the toggle switch to the on position, thus completing an electrical circuit and the fan start-up begins. As the hose is recoiled, the buffer pad now triggers the toggle switch to the off position, thus disconnecting the electrical circuit. At this point "fan shut-down" occurs.

The switch is only used to complete the electrical circuit. The toggle switches are usually tied to a control box or a starter package for the blower that is in use. Toggle switches may be wired in parallel fashion to activate one central blower or the switches can be used to activate a single direct mount blower on the hose reel.

**** SWITCH SPECIFICATIONS:**

RATING:

- 15 AMP @ 125 VAC
- 10 AMP @ 250 VAC
- 3/4 HP @ 250 VAC