

# HEAVY-DUTY CONTROL SWITCHES (230 VOLT)

## SPECIFICATIONS:

- The Merrill Control Switch includes a heavy-duty capacitor, which replaces traditional components in a control box, such as the relay and start capacitor.
- The run capacitor is specifically sized to start the motor and continues to help run the motor, reducing motor amp. draw by over 10+%. It is also easily changeable for larger HP motors.
- A circuit reset button is included for 1 HP and larger motors.
- Each control switch includes a fully wired color photo, making installation easy.
- A 1/4" NPT swivel union on the inlet eliminates the need to spin the switch case during installation.
- The control switch features an extra large case for easy wiring. The extra tall model provides more room for heavy wires and includes an extra large 1" knock out hole.
- The main component for the control switch is the MPSXHD, which is ALS certified.



Certified to  
NSF/ANSI/CAN 61 & 372

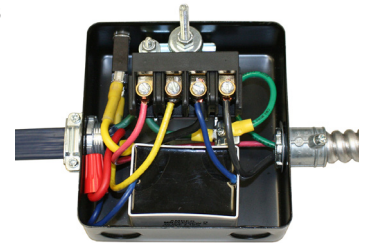
No Lead



U.S. Patent #  
10,197,051  
Canadian Patent #  
2,922,833



35A Reset  
Button



## CERTIFICATIONS:

- NSF/ANSI/CAN 61 & 372 Certified (for MPSXHD)

DIMENSIONS								
Part No.	Motor HP	Preset On (PSI)	Preset Off (PSI)	Run Capacitor	L in.	W in.	H in.	Approx. Wt./Lbs.
MCSHD.53050	1/2	ON @ 30 psi	OFF @ 50 psi	20	6.30	5.67	5.98	3.2
MCSHD.54060	1/2	ON @ 40 psi	OFF @ 60 psi	20	6.30	5.67	5.98	3.2
MCSHD.56080	1/2	ON @ 60 psi	OFF @ 80 psi	20	6.30	5.67	5.98	3.2
MCSHD.753050	3/4	ON @ 30 psi	OFF @ 50 psi	25	6.30	5.67	5.98	3.3
MCSHD.754060	3/4	ON @ 40 psi	OFF @ 60 psi	25	6.30	5.67	5.98	3.3
MCSHD.756080	3/4	ON @ 60 psi	OFF @ 80 psi	25	6.30	5.67	5.98	3.3
*MCSHD1.3050	1 to 1-1/2	ON @ 30 psi	OFF @ 50 psi	40	6.30	5.67	5.98	3.4
*MCSHD1.4060	1 to 1-1/2	ON @ 40 psi	OFF @ 60 psi	40	6.30	5.67	5.98	3.4
*MCSHD1.6080	1 to 1-1/2	ON @ 60 psi	OFF @ 80 psi	40	6.30	5.67	5.98	3.4
*MCSHD2.3050	2	ON @ 30 psi	OFF @ 50 psi	60	6.30	5.67	5.98	3.5
*MCSHD2.4060	2	ON @ 40 psi	OFF @ 60 psi	60	6.30	5.67	5.98	3.5
*MCSHD2.6080	2	ON @ 60 psi	OFF @ 80 psi	60	6.30	5.67	5.98	3.5
Extra Tall Cover Switch Supplied with 3HP and 5HP								
*MCSHDT3.4060	3	ON @ 40 psi	OFF @ 60 psi	80	8.35	5.67	6.30	4.2
*MCSHDT3.6080	3	ON @ 60 psi	OFF @ 80 psi	80	8.35	5.67	6.30	4.2
*MCSHDT5.4060	5	ON @ 40 psi	OFF @ 60 psi	120	8.35	5.67	6.30	4.3
*MCSHDT5.6080	5	ON @ 60 psi	OFF @ 80 psi	120	8.35	5.67	6.30	4.3
*Includes circuit reset inside pressure switch for 1 HP, 1-1/2 HP, 2 HP, 3 HP, and 5 HP								