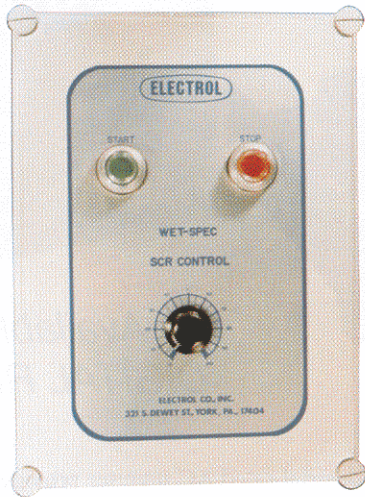




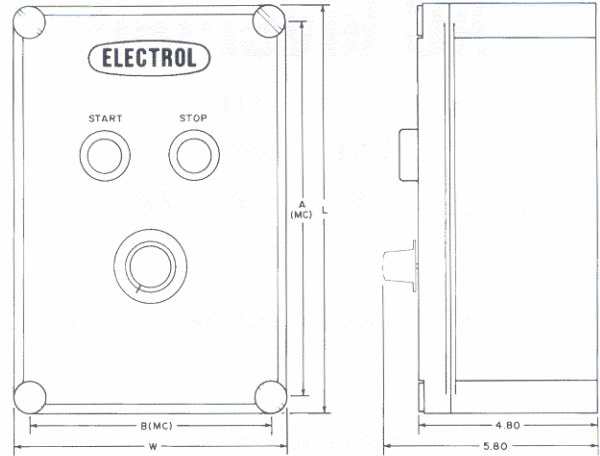
**WET SPEC MOTOR
SERIES 754A**

AVAILABILITY: STOCK TO 3 WEEKS

Water, Oil & Corrosion Resistant
DC Motor Controller
1/8-2 HP



**Performance matched with
Sealed Motor**



Recognized under Component Program of Underwriters Laboratories, Inc.

STANDARD ADJUSTMENTS

- Minimum speed • Maximum speed • Acceleration speed (.5-15 seconds) • Deceleration speed (.5-15 seconds) • IR compensation (no load to full load RPM) • Maximum torque (current)

For optional features, refer to pages C-9 through C-16
For renewal parts, refer to page C-17

STANDARD FEATURES

- Dual voltage rating • 15 amperes (DC) continuous rating • 2% regulation of base speed • 50:1 speed range (constant torque), 25:1 constant torque if a 90 volt motor is operated from a 230 volt input • Transient and surge protection • Line voltage compensation • "Start" and "Stop" pushbuttons • "Power On" indicating light • 5k ohm, .5 watt master speed potentiometer • Nema 4X enclosure • Watertight connections (shipped unmounted) • Restart protection – manual restart required after power loss

Part No.	Ratings	WEIGHT		L	W	MOUNTING CENTERS	
		Lbs.	Kg.			A	B
WC-MH-E-754A-E	1/8-1/2 HP 115 VAC	7	3.17	10.94	7.40	10.00	6.46
	1/4-1 HP 230 VAC						
WC-MH-F-754A-E	1/8-2 HP 115V or 230V	8	3.63	14.88	10.94	13.94	10.00

TYPICAL APPLICATION DATA

COMPONENT RATINGS										
Rated Horsepower (HP)			1/8	1/4	1/3	1/2	3/4	1	1-1/2	2
Rated Kilowatts (KW)			0.124	0.187	0.249	0.373	0.560	0.746	1.129	1.492
1-PHASE AC INPUT (FULL-LOAD)	Line Amps	115V Unit	3.9	5.0	6.0	8.7	12.4	15.0	-	-
		230V Unit	1.9	2.5	3.1	4.2	5.9	8.8	12.6	15.8
	KVA		.48	.58	.71	1.0	1.4	2.0	3.0	4.0
DC OUTPUT (FULL-LOAD)	Motor Armature Amps	90V	2.0	2.8	3.5	5.4	8.1	10.5	-	-
		180V	1.0	1.4	1.8	2.6	3.8	5.5	8.2	11.6
	Motor Field Amps	50/100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
		100/200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
FULL-LOAD TORQUE (lb-ft) with 1750 RPM Base Speed Motors			0.5	0.75	1.0	1.5	2.2	3.0	4.5	6.0