

# MOTORS & GENERATORS



## MOTORS, ELECTRIC

- ME205 Motor 2HP 110V 3450RPM C-Face ODP MT
- ME402 Motor 4HP 1HP 208/230V 3450 RPM
- ME603 Motor 6HP 1PH 230V 3450 RPM MT
- ME605 Motor 6 HP 3PH 230/460V 3450 RPM MT
- ME750 Motor 7.5HP 3PH 230/460V 3450 RPM MT
- ME752 Motor 7.5HP 1PH 230/460V 1725 RPM
- ME901 Motor 10HP 1PH 208/230V 3450 RPM
- ME902 Motor 10HP 3PH 230/460V 1750 RPM Baldor
- ME903 Motor 10HP 3PH 230/460V 1750 RPM
- ME905 Motor 15HP 3PH 230/460V 3450 RPM Baldor



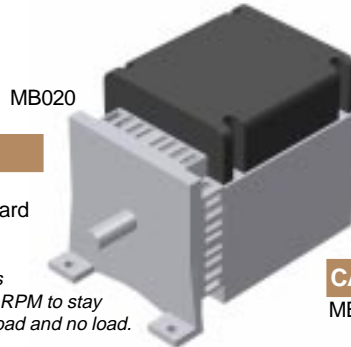
ME603



ME205



ME752



MB020

The Hydro Tek capacitor is specially designed to work with the generator to tolerate wider ranges of RPM fluctuation.



MB025

## GENERATORS

- MB020 Generator 2500 Watt LS (No Capacitor)
- MB050 Generator Asm 2500 Watt LS W/ Beltguard

To increase generator life, keep dry (belt guard is designed to help prevent water entry) and adjust RPM to stay between 58 and 64 HZ (110 to 130 volts) under load and no load.

## CAPACITOR

- MB025 Capacitor (MB020)

## Electrical Chart

HP	2.0	4.0	6.0	6.0	7.5	10	10	15
Hydro Tek P/N	ME205	ME402	ME603	ME605	ME572	ME901	ME903	ME906
Supply Voltages	115	208 230	230	230 460	230	208 230	208 230 460	208 230 460
Phase	1	1	1	3	1	1	3	3
Pump Motor Current Rating	16.6	17.8 16.6	24	19 9.5	32	48 46	29 27 13.5	38 36 18
System Operating Current w/ Burner	20	21 20	27	22 13	35	50 48	32 30 16	40 38 20
Hydro Tek Supplied Service Cords (1)	12/3 35' w/ GFCI	10/3 35' w/ GFCI	10/3 35' w/ GFCI	14/4 6'	No cord Provided junction box for field connection only.	No cord Provided junction box for field connection only.	No cord Provided junction box for field connection only.	No cord Provided junction box for field connection only.
Customer Installed Electrical System Requirements (3)	UL rated 25 AMP CB in main panel #12 AWG type THHN or equivalent wire to NEMA rated receptacle.	UL rated disconnect switch w/ 25 AMP fuses or CB (2 pole) #12 AWG type THHN or equivalent to NEMA rated receptacle, or junction box.	UL rated disconnect switch w/25 AMP fuses or CB (2 pole) #10 AWG type THHN or equivalent to NBMA rated receptacle or junction box.	UL rated disconnect switch w/ 25 AMP fuse or CB (3 pole) #12 AWG for 230v.	UL rated disconnect switch w/ 40 AMP fuse or CB (2 pole) #8 AWG type THHN or equivalent.	UL rated disconnect switch w/ 60 AMP fuse or CB (2 pole) #8 AWG type THHN or equivalent to NEMA rated receptacle or junction box.	UL rated disconnect switch w/ 40 AMP fuse or CB (3 pole) for 208/230v 20 AMP for 230v #10 AWG for 208v #12 AWG for 460v type THHN or equivalent to NEMA rated junction box.	UL rated disconnect switch w/ 50 AMP fuse or CB (3 pole) for 230v 25 AMP for 460v #8 AWG type THHN or equivalent to NEMA rated junction box.

- Notes:**
- (1) It is not recommended that a Hydro Tek supplied service cord be replaced with longer cords because of possible line voltage drop on motor start. HN Systems are not delivered with service cords. Electrical requirements are per NFPA 70 (National Electrical Code 1996).
  - (2) Hydro Tek may not warranty equipment not installed in accordance with these requirements. Hydro Tek can provide prewired fused disconnect assemblies with low/over voltage detection, transient protection and phase monitoring for facilities with severe power line fluctuations. Call factory for more information.