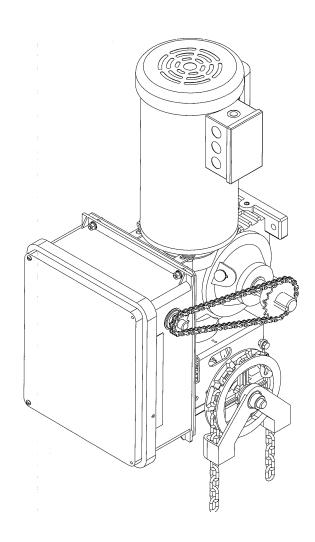
Addendum – Environmental Applications



GHW – MGHW, MGTW & MGSLW (GHC – MGHC, MGTC & MGSLC)

Note: This addendum is to be used in conjunction with the Installation & Instruction Manual supplied with the operator.

Waterproof or Corrosionproof operators are built with TEFC or TENV electric motors including a Watertight/Oil tight control enclosure, Nema4/12 or NEMA4X 3 push-button control station.

For a general information, refer to Installation and Instruction Manual supplied with the operator.



SPECIFICATIONS

GENERAL

CONTROL VOLTAGE...... 24VAC class II transformer, 2 amps fuse type AC

MOTOR...... Continuous duty: (GHW: 1/2, 3/4, 1, 11/2, 2HP) – (MGTW & MGSLW:

³/₄, 1, 11/2HP) – (MGHW: ½, ¾, 1, 11/2, 2, 3, 5HP)

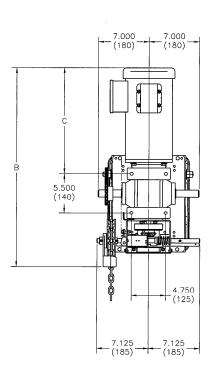
OPERATOR OUTPUT SPEED....... GHW - 38 RPM

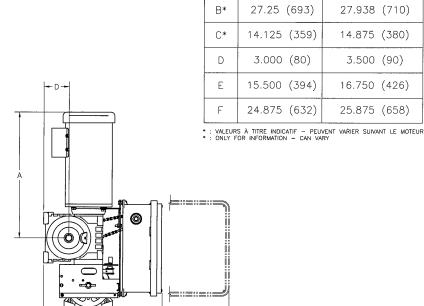
NET WEIGHT (Operator only)...... +/- 119 Lbs (53.6 kg) for 1/2HP 115V - GHW model

STANDARD WIRING TYPE...... C2-momentary contact to open and stop and constant pressure to close

DIMENSIONS (GHW)







UP TO 1 HP

16.875 (429)

Α*

1.5 TO 2 HP

17.625 (450)

IMPORTANT

TO REDUCE THE RISK OF SEVERE INJURY OR DEATH, READ AND FOLLOW ALL INSTALLATION INSTRUCTIONS SUPPLIED WITH THE OPERATOR

CONDUITS AND FITTINGS FOR CONTROL BOX

Compared to NEMA1 enclosures, the NEMA4/12 or NEMA4X enclosures are not supplied with pre-punched fitting entry holes to attach fittings for incoming power and other different accessories. All appropriate holes and cuttings should be performed by the customer.

. Conduits and Fittings:

Always use liquid-tight and flexible non-metallic conduits and fittings for that purpose. Use proper and appropriate cutting tools or jigs to cut the holes. While inserting the conduit to the fitting, ensure that the gland is properly compressed or the conduit jacket is not cut or ripped anywhere to avoid liquid leaking-in.

NOTE: Use materials as per NEMA guidelines and always follow manufactures instructions for conduit preparation.



GROUND THE UNIT CORRECTLY USING THE GROUND LUG LOCATED INSIDE THE OPERATOR CONTROL BOX

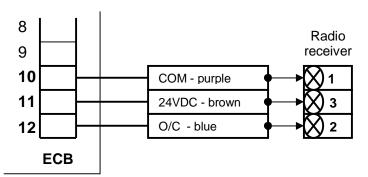
RADIO RECEIVER

In NEMA4/12 or NEMA4X applications, no terminal strip is provided on the side the controlbox. If a 3-pin Radio Control unit is being used, for a hardwired unit, the radio receiver should be connected directly to the main terminal strip. In case of an ECB unit, appropriate terminals are provided on the electronic board to connect the radio receiver. Radio Receiver should be located in a remote or protected area to avoid damage caused by liquid immersion.

Please refer to the drawings below for wiring instructions.

ELECTRONIC CONTROL BOARD

Part of ECB: bottom - Terminal Strip (TB2)



Connection Instructions

From ECB	To Radio Receiver
#COM	#1 (24 VOLTS)
#O/C	#2 (RELAY)
#24 V	#3 (COM OR GROUND)

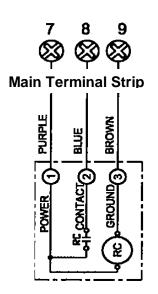
HARDWIRED OPERATOR

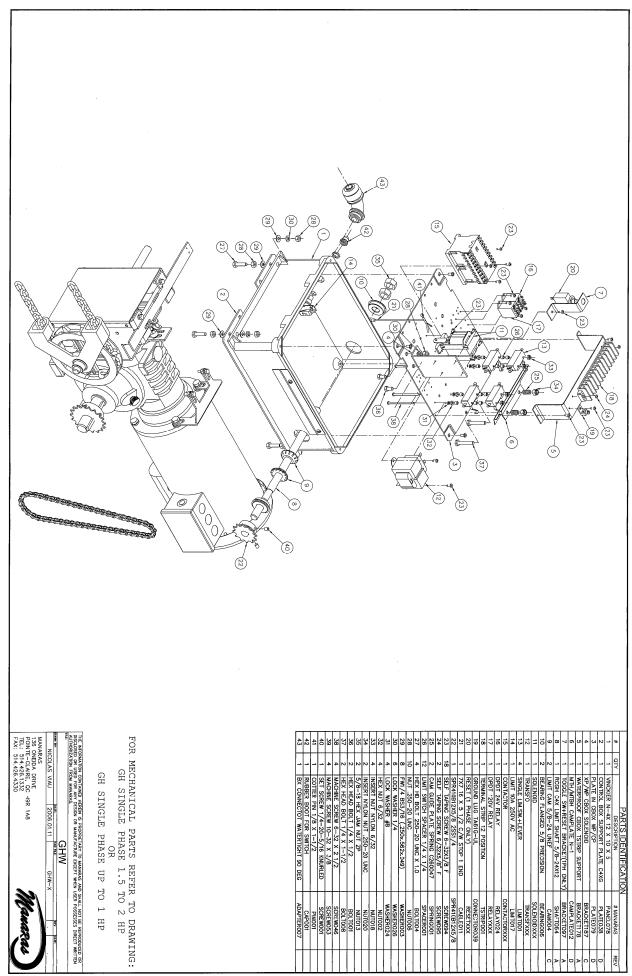
Connection Instructions

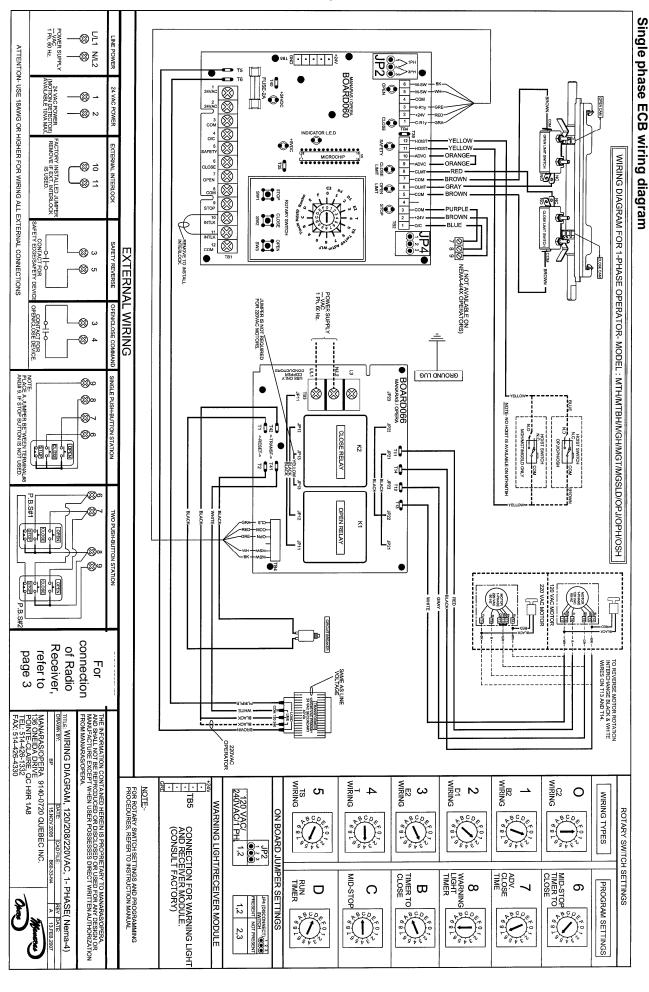
From Terminal Strip	To Radio Receiver
# 7 (COM)	#1 (24 VOLTS)
#8 (O/C)	#2 (RELAY)
#9 (24 V)	#3 (COM OR GROUND)

IMPORTANT NOTE:

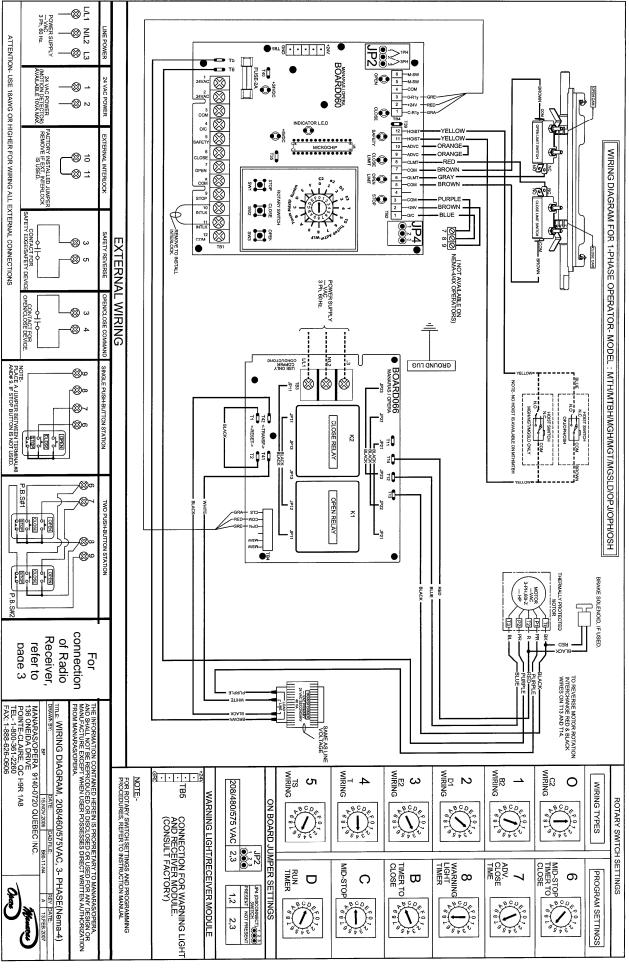
For MCR-32 Model Receivers, please refer to the Technical Note supplied with the unit.

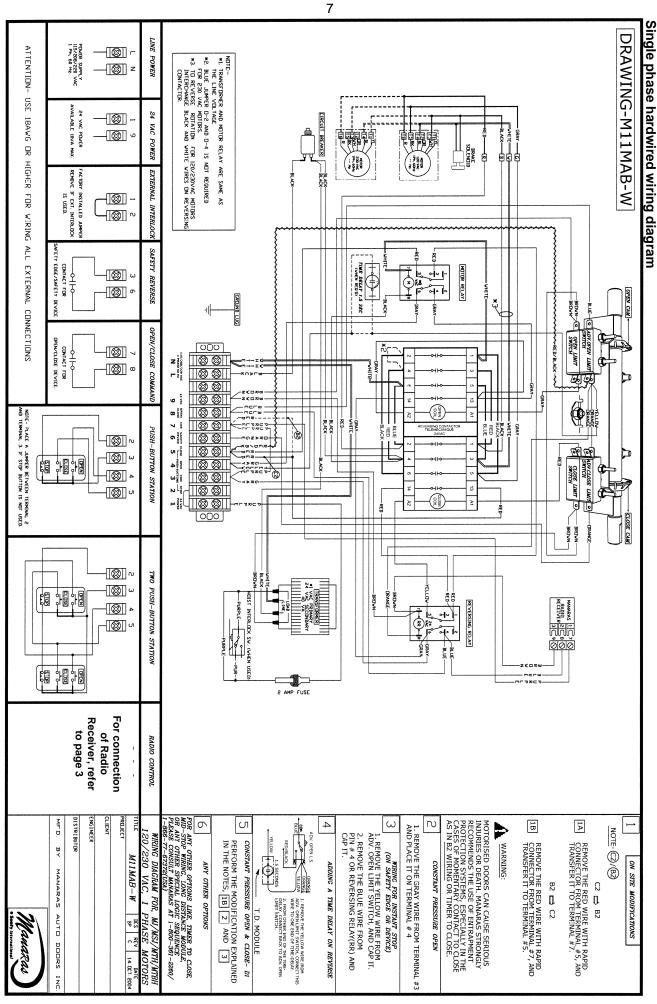






3 - phase ECB wiring diagram





3 - phase hardwired wiring diagram

