

Series 0401A – STATIONARY INFLATABLE TRUCK SHELTER

ELECTRICAL INSTALLATION & SCHEMATICS

READ ALL INSTRUCTIONS AND PURCHASE ORDER BEFORE INSTALLING ELECTRICAL COMPONENTS. A LICENSED ELECTRICIAN MUST PERFORM ELECTRICAL INSTALLATION AND HOOK UP. ELECTRICAL INSTALLATION MUST BE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL ELECTRICAL CODES AND REGULATIONS.

ALL HARDWARE AND ELECTRICAL SUPPLIES ARE PROVIDED BY THE CUSTOMER.

E1. Make Electrical Connections

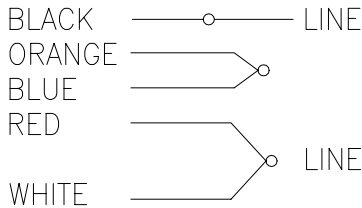
- a. Connect the Motor/Blower wiring according to:

Figure E1 for the Standard Unit
 (1/2HP, 1400 rpm),
OR

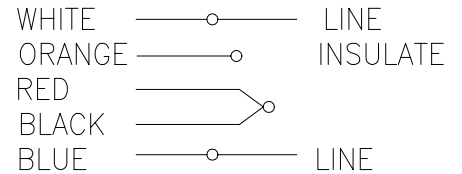
Figure E2 for units
Outside North America
 (1/2HP, 2850 rpm).

Figure E3 for 3-Phase power
 units (208, 480, 575).

LOW VOLTAGE



HIGH VOLTAGE



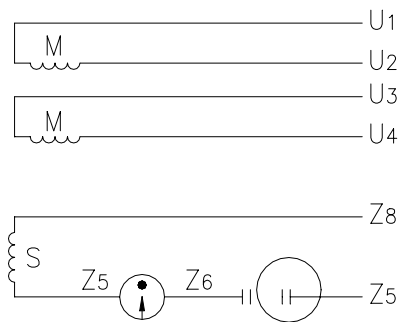
NOTE: THE MOTOR/BLOWER HAS A STICKER SHOWING THE WIRING DIAGRAM.

1/2 hp 1420 rpm
 115 v 5.5 amps

1/2 hp 1600 rpm
 230 v 2.8 amps

FIG. E1

- b. Connect Motor/Blower to power source.
- c. Mount ON/OFF switch.
- d. If Auto Switch Kit ordered, please see Auto Switch Kit instructions.



	ROTATION FACING LEAD END	L1	L2	JOIN
HIGH VOLT	C.C.W.	U1	U4 Z5	U2,U3 Z8
	C.W.	U1	U4 Z8	U2,U3 Z5
LOW VOLT	C.C.W.	U1,U3 Z8	U2,U4 Z5	---
	C.W.	U1,U3 Z5	U2,U4 Z8	---

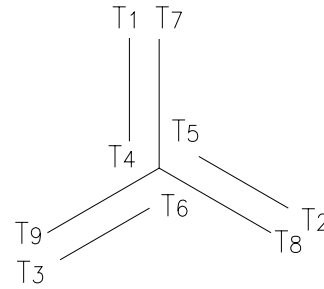
FIG. E2

E2. Test Shelter

- a. **Make sure Air Bag travel is free** of objects or debris.
- b. **Flip ON/OFF switch to ON.**
Motor/Blower should come on immediately.
- c. **Observe inflation.**
Let unit fully inflate.
Make sure all air bags fully extend to dimension noted on Purchase Order.
- d. **Flip ON/OFF switch to OFF.**
Motor/Blower should turn off immediately.
- e. **Observe deflation.**
Vertical Air Bags should deflate and retract behind the Vertical Storage Curtains.
Header Air Bag should deflate and retract into the Header.

NOTE: Do NOT INFLATE UNIT WITHOUT A TRAILER IN DOOR OPENING UNLESS TESTING OR MAINTAINING SHELTER.

THREE PHASE, TYPE T, NOT THERMALLY PROTECTED,
DUAL VOLTAGE, DUAL ROTATION, 9 LEAD



Y CONNECTED, DUAL VOLTAGE				
VOLTAGE	L1	L2	L3	JOIN
LOW	T1, T7	T2, T8	T3, T9	T4, T5, T6
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)

FIG. E3