



Twin Model 108 Control Unit

Installation Instruction

Introduction:

The Twin Model 108 Control Unit is designed to accept (2) Model 108 FLEX-AUGER Feed Delivery Systems. The unit includes (2) safety switches, (2) Anchor Weldments, (1) Proximity Switch, (1) Model 108 Control Body, and (1) Control Funnel Weldment.

The Proximity Switch may be wired to operate each line independently or together. Refer to the appropriate wiring diagram (single or three-phase) in this instruction.

Installation:

1. Secure the Safety Switches to the ends of the Control Unit Body as shown in Figure 1, using 10-32 hardware supplied.
2. Secure the Anchor Tube Weldments to the Control Unit Body as shown in Figure 1, using 5/16-18 hardware supplied.

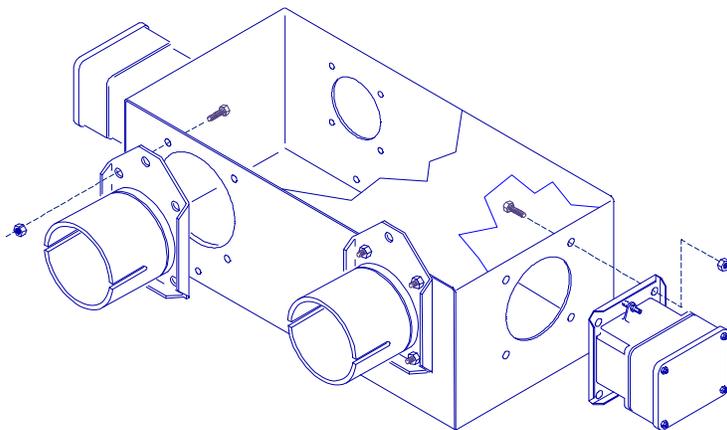


Figure 1.

MA1064-9 12/94

3. Install the Proximity Switch in the plastic Switch Mounting Plate. The sensing end of the Proximity Switch should be inserted approximately 1 inch (25 mm) into the hopper. Secure the Proximity Switch in place using the clamp supplied. See Figure 2.

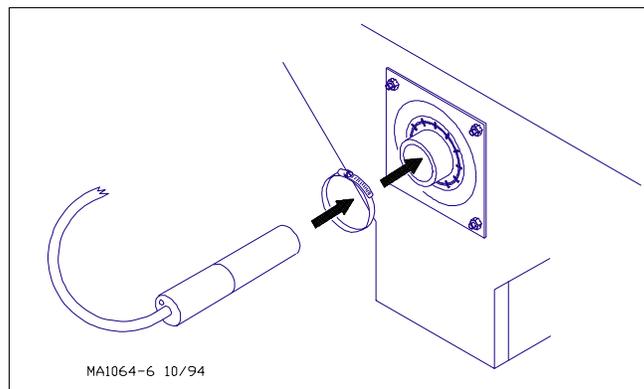


Figure 2.

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Effective January 1996

4. Mount the Power Units (not supplied) on the Control Unit Body, opposite the Anchor Tube Weldments, using 5/16-18 hardware. See Figure 3.

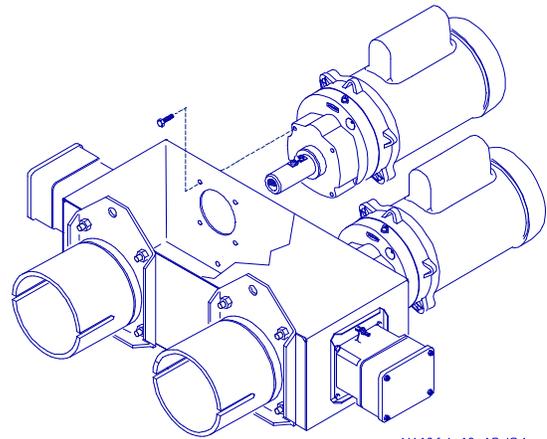


Figure 3.

MA1064-10 12/94

5. Secure the Hopper Weldment to the bottom the Control Unit Body, as shown in Figure 4, using hardware provided.

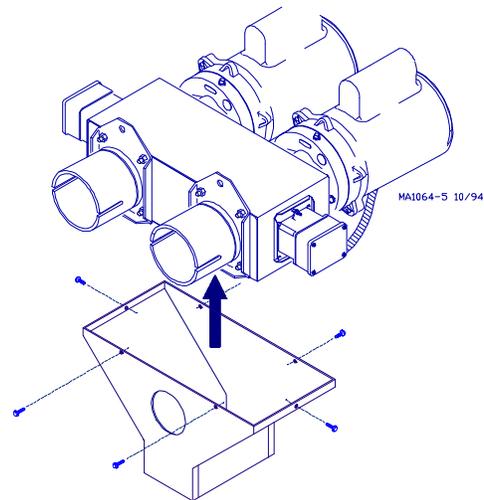


Figure 4.

MA1064-5 10/94

6. Support the Control Unit/Power Units from the ceiling or rafters at the locations specified in Figure 5. Make sure the supporting structure is adequate to hold the Control Unit, Power Units, and feed.
7. Wire the system according to the appropriate single or three phase wiring diagram provided.

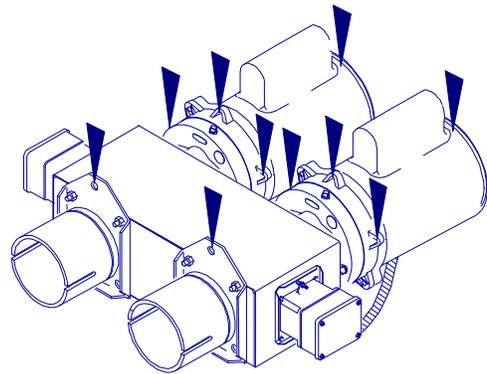
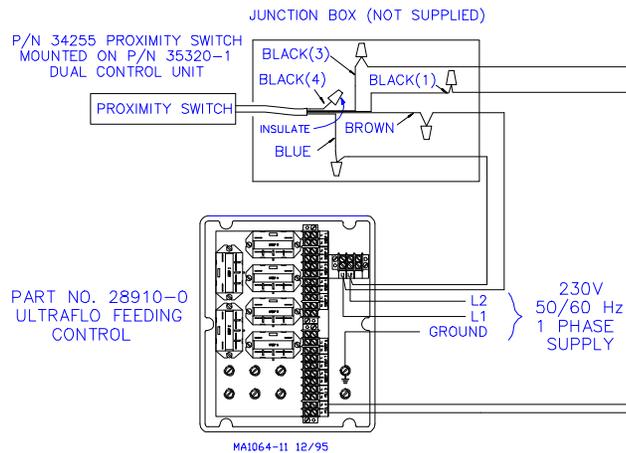
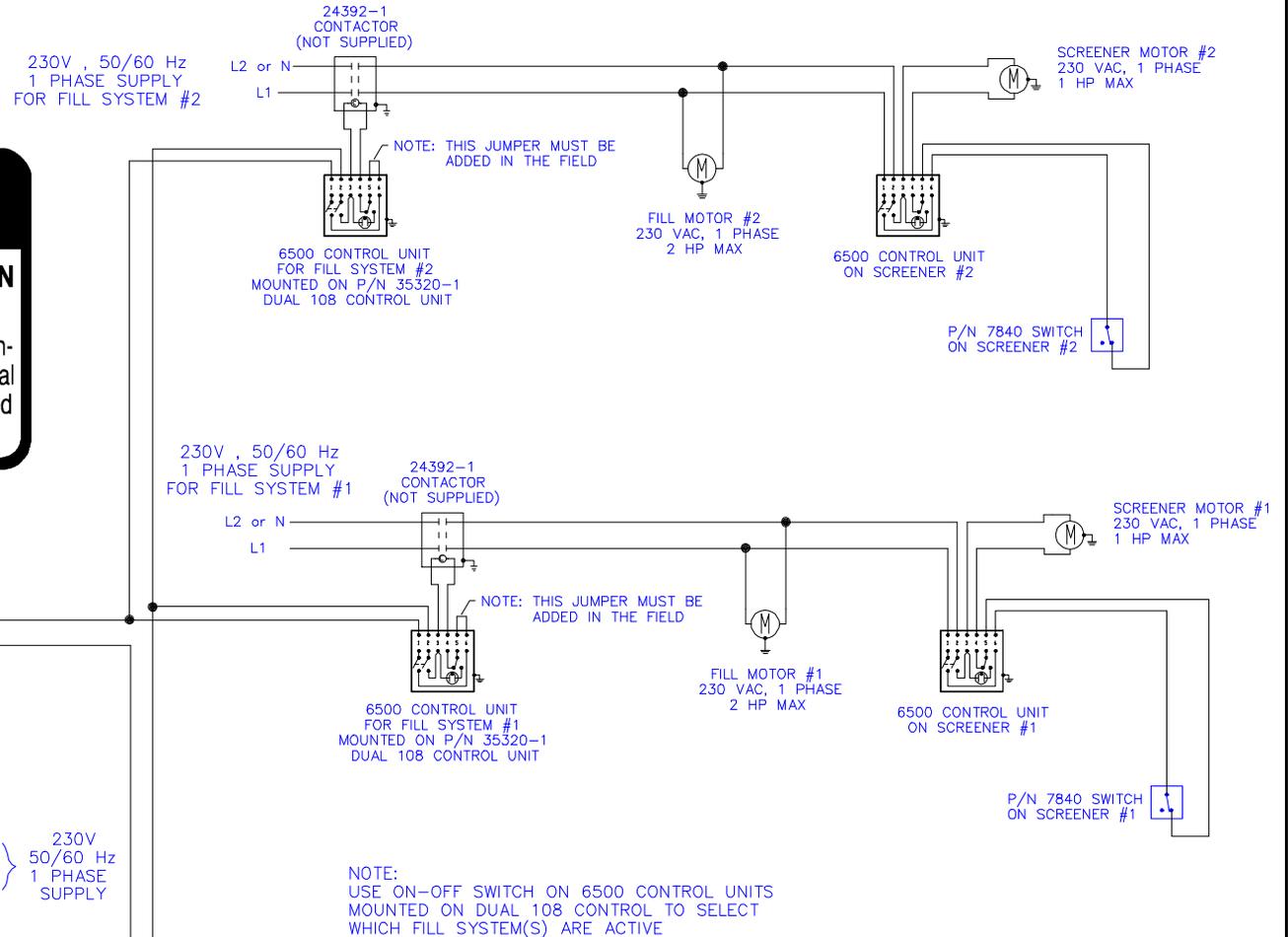
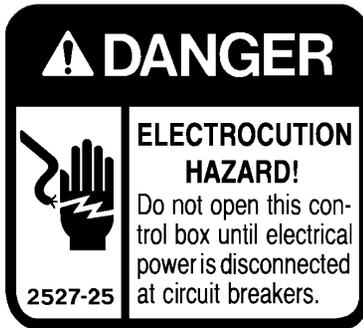


Figure 5.

MA1064-3 10/94

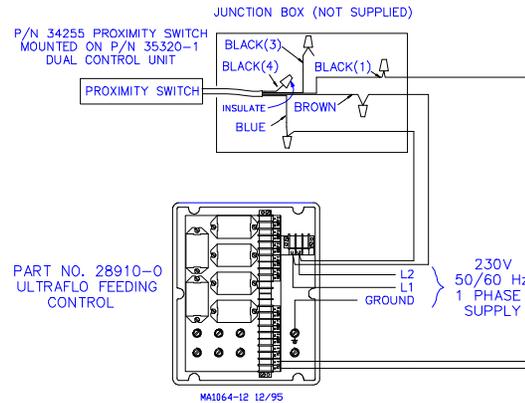
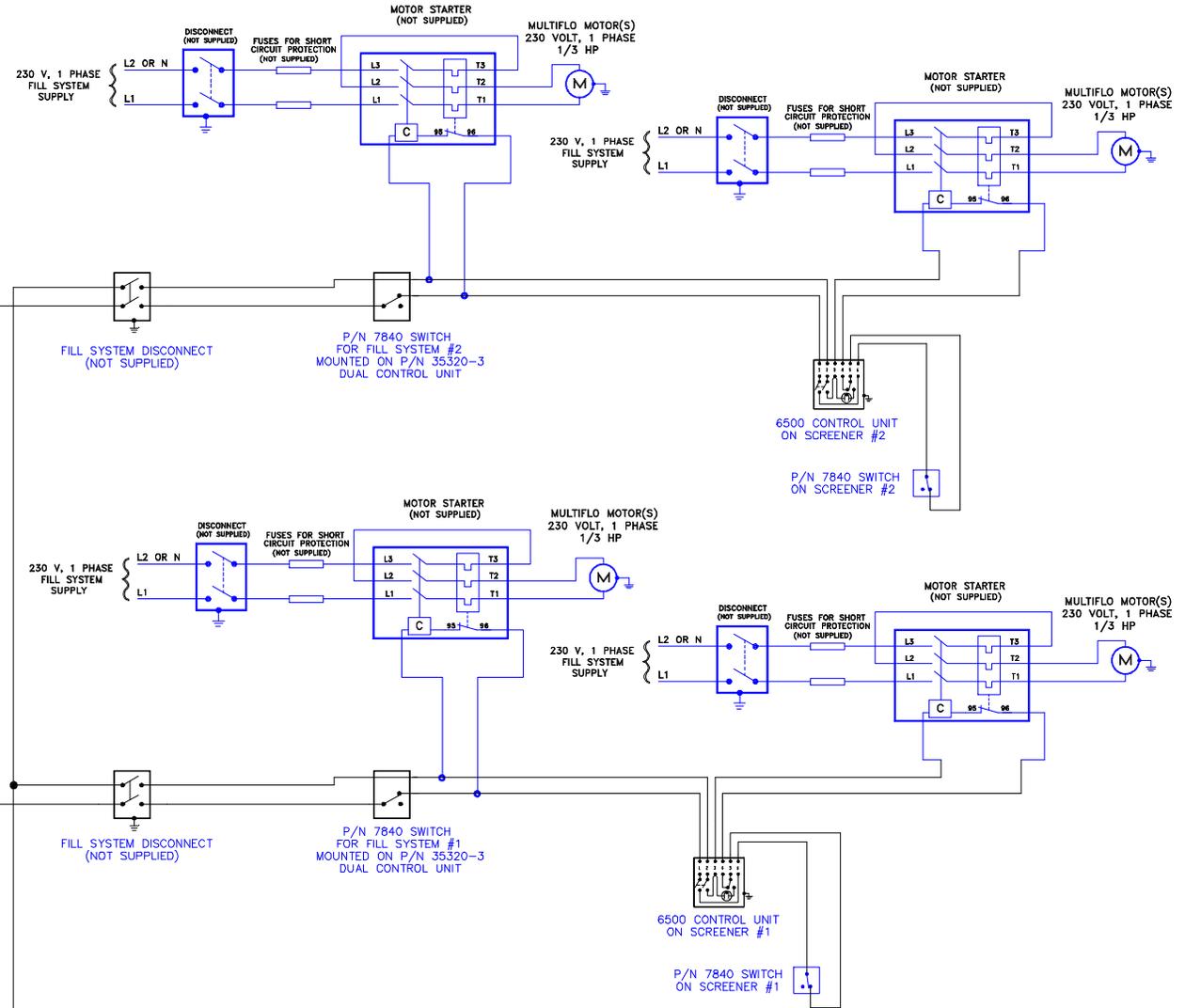
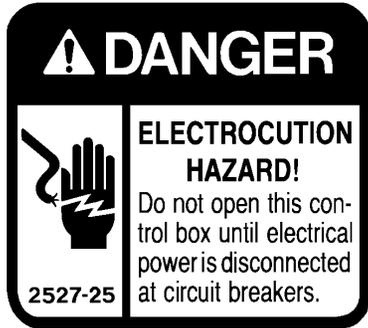
Twin Model 108 Fill System Wiring Diagram

(Single Phase • w/o Starters)



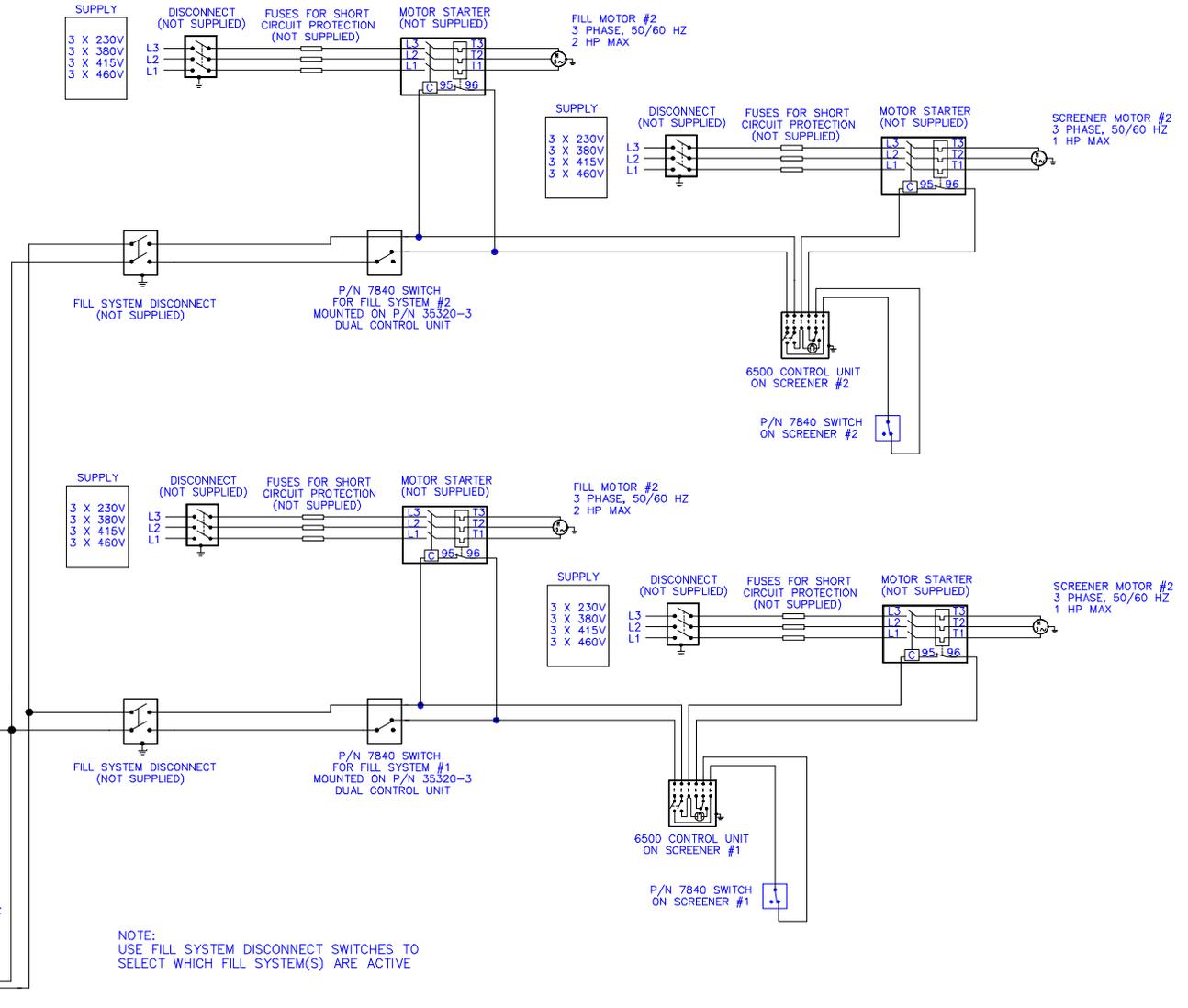
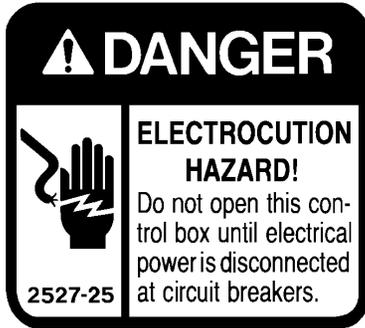
Twin Model 108 Fill System Wiring Diagram

(Single Phase • w/ Starters)

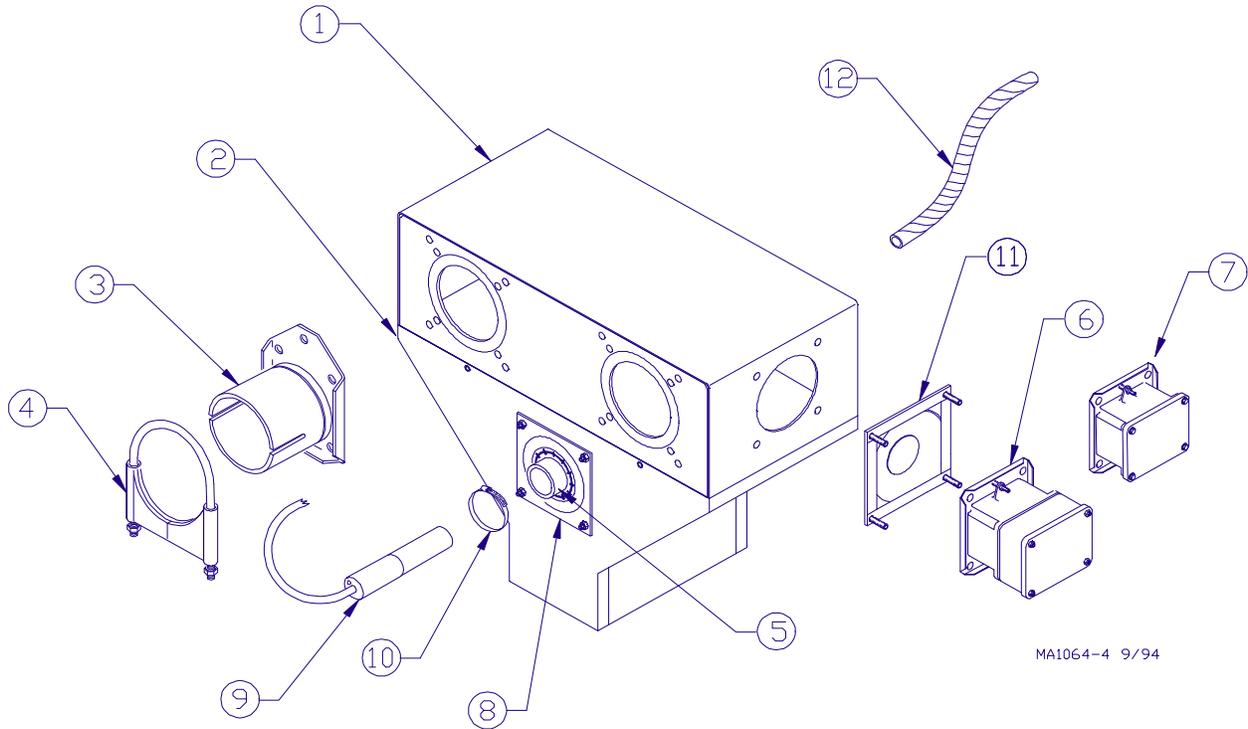


NOTE:
 USE FILL SYSTEM DISCONNECT SWITCHES TO SELECT WHICH FILL SYSTEM(S) ARE ACTIVE

Twin Model 108 Fill System Wiring Diagram (Three Phase • w/ Starters)



Twin Model 108 Control Unit Parts List



MA1064-4 9/94

Item	Description	Single Phase Part No.	Three Phase Part No.
1	Control Body Weldment	35314	35314
2	Control Hopper Weldment	35318	35318
3	Tube Anchor Weldment	34543	34543
4	Clamp	14373	14373
5	Proximity Plate Weldment	34758	34758
6	Switch Assembly	8789	- - - -
7	Switch Assembly	- - - -	7840
8	Window Plate	7842	7842
9	Proximity Switch	34255	34255
10	Adjustable Clamp	3527	3527
11	Diaphragm Assembly	7900	7900
12	Flexible Conduit	26982-10	26982-10
--	Twin Model 108 Control Kit	35320-1	35320-2



Made to work.
Built to last.

Contact your nearby Chore-Time distributor or representative for additional parts and information.
Chore-Time Equipment, A Division of CTB, Inc.
P.O. Box 2000, Milford, Indiana 46542-2000 U.S.A.