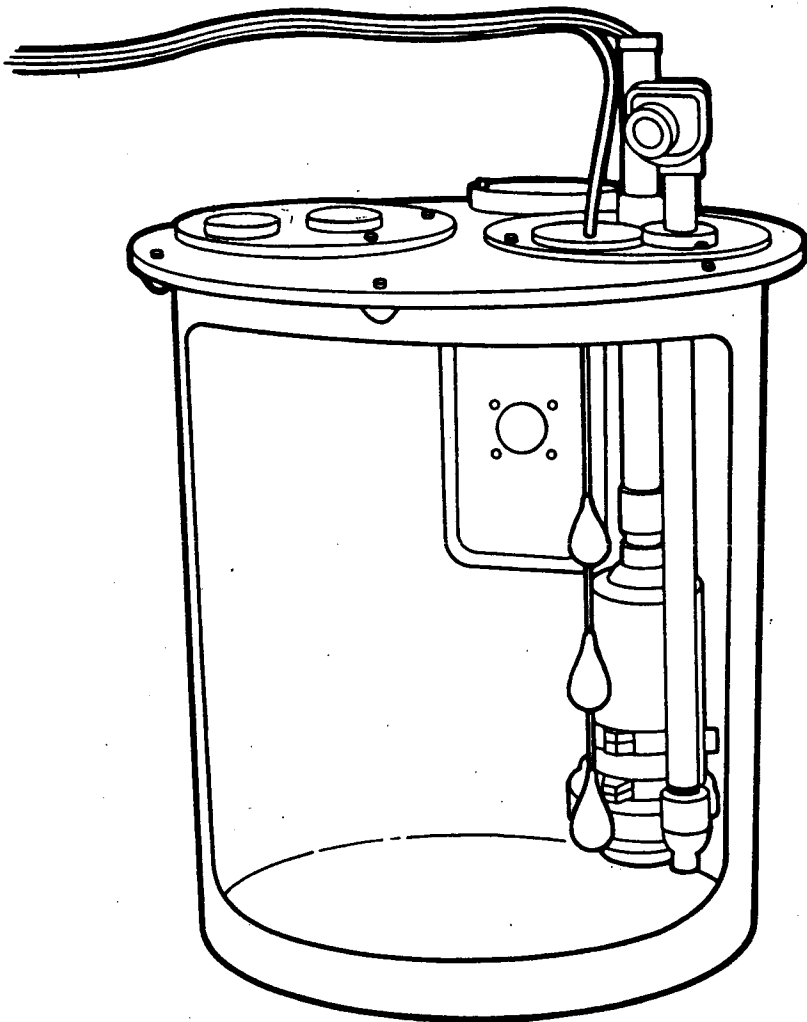


Simplex Grinder Pumps

INSTALLATION AND
SERVICING INSTRUCTIONS
SIMPLEX GRINDER PUMP
PACKAGED SYSTEM
FOR INDOOR INSTALLATION

MODEL:
TPL15-SS1
(30" dia. x 36" Deep Basin)



PACKAGE

System is completely packaged and shipped in cardboard carton. Carton is marked with Myers model number and factory engineering number. All parts needed are packaged inside the basin for shipping. The pumps and electrical control box are shipped separately.

These instructions are only for installing basin and mounting pumps in basin. See separate pump and electrical control box instructions with these items.

PACKAGE INCLUDES

1. Heavy fiberglass basin with steel sump cover and separate removable cast iron pump cover and one blank pump cover. Sump Sump cover has 3" NPT vent flange.
2. Inlet flanges for SDR-35 or Sch. 40 plastic pipe.
3. 1½" galvanized support pipe and conduit for motor cords.
4. 1¼" galvanized discharge pipe, two pipes T.O.E.
5. 1¼" slip coupling for discharge pipe.
6. 3 mercury level controls for mounting through cover.
7. CV-125 angle check valve.

3. Basin is now ready to set in ground. Pour cement around basin and up to basin flange, to make a neat job and to anchor basin in the ground. See Figure 2.

PREPARING PUMP FOR MOUNTING IN BASIN

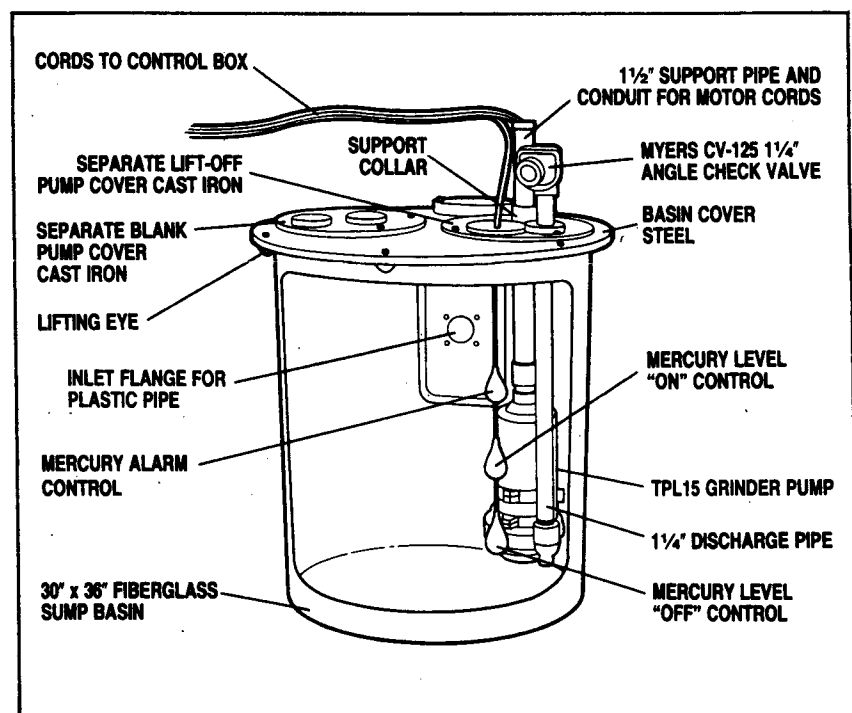
1. Screw one-half of 1¼" galvanized pipe into pump discharge. Use pipe dope or teflon tape on threads.
2. Pull the two motor cords up through 1½" galvanized support pipe and screw onto pump. Be sure pipe coupling is on pipe.
3. Connect other half of 1¼" discharge pipe with 1¼" slip coupling. Firmly tighten.
4. Place pump cover over pipes and tighten flanges to hold in place at height shown on Figure 3.
5. Plug extra hole with solid rubber plug.
6. Insert "OFF", "ON" and "ALARM" controls through rubber grommets. Adjust cords to proper length. Insert floats through holes provided in cover. Push rubber grommets into holes.

INSTALLATION INSTRUCTIONS

Figure 1 shows section of basin with a call out of parts.

Figure 2 shows a typical installation including discharge piping.

1. Remove pump cover and take out all parts. DO NOT REMOVE STEEL BASIN COVER.
2. Use template furnished with inlet flange to cut hole in basin and drill for mounting bolts. Mount inlet flange at height required for installation, but not lower than shown on Figure 3.



Simplex system with TPL15 grinder pump 30" x 36" fiberglass basin

FIG. 1

TYPICAL INSTALLATION MODEL TPL15-SS1 SIMPLEX GRINDER PUMP

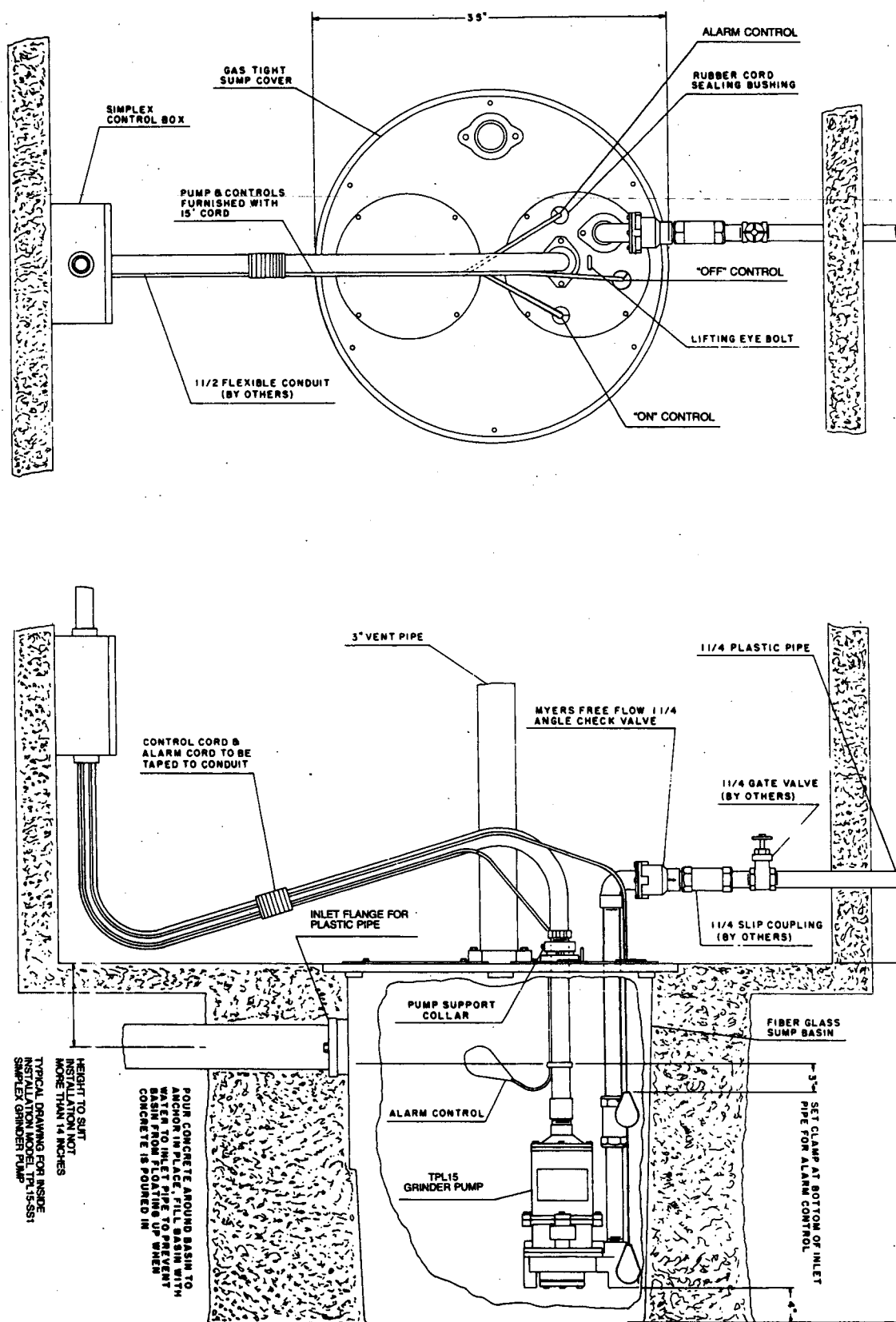


FIG. 2

9. Place gasket on steel basin cover. Use permatex on bottom side only to hold in place.
10. Lift pump and cover and lower into basin. Secure with bolts.
11. Power cords are taken to control box for connecting. Standard cord length for pump and controls are 15 feet long.
If longer lengths are required, pumps and controls must be ordered special with longer cords. Extra cord is furnished only in increments of 10 feet over the standard 10 foot length. **MAXIMUM LENGTH 45 FEET.**
12. The motor cords can be installed in flexible conduit if desired, as shown on drawing Figure 2, or can be left open and taped together.

CAUTION –KEEP HANDS COMPLETELY AWAY FROM GRINDER IMPELLER.

STARTING PUMP

1. With circuit breaker at control box in "OFF" position, turn hand-off-auto switch to "AUTO" position.
2. Turn circuit breaker to "ON" and run water into basin. The blank cover can be taken off for this test so switch operation can be observed.
3. When level tilts upper float, pump should start and should run until lower float is deactivated, causing pump to stop.
4. Repeat cycle several times. Yellow run light should come on each time pump runs.
5. Turn hand-off-auto switch to "OFF" and run water into basin until alarm switch activates. Alarm will continue to operate as long as the float control is in the up position.
ALWAYS TURN THE ALARM SWITCH TO "ON" POSITION AFTER TESTING.
6. Turn hand-off-auto switch to "AUTO" position and pump is ready for automatic operation.
7. Replace blank sump cover and be sure discharge valve is wide open.
Instructions for locating trouble are given with the pump and control box instructions.

PIPING ASSEMBLY FOR SIMPLEX SYSTEM 30" x 36" BASIN

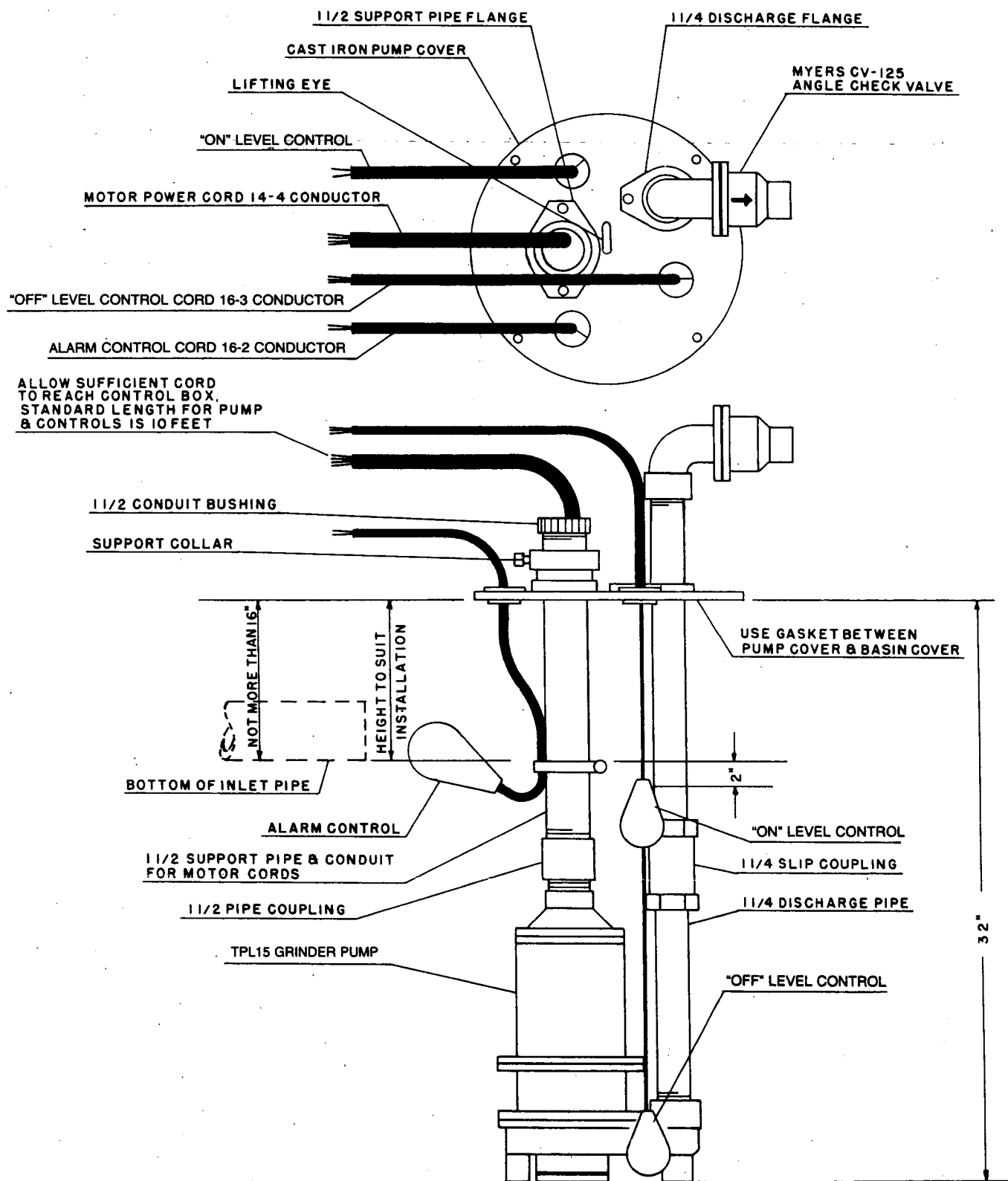


FIG. 3

LIMITED WARRANTY

F.E. Myers warrants the grinder pump, electrical controls, and all system components to be free of defects in material and workmanship for one year from date of installation, providing it is within 18 months from date of manufacture.

F.E. Myers will repair or replace directly or through its agents defective parts free of charge within the warranty period.

Warranty does not cover labor to remove or replace the equipment and does not include freight, consequential or incidental damage.

Misuse or abuse of the equipment is not covered by the warranty.

Myers®

F.E. Myers
1101 Myers Parkway
Ashland, Ohio 44805-1923

419/289-1144
FAX: 419/289-6658, TLX: 98-7443