

PUMP OUT DRAIN INSTALLATION INSTRUCTIONS

KLE 150GTP

P/N 9600032

Introduction:

The pump out drain option is designed to be used on our KLE 150GT dishwashers. This optional kit is used in locations where floor drains are not used and uphill drains are required to drain the dishwasher.

Tools needed:

- 1-Slotted screwdriver (Large)
- 2-Adjustable wrench
- 3-7/16" wrench

Parts included in this kit:

- A- P/N 9600036, Drain pump/motor (1).
- B- P/N 1600633, Elbow, 1" NPT X Barb (1).
- C- P/N 1600631, Elbow, 1 1/2" Qwik ELL (1).
- D- P/N 9600675, Drain pump bracket (1).
- E- P/N 1900400, Strain relief body (2).
- F- P/N 1900402, Strain relief locknut (2).
- G- P/N 0800446, Pump suction tube (1).
- H- P/N 9600423, 1/4"-20 X 1/2" Hex bolt (4).
- I- P/N 1400462, 1/4"-20 Nylock (4).
- J- P/N 2000757-1, Cable tie (5, Not Shown)
- k- P/N 9600353 1 1/2" Pipe coupling (1)
- L- P/N 9600740 Scrap Box Screen

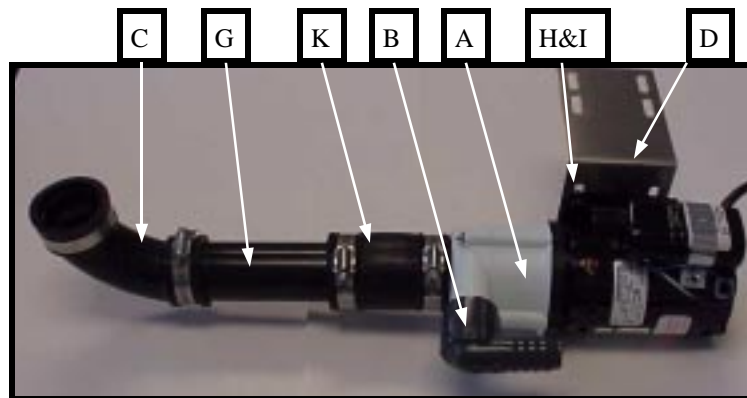


Fig. 1

INSTALLATION:

IMPORTANT NOTE:

- WATER LEVEL MUST BE ACCURATELY SET BEFORE INSTALLATION.

- 1- Drain dishmachine (If necessary) and switch off the wall breaker.
- 2- Disconnect the drain line from dishmachine's scrap box discharge nipple.
Note: This step is for machines installed in field only!
- 3- Thread 1" elbow (B) on discharge port of pump as shown in Fig. 1.

4- Assemble the Pipe coupling (K), suction tube (G) and Elbow (C) as shown in Fig. 1 and install this assembly on the suction port of the pump (A).

5- Using provided 1/4" nuts and bolts (H&I), install drain pump bracket (D) On drain pump motor (A) as shown in Fig. 1. (HAND TIGHTEN ONLY AT THIS TIME).

6- Position the assembly behind the scrap box. Insert the tip of scrap box discharge tube in elbow (C) while matching slatted holes on pump bracket (D) with those on electrical box slide base (N). Align and Secure assembly with provided nuts and bolts (H&I) as shown in Fig. 2. Care should be taken to route the drain hose (Not provided) straight to the back of the machine, and up about two feet to the wall drain. This will allow enough water to be returned back to the pump head after drain cycle preventing possible cavitation. All hose clamps and nuts can be tighten at this time.

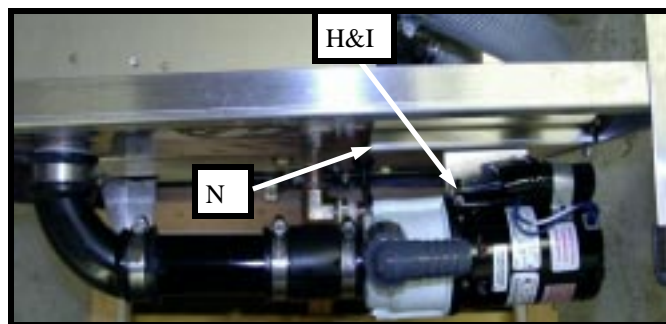


Fig. 2

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7- Install the strain relief (E) using nut (F) on electrical slide base (N) as shown. Guide the pump motor cable up through the hole on strain relief and to control box and secure cable with strain relief nut (F) as shown in Fig. 3.

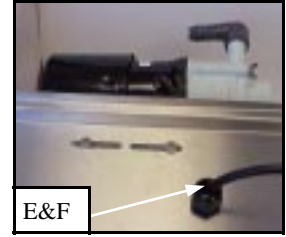


Fig. 3

8- Continue guiding cable towards the back of control box and tie it as needed on cable bundle with provided cable ties. (Remove panel and slide control box forward for easy access).

Make sure there is enough slack in the cable so that the control box can easily be pulled in and out.



Fig. 4

9- Pass the cable through hole on the back of control box and secure with strain relief as shown in Fig. 4.

10- Locate the "pump out" block at the lower left side of control board and connect:

Brown to L

Blue to N

Green/Yellow E

as shown in Fig. 5.



Fig. 5

Dishmachine is now ready for installation. Refer to the dishwasher's Instruction manual for installation instructions.

If you have any questions or any comments about this or any other **KNIGHT** products, please call our customer service department at (949) 595-4800



Fig.

6

NOTE: PROVIDED SCRAP BOX SCREEN (L) **MUST BE** PLACED OVER DISCHARGE HOLE INSIDE SCRAP BOX TO PREVENT CLOGS AND PUMP DAMAGE! See Fig. 6.

DISCLAIMER

Knight Inc. does not accept responsibility for the mishandling, misuse, or non-performance of the described items when used for purposes other than those specified in the instructions. For hazardous material information consult label, MSDS, or Knight Inc.

WARRANTY

All stainless steel components have a three year limited warranty from date of purchase against manufacturers defects. The electronic control board has a two year warranty. Warranty replacement for component parts purchased by Knight are limited to warranty by the manufacturer. Warranty applies only to the replacement or repair of such parts when returned to factory with a Knight Return Authorization (KRA) number, freight prepaid and found to be defective upon factory authorized inspection. Bearings and pump seals or rubber and synthetic rubber parts such as "O"-rings, diaphragms, squeeze tubing, and gaskets are considered expendable and are not covered under warranty. Warranty does not cover liability resulting from performance of this equipment nor the labor to replace this equipment. Product abuse or misuse voids warranty.