

INSTALLATION INSTRUCTIONS

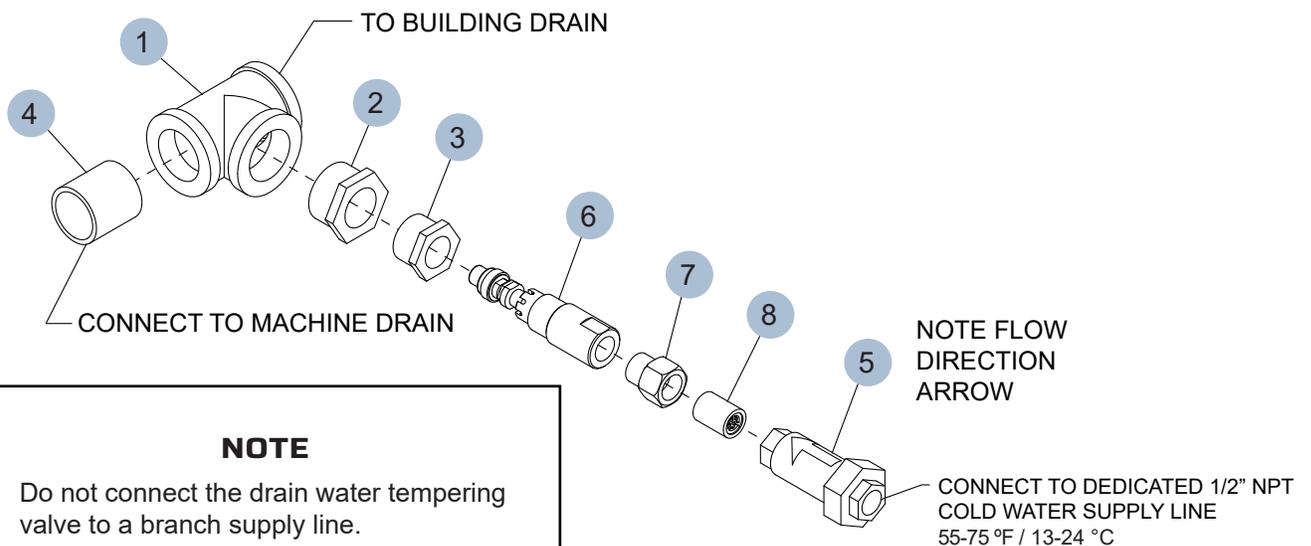
KIT P/N 901309 **DWT 1-1/4"**

INTRODUCTION

The mechanical drain tempering kit connects a 1/2" NPT cold water line to machine drain line. Ensure teflon tape or pipe dope do not obstruct the tempering valve.

KIT PARTS LIST:

Item No.	Part No.	Description	Qty.
1	100510	TEE, 1 1/4" NPT SST	1
2	100535	BUSHING, REDUCING, 1 1/4"NPT x 1"NPT, SST	1
3	102397	BUSHING, REDUCING, 1"NPT x 3/4"NPT, SST	1
4	111971	NIPPLE, 1 1/4"NPT x CLOSE, SST	1
5	117393	CHECK VALVE DUAL, WATTS 1/2" FNPT	1
6	117885	DRAIN TEMPERING VALVE SUPPLIED	1
7	117886	DRAIN TEMPERING VALVE STRAINER SUPPLIED	1
8	117887	DRAIN TEMPERING VALVE NIPPLE W/FLOW DISC SUPPLIED	1
9	117946	SHEET, INSTRUCTIONS, DWT KIT, P/N 901309, P/N 901310, P/N 901311	1



NOTE

Do not connect the drain water tempering valve to a branch supply line.

Fig. 1 - Drain Water Tempering Valve Kit Parts

Due to an ongoing value analysis program at Champion and Moyer Diebel, specifications contained in this catalog are subject to change without notice. P/N 117946 rev. -

PRO SERIES RACK CONVEYOR

- The pictures below show how to assemble the DWT for a PRO Series Rack Conveyor Dishwasher. Assemble as shown below.
- Refer to the Kit Parts List and Fig. 1 on page 1 for the individual parts illustration.
- General installation instructions are on the last page of these instructions.

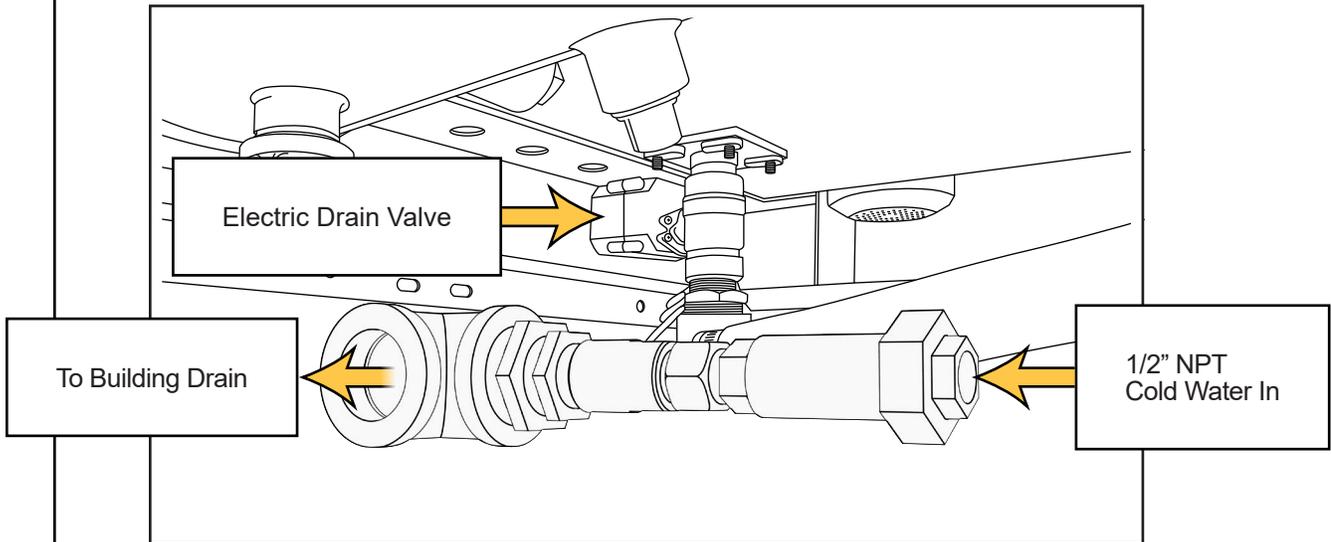


Fig. 2 - PRO Series

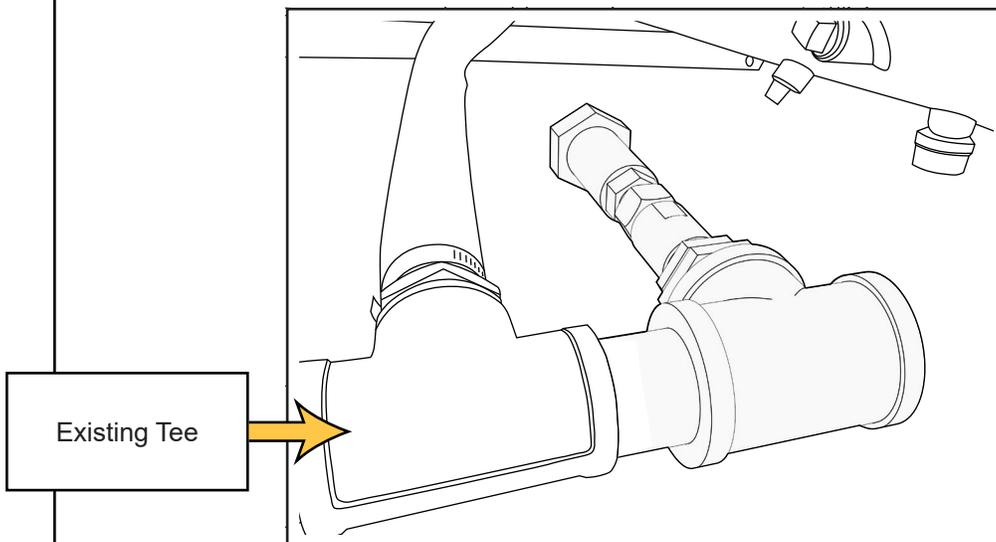


Fig. 3 - PRO Series

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KIT P/N 901310 DWT 1-1/2"

INTRODUCTION

The mechanical drain tempering kit connects a 1/2" NPT cold water line to machine drain line. Ensure teflon tape or pipe dope do not obstruct the tempering valve.



NOTE

Not all parts are used for every installation. PP-28 does not use P/N 113090.

KIT PARTS LIST:

Item No.	Part No.	Description	Qty.
1	102397	BUSHING, REDUCING, 1"NPT x 3/4"NPT, SST	1
2	102541	TEE, 1 1/2" NPT SST	1
3	105952	BUSHING, REDUCING, 1 1/2"NPT x 1"NPT, SST	1
4	113090	NIPPLE, 1 1/2"NPT x CLOSE, SST	1
5	117393	CHECK VALVE DUAL, WATTS 1/2" FNPT	1
6	117885	DRAIN TEMPERING VALVE SUPPLIED	1
7	117886	DRAIN TEMPERING VALVE STRAINER SUPPLIED	1
8	117887	DRAIN TEMPERING VALVE NIPPLE W/FLOW DISC SUPPLIED	1
9	117946	SHEET, INSTRUCTIONS, DWT KIT, P/N 901309, P/N 901310, P/N 901311	1

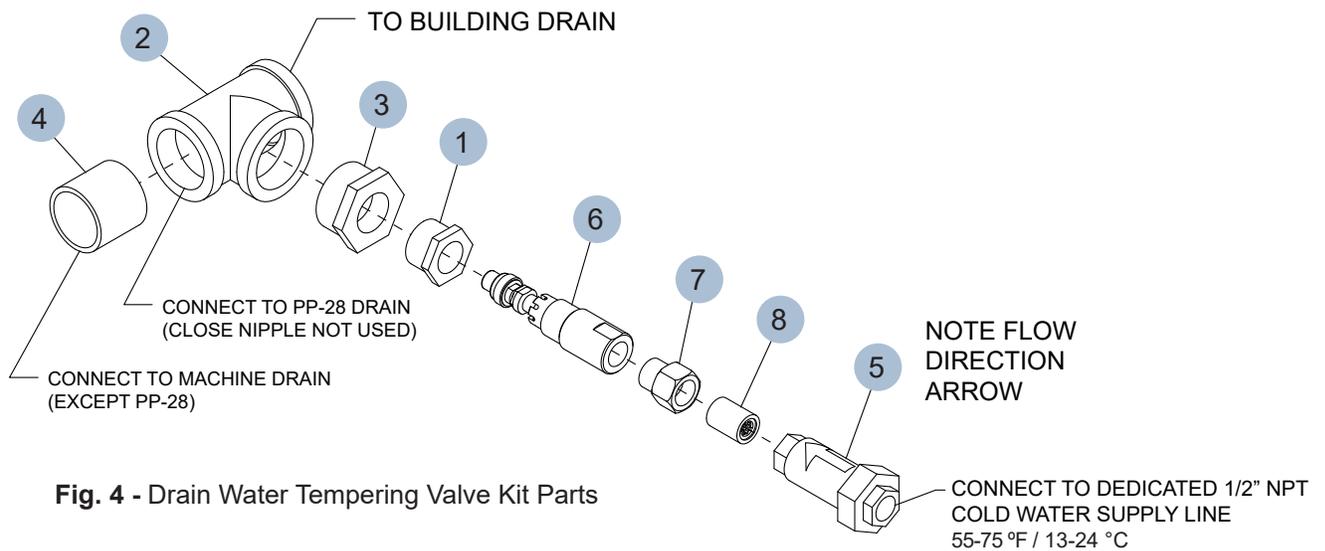


Fig. 4 - Drain Water Tempering Valve Kit Parts



NOTE

Do not connect the drain water tempering valve to a branch supply line.

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KIT P/N 901311 DWT 1"

INTRODUCTION

The mechanical drain tempering kit connects a 1/2" NPT cold water line to machine drain line. Ensure teflon tape or pipe dope do not obstruct the tempering valve.



NOTE

This kit is for door machines with mechanical drains predating the switch to automatic electric drains.

KIT PARTS LIST:

Item No.	Part No.	Description	Qty.
1	100013	COUPLING, 1" NPT SST	1
2	100694	NIPPLE, 1"NPT x CLOSE, SST	2
3	102397	BUSHING, REDUCING, 1"NPT x 3/4"NPT, SST	1
4	102530	TEE, 1"NPT SST	1
5	117393	CHECK VALVE DUAL, WATTS 1/2" FNPT	1
6	117885	DRAIN TEMPERING VALVE SUPPLIED	1
7	117886	DRAIN TEMPERING VALVE STRAINER SUPPLIED	1
8	117887	DRAIN TEMPERING VALVE NIPPLE W/FLOW DISC SUPPLIED	1
9	117946	SHEET, INSTRUCTIONS, DWT KIT, P/N 901309, P/N 901310, P/N 901311	1



NOTE

Do not connect the drain water tempering valve to a branch supply line.

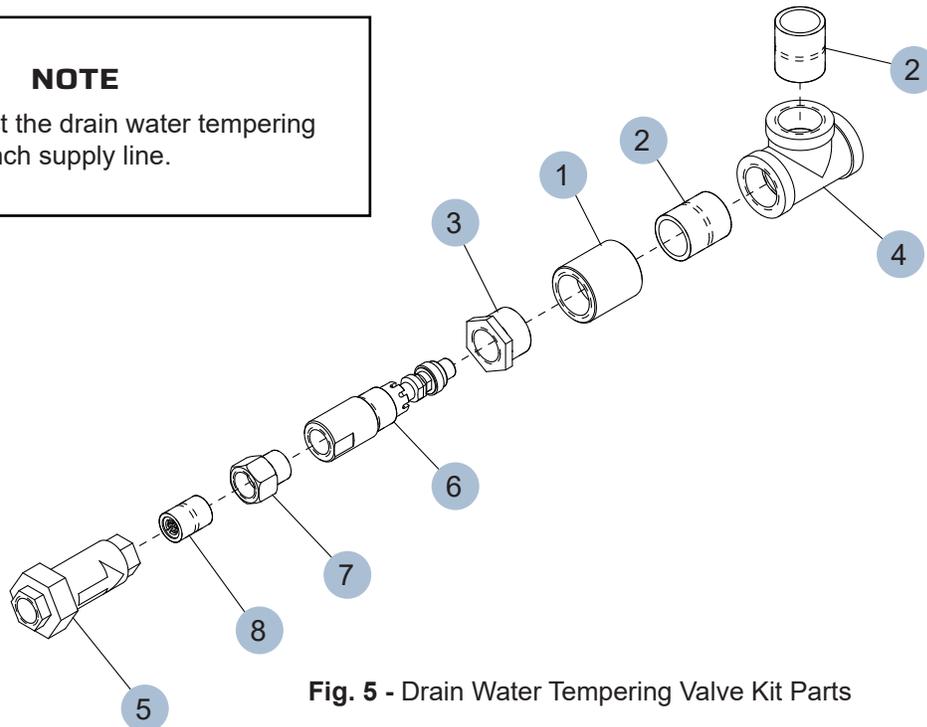


Fig. 5 - Drain Water Tempering Valve Kit Parts

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GENERAL INSTALLATION INSTRUCTIONS: (ALL MODELS)



CAUTION

Turn main power off to the dishwasher at the main breaker or service disconnect switch. Lock out the circuit and tag to indicate work is being performed on the machine.



CAUTION

To prevent damage to the dishwasher supply valves, the installing plumber must thoroughly flush debris from the water supply line before connecting it to the dishwasher. Damage caused by improper installation is not covered by the limited warranty.



CAUTION

When using teflon tape or pipe dope for components threads, make sure the tempering valve is not obstructed.



NOTE

If necessary, consult the local inspector prior to installation to verify code compliance.

INSTALLING THE KIT:

1. Installations should be done by a plumber in accordance with local plumbing codes.
2. Turn water and power off to the machine.
3. Remove panels.
4. Do not use sweat connections on any part of the kit to avoid damage to the tempering valve.
5. Connect the tempering valve to the drain line as close to the hot water discharge as possible.
6. Connect a 1/2" NPT cold water line to the tempering valve.
7. The installation of a ball shut-off valve (supplied by others) for servicing is highly recommended.
8. Maintain an INDIRECT (air gap) connection to the floor drain, if the exit of the Tee is finished to the floor drain.
9. Restore water supply and check for leaks.
10. Restore power and test the operation of the machine.
11. Replace panels.
12. Installation is complete.

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