



Stock Number: 1000020

Service Pressure:	175 PSI
Valve body:	Galvanized steel
Collection chambers:	Galvanized Steel
Handle:	Chrome plated steel
Connection and drain:	1" NPT

General Information

The Potter Never-Trip auxiliary drain replaces the old conventional drum drip. The Never-Trip is a completely assembled and tested compact valve and collection chamber assembly that conforms to NFPA 13 requirements for auxiliary drains for dry pipe and preaction systems.

The Never-Trip prevents accidental trips of dry pipe and preaction systems and eliminates the cost associated with resetting these systems.

With the handle in the COLLECT position the collection chambers are connected to the system through the valve and any water or condensate will flow directly into the collection chambers. The drain is isolated from the collection chambers when the handle is in the COLLECT position.

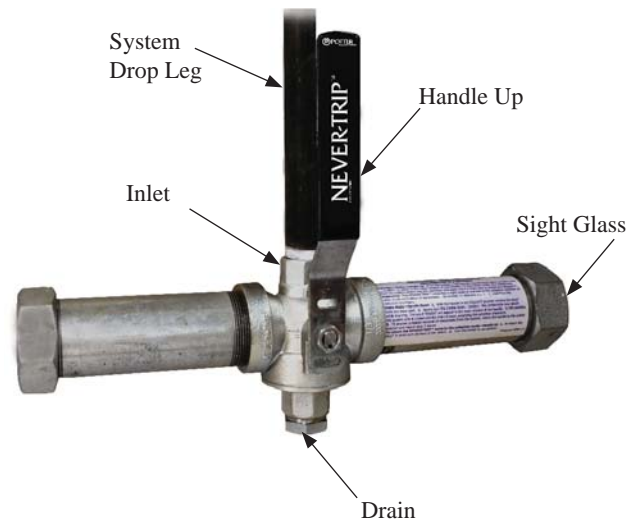
As the handle is moved from COLLECT to DRAIN, the collection chambers are isolated from the system before they are connected to the drain through the valve.

At no point is the drain directly connected to the system. The system cannot be tripped by moving the handle to any position. The plug is used only because it is an NFPA requirement.

Installation (see Fig 1)

1. Remove the protective cap from the inlet and attach the inlet to the 1" pipe from the system.
2. The base of the valve marked DRAIN must point directly down towards the floor.
3. After connecting the Never-Trip to the system make sure the handle is pointing up in the COLLECT position.

Fig. 1: Handle in Collect Position



NOTICE

- The location and quantity of auxiliary drains shall be determined by the engineer of record or other qualified responsible party.
- Use pipe thread sealant or DTFE tape. Take care to not get pipe sealant or tape inside the valve body.
- Make sure any chips, debris or burrs are removed from the system pipe.
- If installation space is restricted, the collection chambers can be removed from the valve body and replaced after the installation of the valve.

Operation (see Fig 1)

In the normal or COLLECT mode the handle of the Never-Trip is pointing up and the word COLLECT is visible through the hole at the bottom of the valve handle.

The Never-Trip has a sight glass to allow a visual inspection of the collection chamber to determine if condensate has reached a level requiring the device to be drained.

To drain the Never-Trip:

1. Place a bucket (or other receptacle) under the drain plug to capture the drain water.
2. Remove the plug.

CAUTION

The condensate may splash while draining.

3. Slowly move the handle from the up position to the down position. The word DRAIN will be visible through the hole in the handle. (See Fig. 2)
4. After the water stops coming out of the drain, move the handle back up to the COLLECT position. If there is more condensate it will flow into the collection chambers.
5. Wait a minute, and move the handle back down to the DRAIN position.
6. Repeat steps 4 and 5 until no more water discharges from the drain.
7. Move the handle up to the COLLECT position.
8. Replace the plug.

CAUTION

Failure to return the handle back up to the COLLECT position can result in water freezing and damaging the pipe in cold weather

Fig. 2: Handle in Drain Position

