



QUICK RESPONSE

Saving life and property through effective licensing, plan review, and inspection of fire protection systems.

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Drum Drip

The “**drum drip**” is an auxiliary drain for dry pipe and preaction systems in areas subject to freezing. Water that has entered the system, either because the valve has tripped or from condensation of moisture from the pressurized air in the system, must be easily drained to prevent freezing. They are required for sections of trapped piping with five or more gallons of trapped water.

The 2” x 12” condensate nipple (**B**) allows for the collection and removal of water and moisture from the system without allowing system air loss that may inadvertently trip (operate) the dry or preaction valve.

When a **drum drip** is in “normal” position, the top 1” valve (**A**) is open, allowing moisture to enter the condensate nipple, while the bottom 1” valve (**C**) is closed. To drain the condensate nipple, the top valve is closed then the bottom valve is opened to remove accumulated moisture.

It is preferable to locate the **drum drip** in a heated area. This is not always possible to accomplish this; therefore, a **drum drip** is allowed to be located in areas subject to freezing. This will put an additional responsibility on the user of the system to keep the **drum drip** properly drained during the freezing seasons.

