

The Features you Expect from Hydrolevel for Commercial Applications



COMMERCIAL

PROGRAMMABLE WATER FEEDER



PROGRAMMABLE FEED DELAY SETTINGS

The VXTC provides five delay settings ranging from 0 to 10 minutes. This easy-to-set delay prevents over-filling by allowing time for condensate to return to the boiler before initiating a feed cycle. The "NO DELAY" setting is ideal for process steam applications.

PROGRAMMABLE FEED AMOUNT SETTINGS

With five available feed settings, the VXTC can meet the needs of virtually any boiler. The "LWCO" setting feeds until the boiler control is satisfied. The remaining settings allow you to fine tune the feed amount to a desired level above the boiler control.

ON BOARD DIAGNOSTICS

This multi-purpose LED display indicates the current mode of operation — delay, feed, standby or lock-out. It also serves as a timer for convenient programming of the feed amount setting.

MANUAL FEED

The VXTC allows for a manual feed with the touch of a button.

LOCK-OUT FLOOD PROTECTION

The VXTC locks-out after a sustained 10 minute feed cycle. This important safety feature prevents flooding caused by a malfunctioning boiler level control.

HEAVY DUTY WATER METER

The VXTC includes a heavy-duty cast bronze water meter for accurate tracking of boiler make-up water — critical for discovering system leaks and preventing oxygen corrosion.

UNIVERSAL COMPATIBILITY

Works with all major low water cut-offs and pump controllers — float-type and probe-type.



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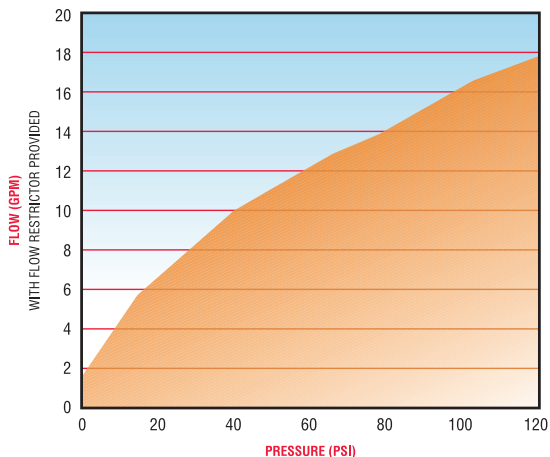
The VXTC combines Hydrolevel's years of water feeder experience with advanced microchip technology, increased flow rates and other features essential for commercial applications.



HOW IT WORKS

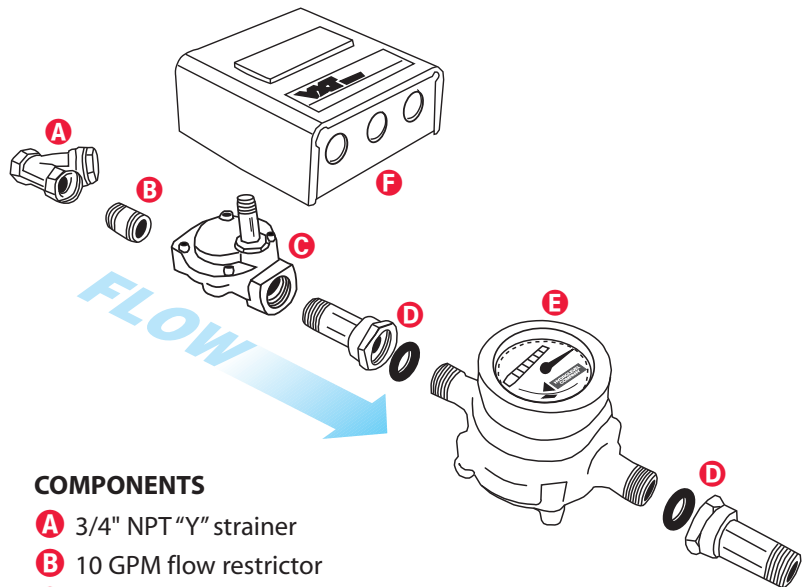
The VXTC is designed to operate with all major boiler level controls. When the VXTC receives a low water signal from the boiler control, it delays (from 0 to 10 minutes) to allow condensate to return to the boiler. If make-up water is required following the delay period, the VXTC initiates a feed cycle. This cycle can be programmed to feed to the level of the boiler control or can be fine-tuned to a desired level above the boiler control. The heavy-duty cast bronze water meter tracks all water fed into the system.

FLOW CHART



SPECIFICATIONS

Max Fluid Temperature	100° F (38°C)
Flow Rate	See chart above
Max Single Feed Cycle	10 minutes
Electrical	120 VAC, 60 HZ



COMPONENTS

- A** 3/4" NPT "Y" strainer
- B** 10 GPM flow restrictor
- C** 3/4" NPT solenoid valve
- D** (2) 3/4" NPT brass adaptors with connection gaskets
- E** Heavy-duty cast bronze water meter
- F** VXTC controller

Model	Description
VXTC	Complete feeder. Includes water meter, strainer, flow restrictor and 3/4" NPT fittings.
VXTC-WF	Water feeder only. Includes water feeder, strainer and flow restrictor.
WM-1	Water meter only. Includes water meter and 3/4" NPT fittings.