

MODEL VCM BOILER FEED SYSTEM

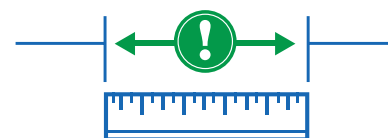


**Lockwood
Products**



Lockwood model VCM boiler feed systems are packaged, atmospheric-pressure, storage tanks built for commercial or industrial steam systems. They are typically used for lower pressure steam systems and/or projects where the tank needs to pass through a narrow access on the way to its final installation place. The storage tank blends makeup water, condensate returns, and water treatment chemicals before being pumped to the steam boiler. The tank is placed on the ground and the feed water pumps are bolted directly to the receiver to provide a compact, efficient design. A close-coupled centrifugal pump design with enclosed impeller is used.

Systems can be fully customized to meet each customer's specific needs. Systems can be as simple or complex as desired. The storage tank can be made of carbon steel or upgraded to stainless steel for increased life. Makeup water controls can be mechanical, float/probe type with solenoid valve, or modulating via an electronic control valve. Steam preheat packages are available to elevate the water temperature before sending makeup water to the boiler. Other typical trim items include: thermometer with separable well and gauge glass.



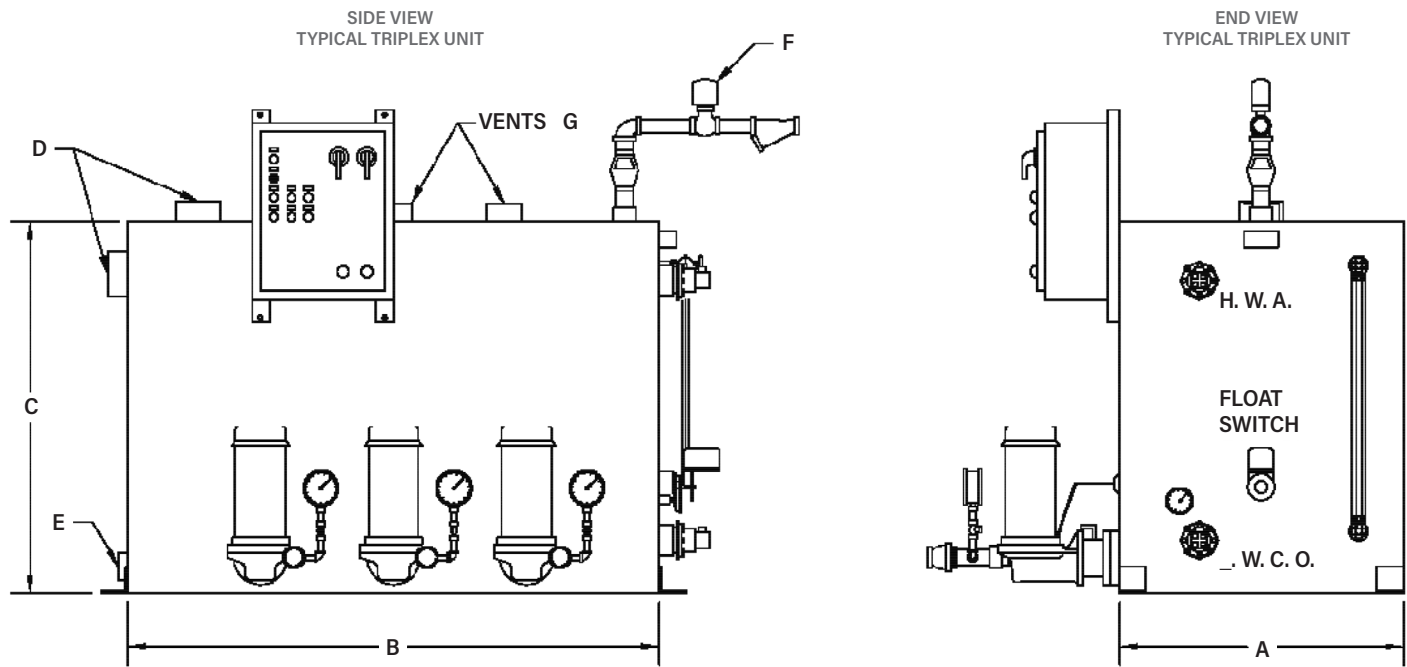
CUSTOMIZABLE:

VCM Boiler Feed

***Systems are
designed to fit through
a 32" wide doorway.***

CUSTOM ENGINEERED SOLUTIONS TO COMPLEX PROBLEMS

DIMENSIONS



DIMENSIONAL DATA

	NORMAL RECEIVER SIZE (GALLONS)						
	100	150	200	250	300	350	500
LENGTH (A)	30	30	30	30	30	30	30
WIDTH (B)	30	36	48	48	60	60	72
HEIGHT (C)	30	36	36	42	42	48	60
NUMBER OF VENTS (D)	3	3	4	4	4	4	4
DRAIN SIZE (E)	1 1/4	1 1/4	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
MAKEUP VALVE SIZE (F)	1/2	1/2	3/4	3/4	3/4	3/4	1
VENT SIZE (G)	1 1/2	1 1/2	2	2 1/2	3	3	3

Standard pumps are available from 6 GPM to 75 GPM with discharge pressures from 20 PSI to 60 PSI.

ACCESSORIES/ OPTIONS:

- TEFC/Explosion Proof Motors
- Magnetic Starters/Custom Panels
- H-O-A Switches
- Pilot Lights
- Control Circuit Transformers
- Electrical Alternators
- Level Alarm Switches
- High Water Alarm Switches
- Thermometers
- Internal Tank Linings
- Tank Insulation
- Suction Isolation Valves

The specifications contained in this bulletin were effective at the time of publishing. Lockwood Products reserves the right to discontinue products at any time or to change specifications or design without incurring any obligation.



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Products**

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