

ZENNER Bubba Fire Hydrant Meters 6" Model FHB

INTRODUCTION: Bubba Fire Hydrant Meters are light weight portable units designed to measure a wide variety of cold potable water flows from fire hydrants where flows are in one direction. These meters have a large 6" turbine measuring element for use in applications where high flows are expected.

OPERATION: Water flows through the turbine section causing the rotor to turn proportionately to the quantity of water flowing through the meter. A drive magnet transmits the motion of the rotor to a driven magnet located within the hermetically sealed register. The magnet is connected to a gear train which translates the rotations into volume totalization displayed on the register dial face. The only moving parts in the meter are the rotor assembly and vertical shaft.

CONSTRUCTION: Bubba Fire Hydrant Meters consist of several basic components: light weight aluminum main case, turbine type measuring element assembly, sealed register, aluminum cover plate, stainless steel hardware, brass lid assembly, optional aluminum or brass swivel and nipple, stainless steel handles, etc. The measuring element assembly includes the rotor assembly, vertical shaft and a calibration vane which eliminates the need for calibration change gears.

MAINTENANCE: Bubba Fire Hydrant Meters are engineered and manufactured to provide long-term service and operate virtually maintenance free. If maintenance is necessary the measuring element can be removed from the main case.

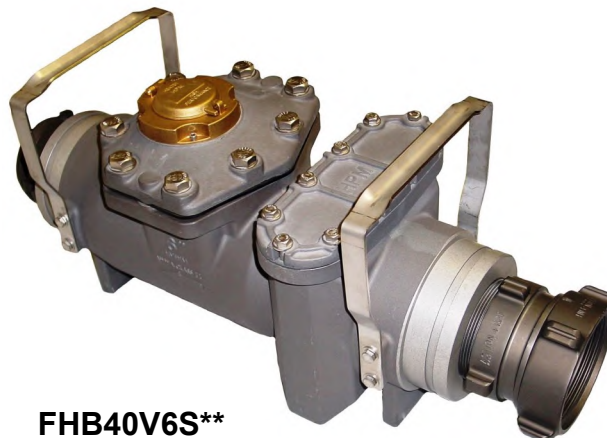
CONFORMANCE: Bubba Fire Hydrant Meters are tested and comply with AWWA C701 Class II performance standards.

STRAINERS: Bubba Fire Hydrant Meters have a built-in 110 square inch stainless steel Z-plate strainer screen.

CONNECTIONS: Bubba Fire Hydrant Meters are typically configured with 4" aluminum Swivels and Nipples, although Brass connections are available. They can also be configured for 6" Victaulic Couplings or 6" Female Iron Pipe Threads.



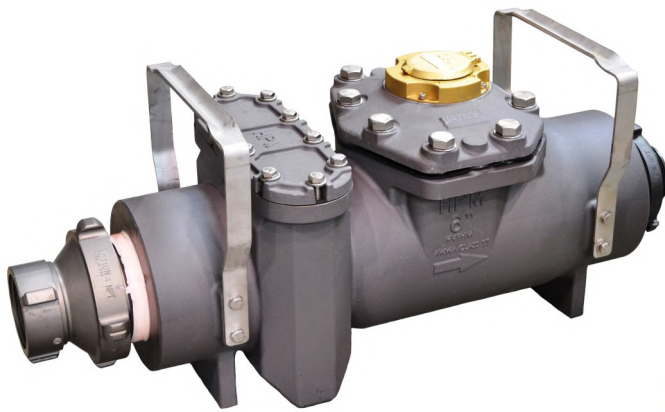
FHB40S**



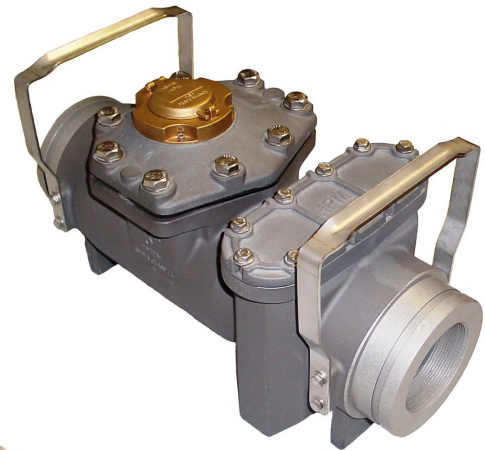
FHB40V6S**

MODEL		FHB25S**	FHB40S**	FHB45S**	FHB40V6S**-NF	FHB60S**
6" BUBBA FIRE HYDRANT METER CONFIGURATIONS		2.5" Inlet Swivel x 2.5" Outlet Nipple	4" Inlet Swivel x 4" Outlet Nipple	4.5" Inlet Swivel x 4" Outlet Nipple	6" Victaulic with 4" Female Iron Pipe Threads Both Ends	6" Female Iron Pipe Threads Both Ends
Flow Rate Maximum Intermittent	USGPM	2500	2500	2500	2500	2500
Maximum Continuous	USGPM	2000	2000	2000	2000	2000
Optimum Operating Flow Range	USGPM	20 - 2000	20 - 2000	20 - 2000	20 - 2000	20 - 2000
Low Flow rate	USGPM	12	12	12	12	12
Maximum Working Pressure	P.S.I.	150	150	150	150	150
Maximum Temperature	Deg. F	140	140	140	140	140
Length	Inches	31	31	31	23.5	23.5
Weight	Pounds	65	65	65	56	52

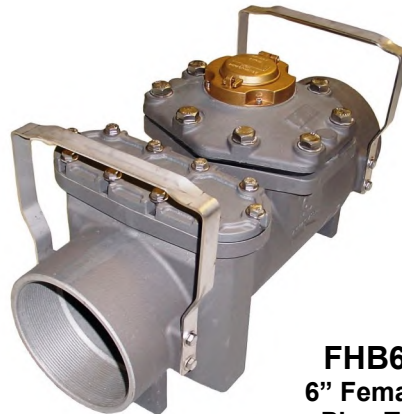
** Registration US/CF/CM



FHB25S**



FHB40V6S-NF**
6" Victaulic



FHB60S**
6" Female Iron
Pipe Thread