

SPECIFICATION SHEET **FEBCO®**

Series 731

Hose Connection Vacuum Breakers

Size: 3/4" (20mm) hose thread

Series 731 hose connection vacuum breakers are specially made to permit the attachment of portable hoses to hose thread faucets. Designed to prevent the flow of contaminated water back into the potable water supply, these devices require no plumbing changes, and screw directly onto a sill cock.

Series 731 can be used on a wide variety of installations, such as service sinks, swimming pools, photo developing tanks, laundry tubs, wash racks, dairy barns, marinas and general outside gardening uses.

Features

- Brass body
- Stainless steel working parts for longevity
- Durable rubber diaphragm and disc for consistent positive seating

Inlet Connection: 3/4" (20mm) standard female hose thread

Outlet Connection: 3/4" (20mm) standard male hose thread

Models

731 - Furnished with break-away set screw to provide a tamper-resistant installation. Standardly equipped to allow sill cock to be drained.

731FR - With freeze relief feature. Protects the 731FR from freeze damage.

IMPORTANT NOTE:

SERIES 731 is tested and certified under ANSI A112.1.3 (ASSE 1011), which precludes use under continuous pressure. This valve should only be used in areas where spillage of water will not cause damage.



731



731FR

IMPORTANT: INQUIRE WITH GOVERNING AUTHORITIES FOR LOCAL INSTALLATION REQUIREMENTS

Pressure – Temperature

Maximum Temperature: 180°F (82°C)

Maximum Working Pressure: 125psi (8.6 bar)

Specifications

A hose connection type anti-siphon vacuum breaker shall be installed where indicated on the plans to prevent the backsiphonage of contaminated water. This device is not to be used under continuous pressure or where there is a possibility that a backpressure condition may develop. This device shall meet the requirements of ANSI A112.1.3, ASSE Standard 1011. Vacuum breaker shall be a FEBCO Series 731.

Job Name _____

Job Location _____

Engineer _____

Approval _____

Contractor _____

Approval _____

Contractor's P.O. No. _____

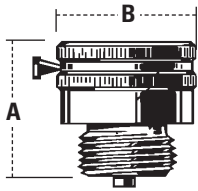
Representative _____

FEBCO product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact FEBCO Technical Service. FEBCO reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on FEBCO products previously or subsequently sold.

Approvals



Dimensions – Weights

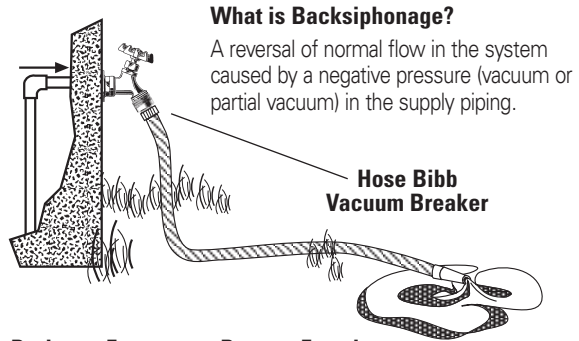
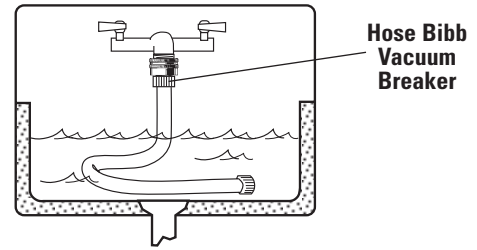


Size: 3/4" (20mm)

MODEL	SIZE (DN)		DIMENSIONS				WEIGHT	
	In.	mm	A		B		oz.	gm.
731	3/4 HT	20	1 1/2	38	1 3/8	35	4.0	113.4
731FR	3/4 HT	20	1 3/4	44	1 3/4	44	7.0	200.0

Typical Installation

For Inside or Outside Use
Installation - Inside Service Sink



What is Back-siphonage?

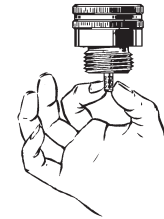
A reversal of normal flow in the system caused by a negative pressure (vacuum or partial vacuum) in the supply piping.

Drainage Features to Prevent Freezing

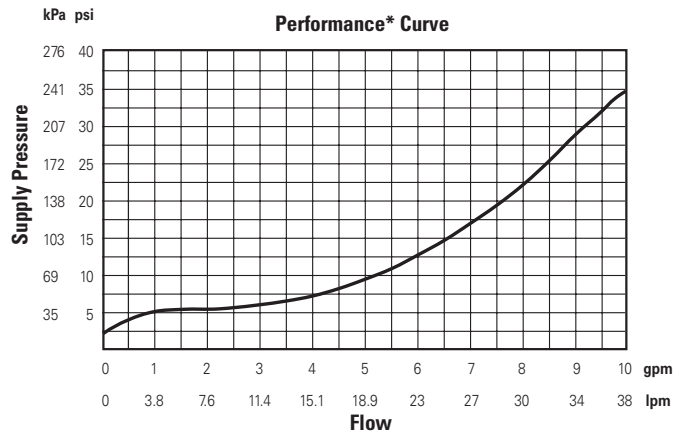
Models 731 and 731FR hose connection vacuum breakers are constructed to allow sill cocks to be drained. Simply remove hose coupling and lightly pull knurled tip of stem at outlet of valve to allow drainage of collected water.

Note: Do not use Models 731 or 731FR Hose Bibb Vacuum Breakers on frost-free hydrants.

Do not use where discharge of water is objectionable.



Capacity



*Performance as established by an independent testing laboratory.



A Watts Water Technologies Company

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**ISO 9001-2000
CERTIFIED**