WVBSS

Stainless Steel

Model Code	**WVBSS-12-N**
Sizes	1/2"
Connections	NPT
Body Material	Stainless Steel
PMO Max. Operating Pressure	300 PSIG
TMO Max. Operating Temperature	752°F
PMA Max. Allowable Pressure	300 PSIG up to 752°F
TMA Max. Allowable Temperature	752°F @ 300 PSIG



Typical Applications

The **WVBSS** Vacuum Breaker is used on heat exchangers, air coils, jacketed kettles, pressing machines, boiler feed water tanks, sparge systems, water lines, or anywhere else an unwanted vacuum may occur. The WVBSS allows air to enter the steam or liquid system in order to "break the vacuum" caused by the condensing of steam or draining of liquid from a system. The elimination of vacuum is necessary to allow proper drainage of liquid from process systems.

How It Works

The Vacuum Breaker functions like a simple check valve. Outside air is allowed to enter the system through the air inlet. However, when steam or water try to escape, the vacuum breaker closes off tightly.

Features

- All stainless steel construction
- Small and compact

Sample Specification

Vacuum Breaker shall be all stainless steel construction.

Installation

Unit must be installed in a vertical position and should be placed at the highest point in the system.

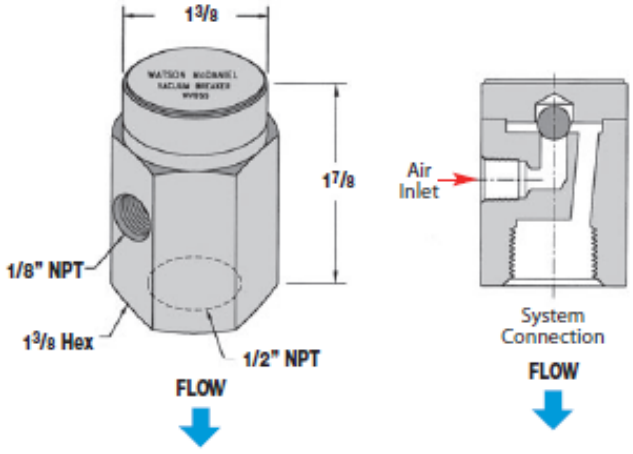
OPERATING SPECIFICATIONS

Vacuum required to open: 5 in. water (0.18 PSIG)

MATERIALS

Body	Stainless Steel, Series 300
Ball	Hardened Stainless Steel
Nameplate	Stainless Steel, Series 300

DIMENSIONS – *inches*



CAPACITIES – *Air (SCFM)*

Size NPT	Inches Hg Vacuum 2	4	6	8	10	12
1/2"	2.4	3.4	4.0	4.3	4.7	4.9