

The Versa NAMUR ReBreather

ACTUATOR CONTROLS FOR HARSH OR DIRTY ENVIRONMENTS

Introduction

A simple device used in applications where the environment is corrosive from production, plant pollutants or other environmental issues. These applications need something to protect the actuator spring chambers from sucking in external air/contaminants during the return stroke, extending valve and actuator life and reliability. The Versa NAMUR ReBreather kit prevents this from happening by redirecting the clean instrumentation air, thus preventing external dirty air from entering the control system.

How it works

The ReBreather block is used on single acting actuators to prevent corrosive atmosphere from entering the actuator spring side. This add on accessory is designed to use available instrument air to fill the spring side, thus assuring only clean air enters the actuator. The instrument air it utilizes on the return stroke is the air from the exhaust cycle of the piston side of the actuator. No additional air is required to complete the cycle and keep the actuator clean.

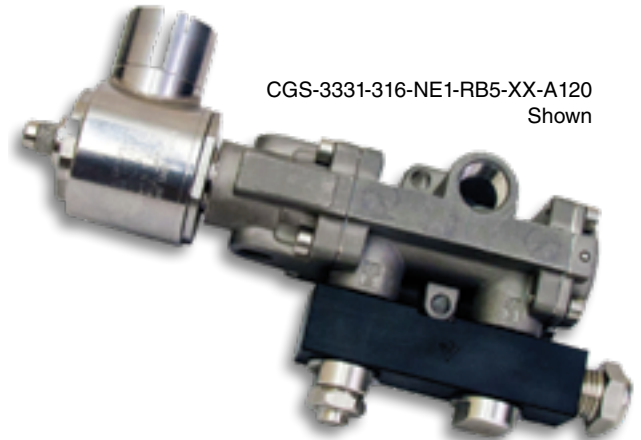
Low profile design

Available on either Versa's C or C-316 Series NAMUR valves. The material of the main plate is engineered polymer. All fasteners and speed controls are 316 stainless steel for enhanced corrosion protection and product life.

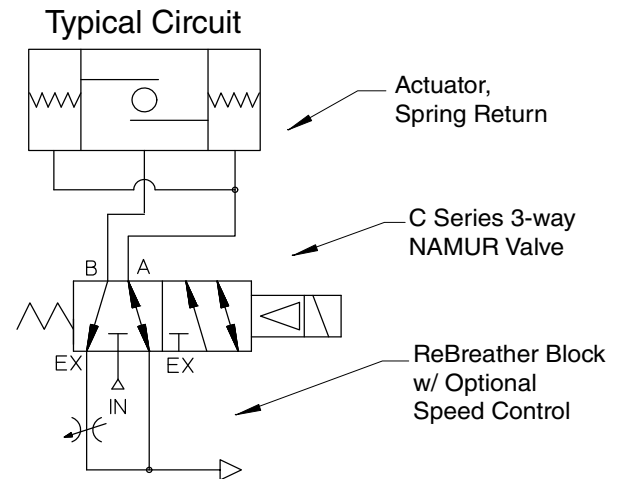
Options

The starter plate is supplied with a 1/4" NPT vent port. The ReBreather may be further customized with the following options:

- Speed control provides closing speed adjustability
- Vent screen to prevent debris and insects from entering the valve.
- Dust excluder to prevent debris and insects from entering the valve and with its positive check is also effective in keeping out moisture



CGS-3331-316-NE1-RB5-XX-A120
Shown



Ordering Information

On a Valve		As a Kit		
Suffix*	Description	C Series	C 316 Series	Description
-RB	Plate, 1/4" npt vent port open	C-33RB-NB	C-33RB-NE	Plate, 1/4" npt vent port open
-RB1	Plate, and speed control, with 1/4" npt vent port open	C-33RB-NB-BC	C-33RB-NE-BC	Plate, and speed control, with 1/4" npt vent port open
-RB2	Plate, with DE-3 in vent port**	C-33RB-NB-DE3	C-33RB-NE-DE3	Plate, with DE-3 in vent port**
-RB3	Plate, and speed control, with DE-3 in vent port	C-33RB-NB-BC-DE3	C-33RB-NB-BC-DE3	Plate, and speed control, with DE-3 in vent port
-RB4	Plate, with MFS-3 in vent port	C-33RB-NB-MFS3	C-33RB-NB-MFS3	Plate, with MFS-3 in vent port
-RB5	Plate, and speed control, with MFS-3 in vent port	C-33RB-NB-BC-MFS3	C-33RB-NB-BC-MFS3	Plate, and speed control, with MFS-3 in vent port

*Add suffix to complete C/C316 series valve part number.

**Aluminum DE on C Series and Stainless on C-316 Series