

# WILKERSON®

49083

:(269) 629-5000

Installation & Service Instructions  
83-949-000

SB1 & SB2  
Filter / Regulator Series

ISSUED: May, 2008  
Supersedes: August, 2006

Doc.# 83949000, EN# 080328, Rev. 5



## WARNING

To avoid unpredictable system behavior that can cause personal injury and property damage:

- Disconnect electrical supply (when necessary) before installation, servicing, or conversion.
- Disconnect air supply and depressurize all air lines connected to this product before installation, servicing, or conversion.
- Operate within the manufacturer's specified pressure, temperature, and other conditions listed in these instructions.
- Medium must be moisture-free
  - Warnings and specifications on the product should not be covered by paint, etc. If masking is not possible, contact your local representative for replacement labels.

## Symbols

Filter / Regulator

### Installation

1. ...
2. ...
3. ...
4. ...
5. ...
6. ...

### Operation

1. ...
2. ...
3. ... 69. (10 ...)
4. ...
4. ... 2, ...
5. ...
6. ... 550 410. (80 60 ...), ... 410 (60 ...)
7. ...

## Introduction

## Application Limits

### Maximum Recommended Pressure Drop:

	kPa	PSIG	bar
Particulate Filter	70	10	0.7

### Operating Pressure Maximum

	kPa	PSIG	bar
Bowl w/ Twist Drain / No Sight Gauge	2068	300	21.0
Bowl w/ Autodrain / No Sight Gauge	1210	175	12.1
Bowl w/ Twist Drain and Sight Gauge	1700	250	17.0
Bowl w/ Autodrain and Sight Gauge	1210	175	12.1

### Operating Temperature Range:

SB1-02-LYSO	0	150	(-18	66	)
SB1-02-LYSS	0	180	(-18	82	)
Auto Pulse Drain	32	150	(0	66	)
SB2-04-LLS0, with or without Sight Gauge	0	150	(-18	66	)
SB2-04-LLSS, without Sight Gauge	0	180	(-18	82	)
SB2-04-LLSS, with Sight Gauge	0	150	(-18	66	)
Automatic Float Drain	32	150	(0	66	)

Standard Size Low Temperature Operating Temperature: -40°C/F

Note: Air must be dry enough to avoid ice formation at temperatures below 32°F (0°C).

## WARNING

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

**Servicing Filter Element - (Refer to Figure 1)**

1.

**Figure 1**