

Introduction

This installation guide provides installation and removal instructions. To receive a copy of the instruction manual, contact your local Fisher Sales Office or Sales Representative or view a copy at www.FISHERregulators.com. For further information refer to:

P590 Series Instruction Manual, form 5289, D101555X012.

P.E.D. Categories

This product may be used as a safety accessory with pressure equipment in the following Pressure Equipment Directive 97/23/EC categories. It may also be used outside of the Pressure Equipment Directive using sound engineering practice (SEP) per table below.

PRODUCT SIZE	CATEGORIES	FLUID TYPE
DN 6 (1/4-inch)	SEP	1

Specifications

Maximum Working Pressures⁽¹⁾

Brass: 96,6 bar (1400 psig)

Aluminum: 41,1 bar (600 psig)

Proof Test Pressure

All Pressure Retaining Components have been proof tested per Directive 97/23/EC - Annex 1, Section 7.4

Installation



WARNING

Personal injury, equipment damage, or leakage due to escaping fluid or bursting of pressure-containing parts may result if the filter is installed where its capabilities can be exceeded or where conditions exceed any ratings of the adjacent piping or piping connections. To avoid this, install a filter where:

- Service conditions are within unit capabilities.
- Service conditions are within applicable codes, regulations, or standards.

Taking Out of Service (Shutdown)



WARNING

To avoid personal injury resulting from sudden release of pressure, isolate the regulator/filter from all pressure and cautiously release trapped pressure from the regulator/filter before attempting disassembly.

1. The pressure/temperature limits in this installation guide and any applicable standard or code limitation should not be exceeded.

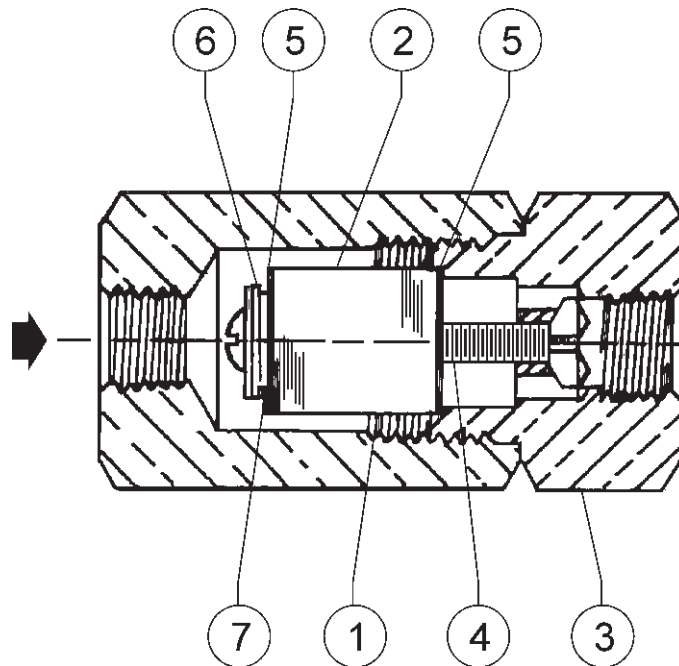


Type P590

Parts List

Key Description

- 1 Filter Body
Type P595, P594-1, brass
Type P593-1,
aluminum
aluminum (NACE)
- 2 Filter Element
- 3 Filter Head
- 4 Machine Screw
- 5 Washer
- 6 Spring Washer
- 7 Gasket



AJ5004_C
A2135_3

Figure 1. Typical P590 Series Filter Assembly

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