



### EQUALFUX OVERVIEW

Pulsation dampeners in the EQUAFLUX range are a real must for any pneumatic pump in those applications where a smooth, regular fluid output is required.

Their self regulating characteristic makes them extremely user friendly, with top notch effectiveness in protecting your pipings and machinery from water hammers generated by a diaphragm pump.

The ample choice in materials for castings and diaphragms in an Equaflex dampener grants the same chemical compatibility of any accompanying pump. They have no troubles with viscosities and solids in the range of their pneumatic pumps counterparts.

The Equaflex range are also available as ATEX-certified, making them suitable for potentially explosive environments

Part of the  
**EXUAFLUX** Range



## Benefits of using a Pulsation Dampener

**Reduced Pressure Fluctuations:** A pulsation dampener absorbs and dampens pressure fluctuations, resulting in a more stable and consistent flow of liquid or gas. This helps to prevent equipment damage and ensures reliable system operation.

**Minimized Vibrations:** Pulsating flow can cause vibrations that can be detrimental to the pump and other system components. By reducing pulsations, a pulsation dampener helps minimize vibrations, extending the lifespan of the equipment and reducing maintenance requirements.

**Improved System Efficiency:** The smooth flow provided by a pulsation dampener improves the overall efficiency of the pumping system. It reduces energy consumption, lowers operating costs, and enhances the performance of downstream processes.



Scan to see more of our Debem AOD Range



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## EQUAFLUX 51



## TECHNICAL SPECIFICATION

### Material (in half casing in contact with the fluid) : PP

<b>Product Fitting</b>	G 3/4 " f
<b>Air Fitting</b>	Ø 6mm
<b>Operating Pressure</b>	min 2 bar - max 8 bar
<b>Application</b>	Widgetbox, Cubic 15, Boxer 7, Boxer 15, Microboxer
<b>Weight</b>	0.5kg
<b>Operating Temperature</b>	from +3°C to +65°C
<b>Dimension (mm)</b>	121 x 117

### Material (in half casing in contact with the fluid) : PP + CF

<b>Product Fitting</b>	G 3/4 " f
<b>Air Fitting</b>	Ø 6mm
<b>Operating Pressure</b>	min 2 bar - max 8 bar
<b>Application</b>	Widgetbox, Cubic 15, Boxer 7, Boxer 15, Microboxer
<b>Weight</b>	0.5kg
<b>Operating Temperature</b>	from +3°C to +65°C
<b>Dimension (mm)</b>	121 x 117

### Material (in half casing in contact with the fluid) : PVDF

<b>Product Fitting</b>	G 3/4 " f
<b>Air Fitting</b>	Ø 6mm
<b>Operating Pressure</b>	min 2 bar - max 8 bar
<b>Application</b>	Cubic 15, Boxer 7, Boxer 15, Microboxer
<b>Weight</b>	0.5kg
<b>Operating Temperature</b>	from +3°C to +95°C
<b>Dimension (mm)</b>	121 x 117

### EQUAFLUX 51

### TECHNICAL SPECIFICATION

**Material (in half casing in contact with the fluid) : PPS - V**

<b>Product Fitting</b>	G 3/4 " f
<b>Air Fitting</b>	Ø 6mm
<b>Operating Pressure</b>	min 2 bar - max 8 bar
<b>Application</b>	Boxer 7, Boxer 15, Microboxer
<b>Weight</b>	0.6kg
<b>Operating Temperature</b>	from +3°C to +95°C
<b>Dimension (mm)</b>	121 x 117

**Material (in half casing in contact with the fluid) : AISI 316 L**

<b>Product Fitting</b>	G1/2" f
<b>Air Fitting</b>	Ø 6mm
<b>Operating Pressure</b>	min 2 bar - max 8 bar
<b>Application</b>	Boxer 7, Boxer 15, Microboxer
<b>Weight</b>	1.33kg
<b>Operating Temperature</b>	from +3°C to +95°C
<b>Dimension (mm)</b>	133 x 117



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### EQUAFLUX 100

### TECHNICAL SPECIFICATION



#### Material (in half casing in contact with the fluid) : PP

<b>Product Fitting</b>	G 1" f
<b>Air Fitting</b>	Ø 6mm
<b>Operating Pressure</b>	min 2 bar - max 8 bar
<b>Application</b>	Boxer 50, Boxer 81
<b>Weight</b>	1.5kg
<b>Operating Temperature</b>	from +3°C to +65°C
<b>Dimension (mm)</b>	177 x 170

#### Material (in half casing in contact with the fluid) : PP + CF

<b>Product Fitting</b>	G 1" f
<b>Air Fitting</b>	Ø 6mm
<b>Operating Pressure</b>	min 2 bar - max 8 bar
<b>Application</b>	Boxer 50, Boxer 81
<b>Weight</b>	1.5kg
<b>Operating Temperature</b>	from +3°C to +65°C
<b>Dimension (mm)</b>	177 x 170

#### Material (in half casing in contact with the fluid) : PVDF

<b>Product Fitting</b>	G 1" f
<b>Air Fitting</b>	Ø 6mm
<b>Operating Pressure</b>	min 2 bar - max 8 bar
<b>Application</b>	Boxer 50, Boxer 81
<b>Weight</b>	1.7kg
<b>Operating Temperature</b>	from +3°C to +95°C
<b>Dimension (mm)</b>	177 x 170

## EQUAFLUX 100

### TECHNICAL SPECIFICATION

**Material (in half casing in contact with the fluid) : PPS - V**

<b>Product Fitting</b>	G1" f
<b>Air Fitting</b>	Ø 6mm
<b>Operating Pressure</b>	min 2 bar - max 8 bar
<b>Application</b>	Boxer 50, Boxer 90
<b>Weight</b>	1.7kg
<b>Operating Temperature</b>	from +3°C to +95°C
<b>Dimension (mm)</b>	177 x 170

**Material (in half casing in contact with the fluid) : AISI 316 L**

<b>Product Fitting</b>	G1" f
<b>Air Fitting</b>	Ø 6mm
<b>Operating Pressure</b>	min 2 bar - max 8 bar
<b>Application</b>	Miniboxer, Boxer 81
<b>Weight</b>	2.56kg
<b>Operating Temperature</b>	from +3°C to +95°C
<b>Dimension (mm)</b>	183.2 x 151



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### EQUAFLUX 200



### TECHNICAL SPECIFICATION

#### Material (in half casing in contact with the fluid) : PP

<b>Product Fitting</b>	G 1"1/2 f
<b>Air Fitting</b>	Ø 6mm
<b>Operating Pressure</b>	min 2 bar - max 8 bar
<b>Application</b>	Boxer 100, Boxer 150, Boxer 251
<b>Weight</b>	3.8kg
<b>Operating Temperature</b>	from +3°C to +65°C
<b>Dimension (mm)</b>	283.2 x 254

#### Material (in half casing in contact with the fluid) : PP + CF

<b>Product Fitting</b>	G 1"1/2 f
<b>Air Fitting</b>	Ø 6mm
<b>Operating Pressure</b>	min 2 bar - max 8 bar
<b>Application</b>	Boxer 100, Boxer 150, Boxer 251
<b>Weight</b>	3.8kg
<b>Operating Temperature</b>	from +3°C to +65°C
<b>Dimension (mm)</b>	283.3 x 254

#### Material (in half casing in contact with the fluid) : PVDF

<b>Product Fitting</b>	G 1"1/2 f
<b>Air Fitting</b>	Ø 6mm
<b>Operating Pressure</b>	min 2 bar - max 8 bar
<b>Application</b>	Boxer 100, Boxer 150, Boxer 251
<b>Weight</b>	4.5kg
<b>Operating Temperature</b>	from +3°C to +95°C
<b>Dimension (mm)</b>	283.3 x 254

# EQUAFLUX RANGE

PNEUMATIC PULSATION DAMPENERS

## EQUAFLUX 200

### TECHNICAL SPECIFICATION

**Material (in half casing in contact with the fluid) : PPS - V**

<b>Product Fitting</b>	G1"1/2 f
<b>Air Fitting</b>	Ø 6mm
<b>Operating Pressure</b>	min 2 bar - max 8 bar
<b>Application</b>	Boxer 100, Boxer 150, Boxer 251
<b>Weight</b>	4.5 kg
<b>Operating Temperature</b>	from +3°C to +95°C
<b>Dimension (mm)</b>	283.2 x 254

**Material (in half casing in contact with the fluid) : AISI 316 L**

<b>Product Fitting</b>	G1"1/2 f
<b>Air Fitting</b>	Ø 6mm
<b>Operating Pressure</b>	min 2 bar - max 8 bar
<b>Application</b>	Boxer 100, Boxer 150, Boxer 251
<b>Weight</b>	7.45kg
<b>Operating Temperature</b>	from +3°C to +95°C
<b>Dimension (mm)</b>	256.7 x 254



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### EQUAFLUX 302



### TECHNICAL SPECIFICATION

#### Material (in half casing in contact with the fluid) : PP

Product Fitting	G 2" f
Air Fitting	Ø 8mm
Operating Pressure	min 2 bar - max 8 bar
Application	Boxer 552
Weight	23kg
Operating Temperature	from +3°C to +65°C
Dimension (mm)	398 x 516

#### Material (in half casing in contact with the fluid) : PP + CF

Product Fitting	G 2" f
Air Fitting	Ø 8mm
Operating Pressure	min 2 bar - max 8 bar
Application	Boxer 552
Weight	23kg
Operating Temperature	from +3°C to +65°C
Dimension (mm)	398 x 516

#### Material (in half casing in contact with the fluid) : PVDF

Product Fitting	G 2" f
Air Fitting	Ø 8mm
Operating Pressure	min 2 bar - max 8 bar
Application	Boxer 552
Weight	28.5kg
Operating Temperature	from +3°C to +95°C
Dimension (mm)	398 x 516



### EQUAFLUX 302

#### TECHNICAL SPECIFICATION

**Material (in half casing in contact with the fluid) : ALU**

<b>Product Fitting</b>	G 2" f
<b>Air Fitting</b>	Ø 8mm
<b>Operating Pressure</b>	min 2 bar - max 8 bar
<b>Application</b>	Boxer 502
<b>Weight</b>	26kg
<b>Operating Temperature</b>	from +3°C to +95°C
<b>Dimension (mm)</b>	56 x 352

**Material (in half casing in contact with the fluid) : AISI 316**

<b>Product Fitting</b>	G 2" f
<b>Air Fitting</b>	Ø 8mm
<b>Operating Pressure</b>	min 2 bar - max 8 bar
<b>Application</b>	Boxer 502
<b>Weight</b>	32kg
<b>Operating Temperature</b>	from +3°C to +95°C
<b>Dimension (mm)</b>	56 x 352



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### EQUAFLUX 303



### TECHNICAL SPECIFICATION

#### Material (in half casing in contact with the fluid) : PP

<b>Product Fitting</b>	G 3" f
<b>Air Fitting</b>	Ø 8mm
<b>Operating Pressure</b>	min 2 bar - max 8 bar
<b>Application</b>	Boxer 503
<b>Weight</b>	23kg
<b>Operating Temperature</b>	from +3°C to +65°C
<b>Dimension (mm)</b>	398 x 516

#### Material (in half casing in contact with the fluid) : PP + CF

<b>Product Fitting</b>	G 3" f
<b>Air Fitting</b>	Ø 8mm
<b>Operating Pressure</b>	min 2 bar - max 8 bar
<b>Application</b>	Boxer 503
<b>Weight</b>	23kg
<b>Operating Temperature</b>	from +3°C to +65°C
<b>Dimension (mm)</b>	398 x 516

#### Material (in half casing in contact with the fluid) : PVDF

<b>Product Fitting</b>	G 3" f
<b>Air Fitting</b>	Ø 8mm
<b>Operating Pressure</b>	min 2 bar - max 8 bar
<b>Application</b>	Boxer 503
<b>Weight</b>	28.5kg
<b>Operating Temperature</b>	from +3°C to +95°C
<b>Dimension (mm)</b>	398 x 516

## EQUAFLUX 303

### TECHNICAL SPECIFICATION

Material (in half casing in contact with the fluid) : ALU

Product Fitting	G 3" f
Air Fitting	Ø 8mm
Operating Pressure	min 2 bar - max 8 bar
Application	Boxer 503
Weight	29kg
Operating Temperature	from +3°C to +95°C
Dimension (mm)	356 x 352



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