



EQUAFLUX 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 Equaflux 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 Equaflux 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

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

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

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

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

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

EQUAFLUX 51

TECHNICAL SPECIFICATION

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

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

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

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



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EQUAFLUX 100

TECHNICAL SPECIFICATION



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

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

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

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

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

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

EQUAFLUX 100

TECHNICAL SPECIFICATION

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

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

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

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



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EQUAFLUX 200



TECHNICAL SPECIFICATION

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

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

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

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

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

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

EQUAFLUX RANGE

PNEUMATIC PULSATION DAMPENERS

EQUAFLUX 200

TECHNICAL SPECIFICATION

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

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

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

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

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

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

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



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EQUAFLUX 303



TECHNICAL SPECIFICATION

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

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

EQUAFLUX RANGE

PNEUMATIC PULSATION DAMPENERS

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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