

EQUAFLUX 51

AUTOMATIC PULSATION DAMPERS




- Product designed and constructed in Italy
- Operates with non-lubricated air
- High performance and strength
- Suitable for minimising pulsating flows
- Suitable for minimising vibrations during the operation of the pump



EQUAFLUX DAMPERS CODES ENCODING

ex. EQ100PCHTC

Equaflux 100 PP+CF, Hytrel®, air side diaphragm, PTFE product side diaphragm, conduct.

EQ100	PC	H	T	C
DAMPER CASING	DAMPER CASING	AIR-SIDE DIAPHRAGM	PRODUCT-SIDE DIAPHRAGM	CONDUCT VERSION
EQ 51 - Equaflux 51 EQ 100 - Equaflux 100 EQ 200 - Equaflux 200 EQ 302 - Equaflux 302 EQ 303 - Equaflux 303	P - Polypropylene FC - PVDF+CF R - PPS-V A - AISI 316 (excluded EQ 303) AL - Aluminium PC - PP + CF	H - Hytrel® M - Santoprene® D - EPDM N - NBR	T - PTFE	(zone 1)  II 2/2GD c IIB T135°C C - on request

The EQUAFLUX dampers are used with fluids with a high apparent viscosity, also with large suspended solids.

They adapt automatically to the system conditions, without any manual adjustments or calibrations. The high capacity of minimising pulsations, vibrations and water hammer renders this component ideal for protecting the system, providing a regular outlet flow.

EQUAFLUX 51

AUTOMATIC PULSATION DAMPERS



Specifications and types



STANDARD: II 3G Ex h IIB T4 Gc, II 3D Ex h IIIB T135°C Dc (zone 2)
CONDUCT: II 2G Ex h IIB T4 Gb, II 2D Ex h IIIB T135°C Db (zone 1)

PP



ALU



PVDF



AISI 316 L



Fitting Product	Air fitting	Operating pressure	Application	Material* (half-casing in contact with the fluid)	Weight	Operating time	Dim. (mm)
G 3/4"	Ø 6 mm	Min 2 Bar - Max 8 Bar	Midgetbox, Cubic15 Boxer7, Boxer15 Microboxer, Boxer35	Polypropylene	0.5 Kg	from +3°C to +65°C	121x117
G 3/4"	Ø 6 mm	Min 2 Bar - Max 8 Bar	Midgetbox, Cubic15 Boxer7, Boxer15 Microboxer, Boxer35	PP + CF	0.5 Kg	from +3°C to +65°C	121x117
G 3/4"	Ø 6 mm	Min 2 Bar - Max 8 Bar	Cubic15, Boxer7, Boxer15 Microboxer, Boxer35	PVDF	0.5 Kg	from +3°C to +95°C	121x117
G 3/4"	Ø 6 mm	Min 2 Bar - Max 8 Bar	Boxer7, Boxer15 Microboxer, Boxer35	PPS	0.6 Kg	from +3°C to +95°C	121x117
G 1/2"	Ø 6 mm	Min 2 Bar - Max 8 Bar	Boxer7, Boxer15 Microboxer, Boxer35	AISI 316 L	1.33 Kg	from +3°C to +95°C	133x117

*Material on request: • UHMWPE • POMc • DUPLEX/S.DUPLEX

AIR SIDE HALF-CASING MATERIAL

- PP
- PP+CF
- ALUMINIUM

DIAPHRAGM MATERIALS

- NBR
- EPDM
- Hytrel
- Santoprene
- PTFE

CAPS MATERIALS

- Polypropylene (with glass additive)
- Conductive polypropylene (with carbon additive)
- PVDF
- PPS
- Natural ECTFE
- AISI 316 L

PACKAGE

cardboard box
cm 14 x 19 x 14
weight 0.17 Kg

(the weight refers to the package only,
without the pump)

EQUAFLUX 100

AUTOMATIC PULSATION DAMPERS




- Product designed and constructed in Italy
- Operates with non-lubricated air
- High performance and strength
- Suitable for minimising pulsating flows
- Suitable for minimising vibrations during the operation of the pump



EQUAFLUX DAMPERS CODES ENCODING

ex. EQ100PCHTC

Equaflex 100 PP+CF, Hytrel®, air side diaphragm, PTFE product side diaphragm, conduct.

EQ100	PC	H	T	C
DAMPER CASING	DAMPER CASING	AIR-SIDE DIAPHRAGM	PRODUCT-SIDE DIAPHRAGM	CONDUCT VERSION
EQ 51 - Equaflex 51 EQ 100 - Equaflex 100 EQ 200 - Equaflex 200 EQ 302 - Equaflex 302 EQ 303 - Equaflex 303	P - Polypropylene FC - PVDF+CF R - PPS-V A - AISI 316 (excluded EQ 303) AL - Aluminium PC - PP + CF	H - Hytrel® M - Santoprene® D - EPDM N - NBR	T - PTFE	(zone 1)  II 2/2GD c IIB T135°C C - on request

The EQUAFLUX dampers are used with fluids with a high apparent viscosity, also with large suspended solids.

They adapt automatically to the system conditions, without any manual adjustments or calibrations. The high capacity of minimising pulsations, vibrations and water hammer renders this component ideal for protecting the system, providing a regular outlet flow.

EQUAFLUX 100

AUTOMATIC PULSATION DAMPERS



Specifications and types



STANDARD: II 3G Ex h IIB T4 Gc, II 3D Ex h IIIB T135°C Dc (zone 2)
CONDUCT: II 2G Ex h IIB T4 Gb, II 2D Ex h IIIB T135°C Db (zone 1)

PP



PPS



PVDF



AISI 316

Electropolished



Fitting Product	Air fitting	Operating pressure	Application	Material* (half-casing in contact with the fluid)	Weight	Operating time	Dim. (mm)
G 1"	Ø 6 mm	Min 2 Bar - Max 8 Bar	Boxer50, Boxer81	Polypropylene	1.5 Kg	from +3°C to +65°C	177x170
G 1"	Ø 6 mm	Min 2 Bar - Max 8 Bar	Boxer50, Boxer81	PP+CF	1.5 Kg	from +3°C to +65°C	177x170
G 1"	Ø 6 mm	Min 2 Bar - Max 8 Bar	Boxer50, Boxer81	PVDF	1.7 Kg	from +3°C to +95°C	177x170
G 1"	Ø 6 mm	Min 2 Bar - Max 8 Bar	Boxer50, Boxer90	PPS	1.7 Kg	from +3°C to +95°C	177x170
G 1"	Ø 6 mm	Min 2 Bar - Max 8 Bar	Miniboxer, Boxer81	AISI 316 steel AISI 316 steel	2.56 Kg	from +3°C to +95°C	183.2x151

*Material on request: • UHMWPE • POMc • DUPLEX/S.DUPLEX

AIR SIDE HALF-CASING MATERIAL

- PP
- PP+CF

DIAPHRAGM MATERIALS

- NBR
- EPDM
- Hytrel
- Santoprene
- PTFE

CAPS MATERIALS

- Polypropylene (with glass additive)
- Conductive polypropylene (with carbon additive)
- PVDF
- PPS
- Natural ECTFE
- AISI 316 L

PACKAGE

cardboard box
cm 19 x 19 x 21
weight 0.5 Kg

(the weight refers to the package only,
without the pump)

EQUAFLUX 200

AUTOMATIC PULSATION DAMPERS




- Product designed and constructed in Italy
- Operates with non-lubricated air
- High performance and strength
- Suitable for minimising pulsating flows
- Suitable for minimising vibrations during the operation of the pump



EQUAFLUX DAMPERS CODES ENCODING

ex. EQ100PCHTC

Equaflux 100 PP+CF, Hytrel®, air side diaphragm, PTFE product side diaphragm, conduct.

EQ100	PC	H	T	C
DAMPER CASING	DAMPER CASING	AIR-SIDE DIAPHRAGM	PRODUCT-SIDE DIAPHRAGM	CONDUCT VERSION
EQ 51 - Equaflux 51 EQ 100 - Equaflux 100 EQ 200 - Equaflux 200 EQ 302 - Equaflux 302 EQ 303 - Equaflux 303	P - Polypropylene FC - PVDF+CF R - PPS-V A - AISI 316 (excluded EQ 303) AL - Aluminium PC - PP + CF	H - Hytrel® M - Santoprene® D - EPDM N - NBR	T - PTFE	(zone 1)  II 2/2GD c IIB T135°C C - on request

The EQUAFLUX dampers are used with fluids with a high apparent viscosity, also with large suspended solids.

They adapt automatically to the system conditions, without any manual adjustments or calibrations. The high capacity of minimising pulsations, vibrations and water hammer renders this component ideal for protecting the system, providing a regular outlet flow.

EQUAFLUX 200

AUTOMATIC PULSATION DAMPERS



Specifications and types



STANDARD: II 3G Ex h IIB T4 Gc, II 3D Ex h IIIB T135°C Dc (zone 2)
CONDUCT: II 2G Ex h IIB T4 Gb, II 2D Ex h IIIB T135°C Db (zone 1)

PP



PPS



PVDF



AISI 316

Electropolished



Fitting Product	Air fitting	Operating pressure	Application	Material* (half-casing in contact with the fluid)	Weight	Operating time	Dim. (mm)
G 1"1/2	Ø 6 mm	Min 2 Bar - Max 8 Bar	Boxer100, Boxer150 Boxer251	Polypropylene	3.8 Kg	from +3°C to +65°C	283.2x254
G 1"1/2	Ø 6 mm	Min 2 Bar - Max 8 Bar	Boxer100, Boxer150 Boxer251	PP+CF	3.8 Kg	from +3°C to +65°C	283.2x254
G 1"1/2	Ø 6 mm	Min 2 Bar - Max 8 Bar	Boxer100, Boxer150 Boxer251	PVDF	4.5 Kg	from +3°C to +95°C	283.2x254
G 1"1/2	Ø 6 mm	Min 2 Bar - Max 8 Bar	Boxer100, Boxer150 Boxer251	PPS-V	4.5 Kg	from +3°C to +95°C	283.2x254
G 1"1/2	Ø 6 mm	Min 2 Bar - Max 8 Bar	Boxer100, Boxer150 Boxer252	AISI 316 steel AISI 316 steel	7.45 Kg	from +3°C to +95°C	264.7x254

*Material on request: • UHMWPE • POMc • DUPLEX/S.DUPLEX

AIR SIDE HALF-CASING MATERIAL

- PP
- PP+CF

DIAPHRAGM MATERIALS

- NBR
- EPDM
- Hytrel
- Santoprene
- PTFE

CAPS MATERIALS

- Polypropylene (with glass additive)
- Conductive polypropylene (with carbon additive)
- PVDF
- Natural ECTFE
- AISI 316 L
- Aluminium

PACKAGE

cardboard box
cm 27 x 27 x 31
weight 0.6 Kg

(the weight refers to the package only,
without the pump)

EQUAFLUX 302

AUTOMATIC PULSATION DAMPERS



Product designed and constructed in Italy

Operates with non-lubricated air

High performance and strength

Suitable for minimising pulsating flows


Suitable for minimising vibrations during the operation of the pump



EQUAFLUX DAMPERS CODES ENCODING

ex. EQ100PCHTC

Equaflex 100 PP+CF, Hytrel®, air side diaphragm, PTFE product side diaphragm, conduct.

EQ100	PC	H	T	C
DAMPER CASING	DAMPER CASING	AIR-SIDE DIAPHRAGM	PRODUCT-SIDE DIAPHRAGM	CONDUCT VERSION
EQ 51 - Equaflex 51 EQ 100 - Equaflex 100 EQ 200 - Equaflex 200 EQ 302 - Equaflex 302 EQ 303 - Equaflex 303	P - Polypropylene FC - PVDF+CF R - PPS-V A - AISI 316 (excluded EQ 303) AL - Aluminium PC - PP + CF	H - Hytrel® M - Santoprene® D - EPDM N - NBR	T - PTFE	(zone 1)  II 2/2GD c IIB T135°C C - on request

The EQUAFLUX dampers are used with fluids with a high apparent viscosity, also with large suspended solids.

They adapt automatically to the system conditions, without any manual adjustments or calibrations. The high capacity of minimising pulsations, vibrations and water hammer renders this component ideal for protecting the system, providing a regular outlet flow.

EQUAFLUX 302

AUTOMATIC PULSATION DAMPERS



Specifications and types



STANDARD: II 3G Ex h IIB T4 Gc, II 3D Ex h IIIB T135°C Dc (zone 2)
CONDUCT: II 2G Ex h IIB T4 Gb, II 2D Ex h IIIB T135°C Db (zone 1)

PP



ALU



PVDF



AISI 316
Electropolished



Fitting Product	Air fitting	Operating pressure	Application	Material* (half-casing in contact with the fluid)	Weight	Operating time	Dim. (mm)
G 2"	Ø 8 mm	Min 2 Bar - Max 8 Bar	Boxer522	Polypropylene	23 Kg	from +3°C to +65°C	398x516
G 2"	Ø 8 mm	Min 2 Bar - Max 8 Bar	Boxer522	PP + CF	23 Kg	from +3°C to +65°C	398x516
G 2"	Ø 8 mm	Min 2 Bar - Max 8 Bar	Boxer522	PVDF	28.5 Kg	from +3°C to +95°C	398x516
G 2"	Ø 8 mm	Min 2 Bar - Max 8 Bar	Boxer502	ALU	26 Kg	from +3°C to +95°C	356x352
G 2"	Ø 8 mm	Min 2 Bar - Max 8 Bar	Boxer502	AISI 316 steel AISI 316 steel	32 Kg	from +3°C to +95°C	356x352

*Material on request: • DUPLEX/S.DUPLEX

AIR SIDE HALF-CASING MATERIAL

- Central boxer 502/503 (PP)

DIAPHRAGM MATERIALS

- NBR
- EPDM
- Hytrel
- Santoprene
- PTFE

CAPS MATERIALS

- Polypropylene (with glass additive)
- Conductive polypropylene (with carbon additive)
- PVDF
- Aluminium
- AISI 316 L

PACKAGE

wooden crate
cm 62 x 44 x 57
weight 14 Kg

(the weight refers to the package only, without the pump)

EQUAFLUX 303

AUTOMATIC PULSATION DAMPERS



Product designed and constructed in Italy

Operates with non-lubricated air

High performance and strength

Suitable for minimising pulsating flows


Suitable for minimising vibrations during the operation of the pump



EQUAFLUX DAMPERS CODES ENCODING

ex. EQ100PCHTC

Equaflex 100 PP+CF, Hytrel®, air side diaphragm, PTFE product side diaphragm, conduct.

EQ100	PC	H	T	C
DAMPER CASING	DAMPER CASING	AIR-SIDE DIAPHRAGM	PRODUCT-SIDE DIAPHRAGM	CONDUCT VERSION
EQ 51 - Equaflex 51 EQ 100 - Equaflex 100 EQ 200 - Equaflex 200 EQ 302 - Equaflex 302 EQ 303 - Equaflex 303	P - Polypropylene FC - PVDF+CF R - PPS-V A - AISI 316 (excluded EQ 303) AL - Aluminium PC - PP + CF	H - Hytrel® M - Santoprene® D - EPDM N - NBR	T - PTFE	(zone 1)  II 2/2GD c IIB T135°C C - on request

The EQUAFLUX dampers are used with fluids with a high apparent viscosity, also with large suspended solids.

They adapt automatically to the system conditions, without any manual adjustments or calibrations. The high capacity of minimising pulsations, vibrations and water hammer renders this component ideal for protecting the system, providing a regular outlet flow.

EQUAFLUX 303

AUTOMATIC PULSATION DAMPERS



Specifications and types



STANDARD: II 3G Ex h IIB T4 Gc, II 3D Ex h IIIB T135°C Dc (zone 2)
CONDUCT: II 2G Ex h IIB T4 Gb, II 2D Ex h IIIB T135°C Db (zone 1)

PP



ALU



PVDF



Fitting Product	Air fitting	Operating pressure	Application	Material* (half-casing in contact with the fluid)	Weight	Operating time	Dim. (mm)
G 3"	Ø 8 mm	Min 2 Bar - Max 8 Bar	Boxer503	Polypropylene	23 Kg	from +3°C to +65°C	398x516
G 3"	Ø 8 mm	Min 2 Bar - Max 8 Bar	Boxer503	PP + CF	23 Kg	from +3°C to +65°C	398x516
G 3"	Ø 8 mm	Min 2 Bar - Max 8 Bar	Boxer503	PVDF	28.5 Kg	from +3°C to +95°C	398x516
G 3"	Ø 8 mm	Min 2 Bar - Max 8 Bar	Boxer503	ALU	29 Kg	from +3°C to +95°C	356X352

*Material on request: • DUPLEX/S.DUPLEX

AIR SIDE HALF-CASING MATERIAL

- Central boxer 502/503 (PP)

DIAPHRAGM MATERIALS

- NBR
- EPDM
- Hytrel
- Santoprene
- PTFE

CAPS MATERIALS

- Polypropylene (with glass additive)
- Conductive polypropylene (with carbon additive)
- PVDF
- Aluminium
- AISI 316 L

PACKAGE

wooden crate
cm 62 x 44 x 57
weight 14 Kg

(the weight refers to the package only,
without the pump)