piFLOW®fc

- ▶ Compact and modular design.

- ▶ COAX® technology.

- ▶ Energy efficient and low noise level.

- ▶ Easy to maintain and clean.

- ▶ The conveyor is designed according to USDA guidelines.

- ▶ Designed mainly for industries handling food, chemical and pharmaceutical products.

- ▶ Steel quality ASTM 304.

- ▶ Solution that contributes to dust-free conveying.

- ▶ The filter has filtration 0.5 µm

- ▶ Automatic filter cleaning.

- ▶ Fully pneumatic.

Specifications subject to change without notice.

▶ All material in direct contact with the conveyed product is in compliance with FDA and EC No. 1935/2004, EC No. 10/2011.
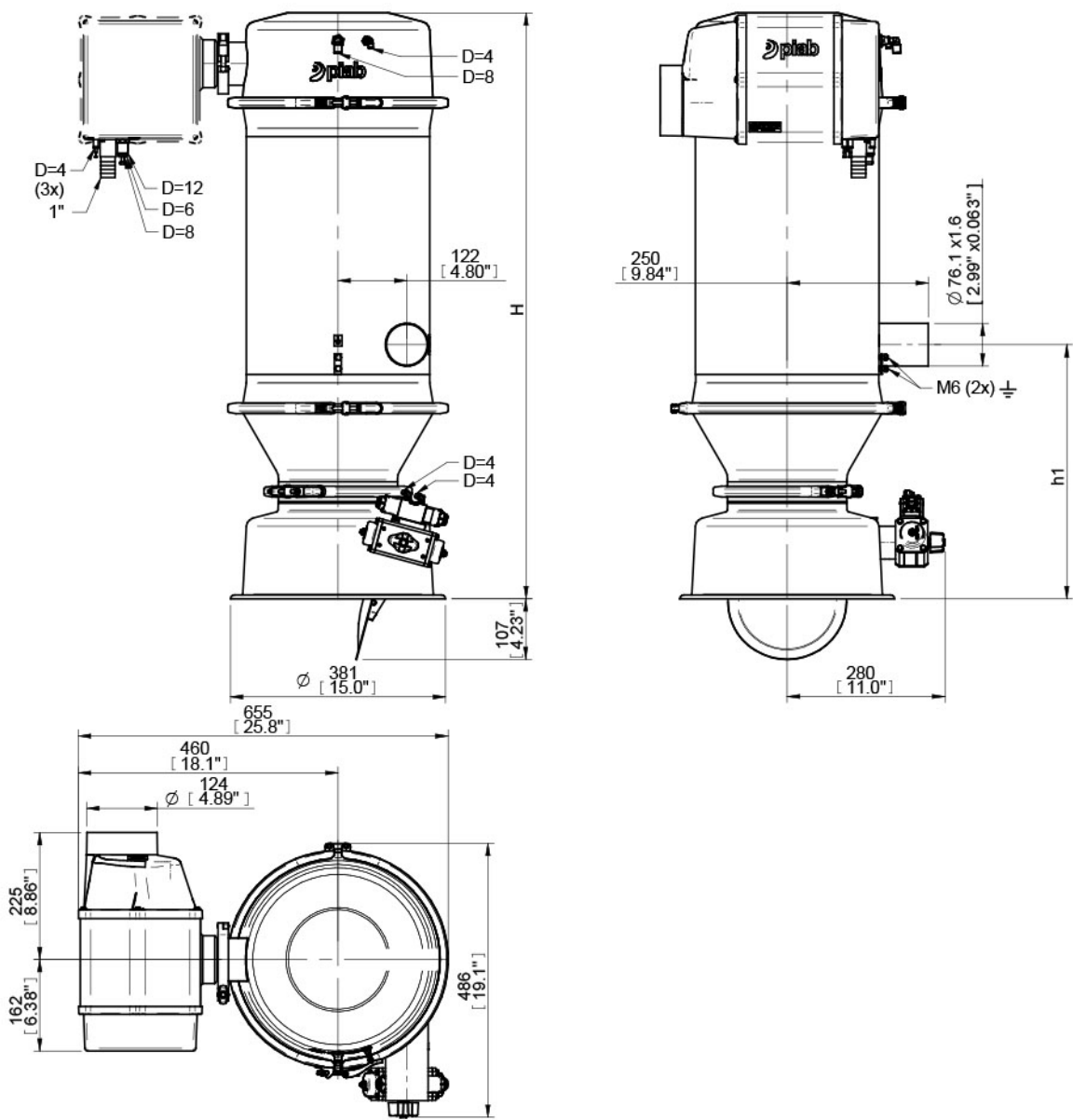
Technical data

Description	Unit	Value
Material		ASTM 304, ASTM 316L, Q, Q, NBR, PTFE, PET, PA, AI, SS, PP
Temperature range – conveyed material	°C	0-60
Temperature range - ambient	°C	5-50
Weight	kg	41
Finish – general surface	Ra	1.6
Finish – product contact surface	Ra	0.8
Feed pressure, max.	MPa	0.7
Feed pressure range	MPa	0.4-0.6
Air consumption range	Nl/s	30-42
Noise level range	dBA	69-77
Vacuum range	-kPa	60-75
Filter area	m²	0.90
Min particle size	μm	0.5
Material batch volume	l	14
Feed pressure range - control	MPa	0.4-0.6

Vacuum flow

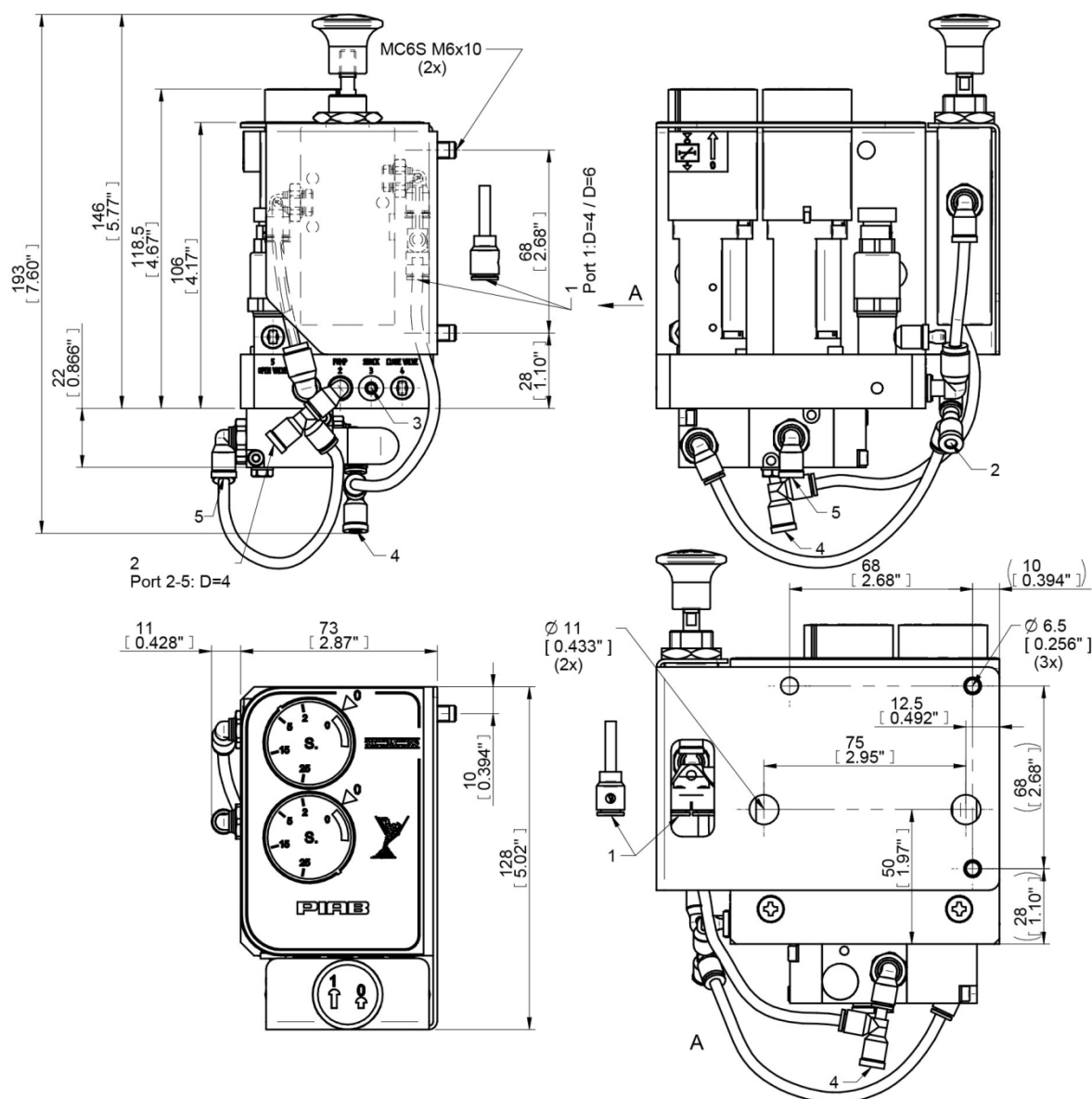| Feed pressure | Air consumption | Vacuum flow (Nl/s) at different vacuum levels (-kPa) | | | | | | | | Max vacuum |
MPa	Nl/s	0	10	20	30	40	50	60	70	-kPa
0.40	30	120	70	46	29	19.2	9.6	2.4	-	60
0.50	36	137	79	53	34	20.4	14.9	8.4	4.3	70
0.60	42	144	84	62	41	21.6	14.4	12.0	8.4	75

Ordering information

Description	Product code
piFLOW®fc, piPREMIUM600, Pleated filter 02, Hose Inlet Ø 51 (2"), Volume 14L, Cone opening, Control PPT/RS, Silicone & SS, No special documentation, Manual GB	FC.P60L.P2.51.14.CA.RS.QSS.0.GB

Specifications subject to change without notice.

piab

D=4
D=8

D=4
(3x)
1"
D=12
D=6
D=8

122
[4.80"]

H

250
[9.84"]

Ø 76.1 x1.6
[2.99" x0.063"]

M6 (2x)

h1

107
[4.23"]

Ø 381
[15.0"]

D=4
D=4

280
[11.0"]

655
[25.8"]

460
[18.1"]

124
Ø [4.89"]

225
[8.86"]

162
[6.38"]

486
[19.1"]

H	1038 [40.9'']
h1	450 [17.7'']

103
Ø [4.06"]

76.2
Ø [3.00"]

50.8
Ø [2.00"]

63
[2.48"]

63
[2.48"]

128
[5.04"]

130
[5.12"]

Specifications subject to change without notice.
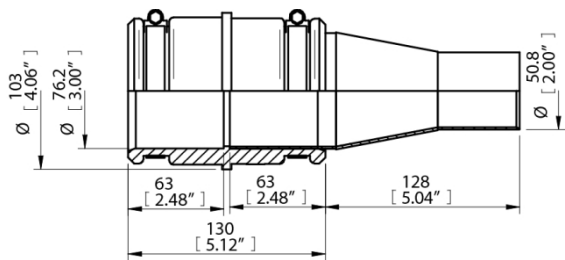
Ordering information, recommended spare parts

Description	Art. No.
Pleated filter L=198	0112310
Filter seal 125, Q	0206455
Module Filter plate seal 33 Q	0206451
Module Filter plate seal 21 Q FCM	0206449
Module seal 33 Q	0206450
Bottom valve seal 180 Q	0206454

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