

piFLOW® i



- ▶ Compact and modular design.
- ▶ Rubber and plastic materials in conveyor are antistatic.
- ▶ Enhanced material throughput capacity.
- ▶ Compliant with ATEX.
- ▶ COAX® technology.
- ▶ Energy efficient and low noise level.
- ▶ Easy to maintain and clean.
- ▶ Steel quality ASTM 304.
- ▶ Solution that contributes to dust-free conveying.
- ▶ The filter has filtration 0.5 µm
- ▶ Automatic filter cleaning.
- ▶ Fully pneumatic.

Technical data

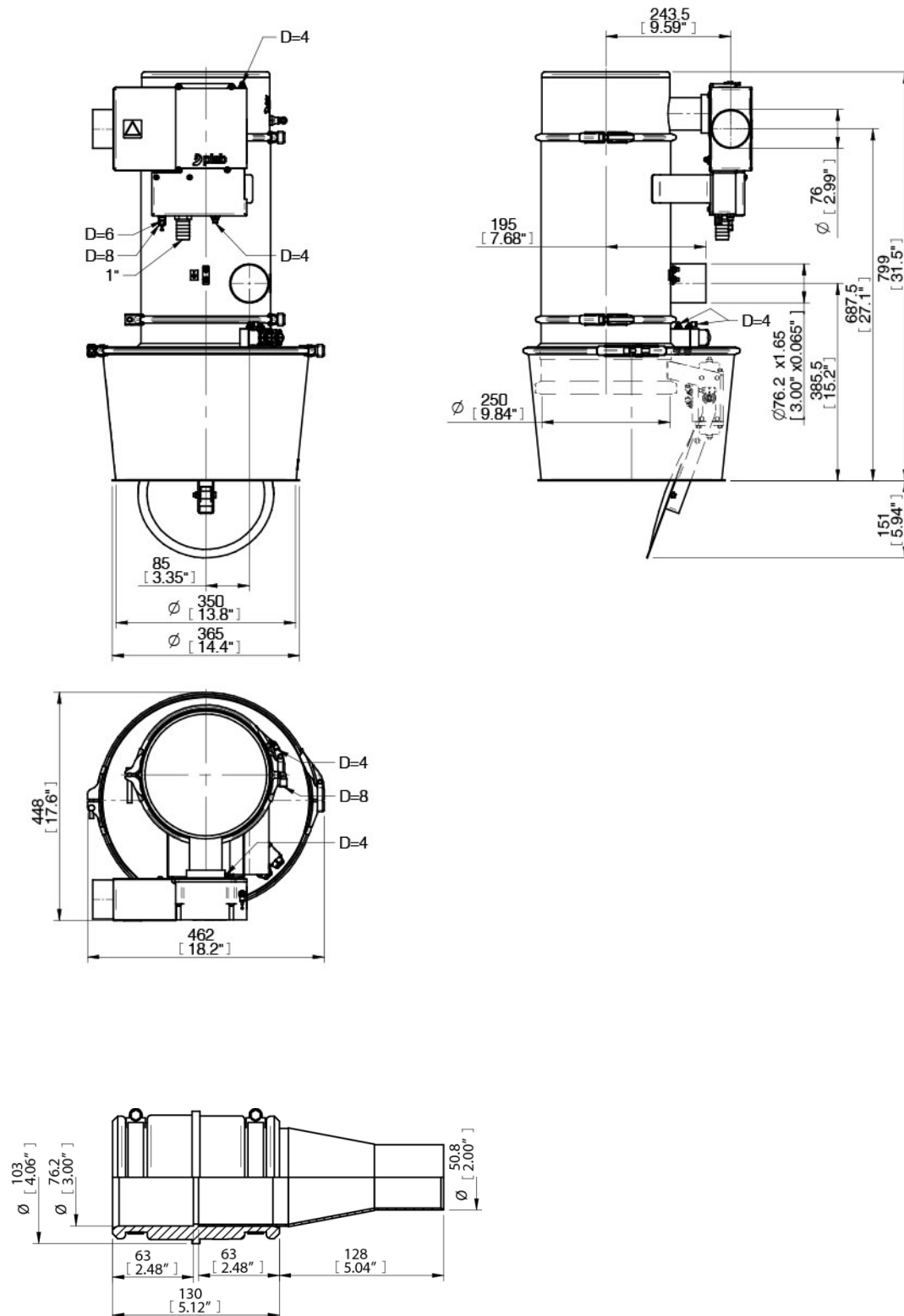
Description	Unit	Value
Material		ASTM 304, EPDM, NBR, PTFE, PET, PA, AI
Temperature range – conveyed material	°C	0-60
Temperature range - ambient	°C	5-50
Weight	kg	27
Finish – general surface	Ra	3.2
Finish – product contact surface excluding weldings	Ra	0.8
Feed pressure, max.	MPa	0.7
Feed pressure range	MPa	0.4-0.6
Air consumption range	NI/s	20-28
Noise level range	dBA	69-77
Vacuum range	-kPa	60-75
Filter area	m²	0.30
Min particle size	µm	0.5
Material batch volume	l	8
Feed pressure range - control	MPa	0.4-0.6

Vacuum flow

Feed pressure MPa	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)								Max vacuum -kPa
		0	10	20	30	40	50	60	70	
0.40	20	68	43	30	19.2	12.8	6.4	1.6	-	60
0.50	24	78	48	35	22.4	13.6	9.9	5.6	2.9	70
0.60	28	82	51	42	27	14.4	9.6	8.0	5.6	75

Ordering information

Description	Product code
piFLOW®i, piBASIC40D with exhaust Mk3, Pleated filter 02, Hose Inlet Ø 51 (2"), Volume 8L , Full opening, Control PPT/RS, Antistatic & AL, ATEX Dust, Manual DK	I.BA40D.P2.51.8AA.F.RS.AAL.EX.DK





Specifications subject to change without notice.