

piPREMIUM upgrade kit C21-100, C21-200, C21-400

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- The kit is a plug-and-play assembly for a quick changeover to replace the Maxi L pump and top module
- COAX® patented technology
- Side mounted for low building height
- High vacuum flow
- Compact size and low weight
- Low noise level
- Modular design
- Pneumatic valve for compressed air to shock tank and mounting plate for the C series are included

Technical data

Description	Unit	Value
Material		ASTM 316L, Al, SS, PA, PP, NBR
Temperature range	°F	32-140
Weight	lb	19.8
Feed pressure, max.	psi	101.5
Feed pressure, range	psi	58-87
Vacuum range	-inHg	18-22
Noise level	dBA	69-77

Technical data, specific

Description	Unit	Value		
		02.00.330	02.00.331	02.00.332
Air consumption, range	scfm	10.6-14.8	21.2-29.7	20-28

Vacuum flow piPREMIUM100

Feed pressure* psi	Air consumption scfm	Vacuum flow (scfm) at different vacuum levels (-inHg)									Max vacuum -inHg
		0	3	6	9	12	15	18	21		
58	10.6	42.4	24.6	16.1	10.2	6.78	3.39	0.85	—	18.0	
72.5	12.7	48.3	28.0	18.6	11.9	7.20	5.30	2.97	1.53	21.0	
87	14.8	50.9	29.7	22.0	14.4	7.63	5.09	4.24	2.97	22.2	

*Feed pressure tolerance, +/- 1.45 psi

Vacuum flow piPREMIUM200

Feed pressure* psi	Air consumption scfm	Vacuum flow (scfm) at different vacuum levels (-inHg)									Max vacuum -inHg
		0	3	6	9	12	15	18	21		
58	21.2	84.8	49.2	32.2	20.3	13.6	6.78	1.70	—	18.0	
72.5	25.4	97.5	55.1	37.3	23.7	14.4	10.6	5.93	2.97	21.0	
87	29.7	102	59.3	44.1	28.8	15.3	10.2	8.48	5.93	22.2	

*Feed pressure tolerance, +/- 1.45 psi

Vacuum flow piPREMIUM400

Feed pressure* psi	Air consumption scfm	Vacuum flow (scfm) at different vacuum levels (-inHg)								Max vacuum -inHg
		0	3	6	9	12	15	18	21	
58	42.4	136	89.0	63.6	40.7	27.1	13.6	3.39	—	18.0
72.5	50.9	155	97.5	74.2	47.5	28.8	21.0	11.9	6.14	21.0
87	59.3	163	102	89.0	57.2	30.5	20.3	17.0	11.9	22.2

*Feed pressure tolerance, +/- 1.45 psi

Ordering information

Description	Part No.
piPREMIUM upgrade kit C21-100	02.00.330
piPREMIUM upgrade kit C21-200	02.00.331
piPREMIUM upgrade kit C21-400	02.00.332

