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piCLASSIC

Upgraded with 22% more energy efficiency



No need to compromise

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Art. No. 0126054GB
Piab AB, 2011-05

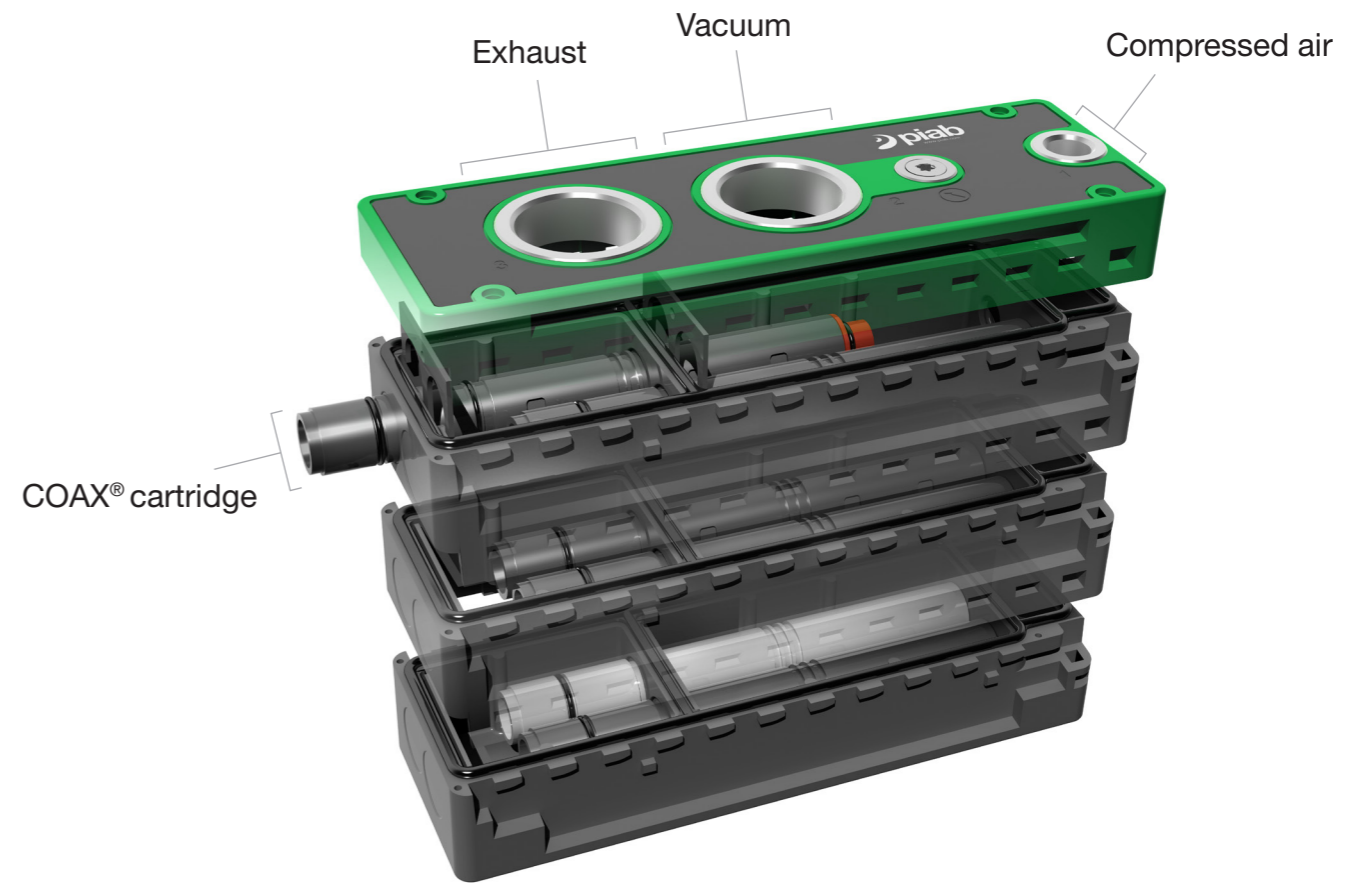
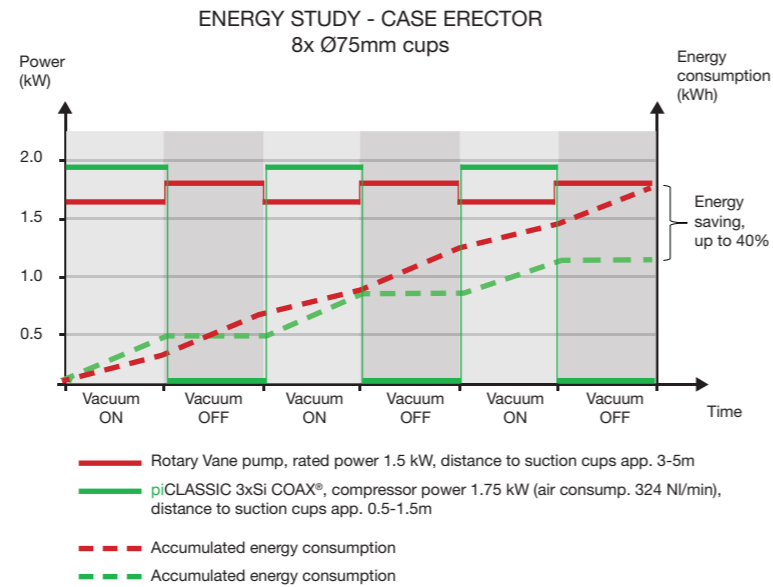
 **piab**

piCLASSIC

40% more energy efficient compared to a rotary vane style pump

Our Classic pump series has been upgraded to piCLASSIC with COAX® cartridges, providing an improvement up to 22% in energy efficiency.

- ▶ Available with 70% more vacuum flow capacity versus previous Classic models.
- ▶ High initial flow.
- ▶ No need for expensive vacuum tanks and vacuum valves on high-speed machines.
- ▶ Easy to control on/off for intermittent operation to save energy.
- ▶ Low weight (0.5-1kg) and new modular design.
- ▶ Easy to install close to suction point for reduced energy costs (smaller size of pump).
- ▶ Few moving parts – virtually no cost for service and repair.
- ▶ New design is easy to dismount and clean.
- ▶ Performance can easily be upgraded by adding cartridges (up to a total of 6).
- ▶ Available with extra energy saving function for sealed systems.



Technical information

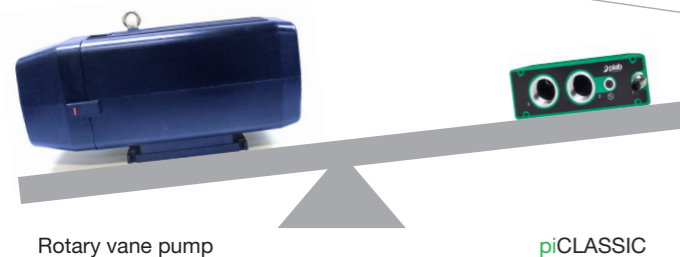
piCLASSIC vacuum cartridge	Area of application	Optimum feed pressure, MPa	Air consumption/ cartridge, NI/s	Max vacuum, -kPa	Vacuum flow range, 1-6 cartridges, NI/s	Rec. operating vacuum range, -kPa
Midi Si32-3	Leaking applications	0.6	1.75	75	6-28.8	0-70
Midi Pi48-3	Low or fluctuating comp. air	0.3	2.0	90	5.6-26.9	0-90
Midi Xi40-3	Sealed applications	0.45	1.83	95	5.9-28.3	70-95

Leaking applications include handling porous materials such as corrugated board. Sealed applications include handling non-porous materials such as glass and metal.

Configurable products

Product Group	COAX® cartridge module		Number of COAX®		COAX® valve configuration		Sealing material		Function		Compressed air connection		Vacuum connection		Accessories	
Code	Code	Description	Code	Description	Code	Description	Code	Description	Code	Description	Code	Description	Code	Description	Code	Description
PCL	S	COAX® cartridge Si32-3, high vacuum flow	1	Single unit	B	Standard	N	Nitrile	S	No function	A	G1/4" female	D	G3/4" female	X	No accessory
	X	COAX® cartridge Xi40-3, extra vacuum level	2	x2 units	A	Non-return valve	V	Viton	F	Energy saving system (ES)	E	1/4" NPT female	E	3/4" NPT female	S	Silencer G1" male
	P	COAX® cartridge Pi48-3, low feed pressure	3	x3 units							D	1/8" NPSF (G) female	B	G1" female	V	Vacuum gauge
			4	x4 units							08	Push in 8 mm (5/32")-1/4" female			SV	Silencer G1" male & vacuum gauge
			5	x5 units							10	Push in 10 mm-1/4" female				
			6	x6 units							12	Push in 12 mm-1/4" female				

PCL . S1BN . S . 10D . SV



Rotary vane pump

piCLASSIC

