



Restek Air

# Step Up to Rocker and Chemker Vacuum Pumps from Restek

- Quiet, reliable performance
- Oil-free and chemical resistant options
- Perfect for a wide range of applications



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# Reliable Performance for a Wide Range of Applications



## SPECIFICATIONS FOR ROCKER VACUUM PUMPS

Model	Rocker 300		Rocker 300DC	Rocker 400		Rocker 410		Rocker 500		Rocker 600		Rocker 610	
Voltage	110 V, 60 Hz	220 V, 50 Hz	DC 12 V	110 V, 60 Hz	220 V, 50 Hz	110 V, 60 Hz	220 V, 50 Hz	110 V, 60 Hz	220 V, 50 Hz	110 V, 60 Hz	220 V, 50 Hz	110 V, 60 Hz	220 V, 50 Hz
Max. power (W)	65	60	35	100	80	100	80	100	100	190	180	190	180
Max. current (A)	0.7	0.3	3	1.0	0.4	1.0	0.4	0.8	0.5	1.7	1	1.7	1
Max. vacuum	-670 mm Hg		-650 mm Hg	-670 mm Hg		-730 mm Hg		-650 mm Hg		-650 mm Hg		-730 mm Hg	
Max. flow rate	21 L/min	18 L/min	25 L/min	37 L/min	34 L/min	23 L/min	20 L/min	28 L/min	23 L/min	65 L/min	62 L/min	41 L/min	36 L/min
Moisture trap / vacuum regulator	Yes		Yes	Yes		Yes		-	-	Yes		Yes	
Overflow protection	Yes		Yes	Yes		Yes		-	-	Yes		Yes	
Motor rotation	1,700 rpm	1,450 rpm	1,800 rpm	1,750 rpm	1,450 rpm	1,750 rpm	1,450 rpm	3,200 rpm	3,000 rpm	1,700 rpm	1,450 rpm	1,700 rpm	1,450 rpm
Horsepower	1/8 HP		1/8 HP	1/6 HP		1/6 HP		1/8 HP		1/4 HP		1/4 HP	
Noise level	50 dB		50 dB	52 dB		52 dB		60 dB		62 dB		62 dB	
Port thread	5/16 inch (8 mm)		5/16 inch (8 mm)	5/16 inch (8 mm)		5/16 inch (8 mm)		5/16 inch (8 mm)		5/16 inch (8 mm)		5/16 inch (8 mm)	
Net weight	4.1 kg		3.5 kg	5.2 kg		5.2 kg		4.1 kg		7.6 kg		7.6 kg	
Dimensions (L x W x H)	27.2 x 12.1 x 16.5 cm		27.2 x 12.1 x 16.5 cm	29.8 x 14.3 x 17.2 cm		29.8 x 14.3 x 17.2 cm		29.8 x 14.3 x 17.2 cm		-		34.1 x 17.6 x 19.4 cm	

# Rocker Vacuum Pumps

- Oil-free vacuum pumps are piston powered, so they do not pollute the air and require minimal maintenance.
- Quiet, low-vibration units keep disturbances to a minimum.
- Built-in thermal protector automatically shuts off pump if it overheats and then restarts it once the unit is cool.
- Inlet filter traps particles and removes moisture, prolonging pump life.
- International CE and CSA certification.
- Applications include filtration for air sampling, microbiology, suspended solid test, and vacuum oven.
- Two-year pump warranty.

Description	Flow capacity	Voltage	each/ cat.#	Description	Flow capacity	Voltage	each/ cat.#
Rocker 300	21 L/min	AC110 V, 60 Hz	27424	Rocker 500	28 L/min	AC110 V, 60 Hz	27436
Rocker 300	18 L/min	AC220 V, 50 Hz	27425	Rocker 500	23 L/min	AC220 V, 50 Hz	27437
Rocker 300DC*	25 L/min	DC Power (12 V)	27447	Rocker 600	65 L/min	AC110 V, 60 Hz	27438
Rocker 400	37 L/min	AC110 V, 60 Hz	27432	Rocker 600	62 L/min	AC220 V, 50 Hz	27439
Rocker 400	34 L/min	AC220 V, 50 Hz	27433	Rocker 610	41 L/min	AC110 V, 60 Hz	27440
Rocker 410	23 L/min	AC110 V, 60 Hz	27434	Rocker 610	36 L/min	AC220 V, 50 Hz	27441
Rocker 410	20 L/min	AC220 V, 50 Hz	27435				

\*For use with automotive type 12 V battery.

## Accessories for Rocker Vacuum Pumps

Conversion Kits	kit/cat.#
Conversion Kit for Rocker 300/500 to 320/520 Includes: 1 hex spanner #10; 1 hex spanner #12; 1 L-type hex Allen key #3; 1 L-type hex Allen key #5; and 1 moisture trap/vacuum regulator for Rocker series compressor	27464
Conversion Kit for Rocker 400 to 420 Includes: 1 hex spanner #10; 1 hex spanner #12; 1 L-type hex Allen key #3; 1 L-type hex Allen key #5; and 1 moisture trap/vacuum regulator for Rocker series compressor	27465
Conversion Kit for Rocker 600 to 620 Includes: 1 hex spanner #14; 1 hex spanner #16; 1 L-type hex Allen key #5; 1 L-type hex Allen key #6; and 1 moisture trap/vacuum regulator for Rocker series compressor	27466
<b>Repair Kits</b>	<b>kit/cat.#</b>
Repair Kit for Rocker 300/500 (for PPS cylinder block) Includes: 1 on/off switch; 1 moisture trap with drain valve; 1 air filter [air outlet]; 2 rubber valve plates; 1 Prote filter cartridge [overflow protection] for Rocker 300/400/410/430; 1 connecting rod set; and 1 O-ring	27452
Repair Kit for Rocker 400 (for PPS cylinder block) Includes: 1 on/off switch; 1 moisture trap with drain valve; 2 air filters [air outlets]; 4 rubber valve plates; 1 Prote filter cartridge [overflow protection] for Rocker 300/400/410/430; 2 connecting rod sets; and 2 O-rings	27455
Repair Kit for Rocker 410 (new cylinder block) Includes: 1 on/off switch; 1 moisture trap with drain valve; 1 air filter [air outlet]; 4 rubber valve plates; 1 Prote filter cartridge [overflow protection] for Rocker 300/400/410/430; 2 connecting rod sets; and 2 O-rings	27456
Repair Kit for Rocker 600 Includes: 1 on/off switch; 1 moisture trap with drain valve; 2 air filters [air outlets]; 4 valve plates; 1 Prote filter cartridge [overflow protection] for Rocker 600/610; 2 piston sets; and 2 O-rings	27459
Repair Kit for Rocker 610 Includes: 1 on/off switch; 1 moisture trap with drain valve; 1 air filter [air outlet]; 4 valve plates; 1 Prote filter cartridge [overflow protection] for Rocker 600/610; 2 piston sets; and 2 O-rings	27467
<b>Traps</b>	<b>ea./cat.#</b>
Plastic Bottle Trap w/ Flow Regulator	27446
Vacuum Regulator/Moisture Trap for Rocker Compressor Series	27444
Vacuum Regulator/Moisture Trap for Rocker Vacuum Series	27442
<b>Tubing</b>	<b>ea./cat.#</b>
Silicone Tubing, 6 mm ID, 12 mm OD, 1 m length	27468
PVC Tubing (mesh style) for high vacuum pumps, 6.35 mm ID, 12.35 mm OD, 152 cm length Includes: two clamps	27469

# Chemker Vacuum Pumps

- PTFE wetted parts are highly resistant to corrosive gases.
- Diaphragm-based pump is low maintenance and virtually pollution free.
- Quiet, low-vibration units keep disturbances to a minimum.
- Built-in thermal protector automatically shuts off pump if it overheats and then restarts it once the unit is cool.
- International CE and CSA certification.
- Applications include vacuum filtration, gel electrophoresis, solid-phase extraction, and solvent purification.

Description	Flow capacity	Voltage	qty.	cat.#
Chemker 300 PTFE	20 L/min	AC110 V, 60 Hz	ea.	27426
Chemker 300 PTFE	18 L/min	AC220 V, 50 Hz	ea.	27427
Chemker 400 PTFE	38 L/min	AC110 V, 60 Hz	ea.	27428
Chemker 400 PTFE	33 L/min	AC220 V, 50 Hz	ea.	27429
Chemker 410 PTFE	20 L/min	AC110 V, 60 Hz	ea.	27430
Chemker 410 PTFE	18 L/min	AC220 V, 50 Hz	ea.	27431

## Accessories for Chemker Vacuum Pumps

Description	qty.	cat.#
Repair Kit for Chemker 300 Includes: 1 on/off switch; 1 diaphragm; 1 spring; 2 valve plates; and 3 O-rings	kit	27460
Repair Kit for Chemker 400 Includes: 1 on/off switch; 2 diaphragms; 2 springs; 4 valve plates; and 11 O-rings	kit	27461
Repair Kit for Chemker 410 Includes: 1 on/off switch; 2 diaphragms; 2 springs; 4 valve plates; and 6 O-rings	kit	27462
Vacuum Regulator/Moisture Trap for Chemker Series	ea.	27443
Silicone Tubing, 6 mm ID, 12 mm OD, 1 m length	ea.	27468
PVC Tubing (mesh style) for high vacuum pumps, 6.35 mm ID, 12.35 mm OD, 152 cm length Includes: two clamps	ea.	27469

## SPECIFICATIONS FOR CHEMKER VACUUM PUMPS

Model	Chemker 300		Chemker 400		Chemker 410	
	110 V, 60 Hz	220 V, 50 Hz	110 V, 60 Hz	220 V, 50 Hz	110 V, 60 Hz	220 V, 50 Hz
<b>Voltage</b>	110 V, 60 Hz	220 V, 50 Hz	110 V, 60 Hz	220 V, 50 Hz	110 V, 60 Hz	220 V, 50 Hz
<b>Max. power (W)</b>	70	60	90	90	90	90
<b>Max. current (A)</b>	0.8	0.32	1.1	0.5	1.2	0.5
<b>Max. vacuum</b>	-670 mm Hg		-670 mm Hg		-750 mm Hg	
<b>Max. flow rate</b>	20 L/min	18 L/min	38 L/min	33 L/min	20 L/min	18 L/min
<b>Motor rotation</b>	1,700 rpm	1,450 rpm	1,700 rpm	1,450 rpm	1,700 rpm	1,450 rpm
<b>Horsepower</b>	1/8 HP		1/6 HP		1/6 HP	
<b>Noise level</b>	50 dB		50 dB		50 dB	
<b>Port thread</b>	5/16 inch (8 mm)		5/16 inch (8 mm)		5/16 inch (8 mm)	
<b>Net weight</b>	5.0 kg		7.0 kg		7.0 kg	
<b>Dimensions (L x W x H)</b>	20.3 x 11.2 x 20.9 cm		26.7 x 11.2 x 18.1 cm		26.2 x 14.8 x 18.2 cm	



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