



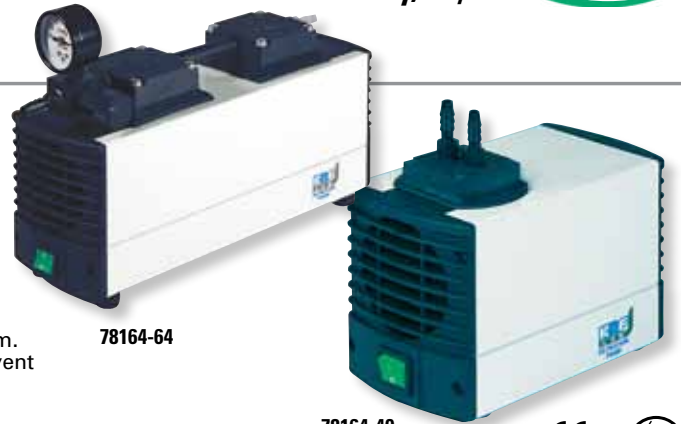
KNF® LABOPORT® Filtration Pumps

Great for vacuum filtration, blotting, and solid phase extraction

- Lightweight but rugged design minimizes downtime for repairs
- No wetted metal parts in the pump head for corrosion protection
- Corrosion-resistant materials meet your demanding applications

A patented multi port valve design tolerates occasional liquids drawn into the vacuum system. All wetted materials are made of chemical resistant resins including PPS, PTFE, and Kalrez®. Order a pump with a high-quality, smoothly dampened brass vacuum/pressure gauge and a bleeder valve to have precise control of the vacuum system. Typical applications include bottle-top filtration, manifold filtration, solvent degassing, and desiccation.

What's included: power cord and plug.



78164-64

78164-40



Specifications

Max temperature: 105°F (40°C)

Duty cycle: continuous

Catalog number	Head configuration	Free air capacity cfm (L/min)	Max vacuum * Hg (Torr)	Max pressure psi (bar)	Wetted materials	hp	Port size	Power (VAC)	Amps	Dimensions (L x W x H)	Price
SN-78164-40	Single head	0.4 (11.5)	24.4 (218)	30 (2.07)	Ryton® PPS, PTFE, Kalrez	1/10	1/4" hose barb	115	1.3	7 1/8" x 3 1/2" x 2 3/4"	
SN-78164-42		0.4 (11.5)	22.9 (180)	30 (2.07)	Ryton® PPS, EDPM	1/10	1/4" hose barb	115	1.3	7 1/8" x 3 1/2" x 2 3/4"	
SN-78164-44		0.45 (13)	27.0 (75)	30 (2.07)	Ryton® PPS, PTFE, Viton	1/10	1/4" hose barb	115	1.3	7 1/8" x 3 1/2" x 2 3/4"	
SN-78164-46	Dual head/Series	0.6 (16)	29.4 (15)	7.4 (0.51)	Ryton® PPS, PTFE, Kalrez	1/8	1/4" hose barb	115	0.9	14 1/8" x 5 1/2" x 3 1/2"	
SN-78164-48	Dual head/Parallel	1.1 (30)	25.3 (120)	7.4 (0.51)	Ryton® PPS, PTFE, Kalrez	1/8	1/4" hose barb	115	0.9	14 1/8" x 5 1/2" x 3 1/2"	
SN-78164-60 [†]	Single head	0.19 (5.5)	25.3 (120)	35 (2.41)	Ryton® PPS, PTFE, Kalrez	1/12	1/4" hose barb	115	1.2	6 1/2" x 3 3/4" x 5 3/4"	
SN-78164-62 [‡]		0.45 (13)	27.0 (75)	30 (2.07)	Ryton® PPS, PTFE, Viton	1/10	1/4" hose barb	115	1.3	7 1/8" x 3 1/2" x 2 3/4"	
SN-78164-64 [‡]	Dual head/series	0.6 (16)	29.4 (15)	7.4 (0.51)	Ryton® PPS, PTFE, Kalrez	1/12	1/4" hose barb	115	0.9	14 1/8" x 5 1/2" x 3 1/2"	

[†]Pump includes 6-mm hose barbs

[‡]Pump comes with vacuum gauge and regulator.

Standard-Duty Dry Vacuum Piston Pumps

Great for filtering, aspirating, degassing, and desiccating

- Oil-free vacuum pumps for Life Science applications
- Water trap prevents liquid from being drawn into the pump
- Muffler provides quiet operation

Use the convenient gauge and control knob to adjust vacuum level. Single-head models also provide pressure. Avoid using pump with organic, acidic, or basic vapors.

What's included: Gauge, control knob, water trap, carrying handle, suction cup feet, on/off switch, two 1/4" barbed fittings, and a 6-ft (1.8-m) cord (115 VAC models come with a standard US plug; 230 VAC models come with a European (Schuko) plug).

Service kits include all components commonly required for refurbishment.



79204-00

79204-70

Specifications

Wetted parts: aluminum (treated for corrosion resistance), stainless steel, and PTFE

Maximum operating temperature: 104°F (40°C)

Duty cycle: continuous

Port size: 1/4" ID hose barb

Dimensions: 8" L x 8 13/16" W x 10" H



Catalog number	Free-air capacity cfm (L/min)	Ultimate [†] vacuum	Maximum pressure	Motor		Noise rating	Port size (tube ID)	Power (VAC, Hz)	Amps	Price	Service kits	
				Type [‡]	hp						Catalog number	Price
Single-head pumps												
SN-79204-00	0.76 (22)	26.0" Hg (100 Torr)	100 psig (6.89 bar)	SP	1/8	62 dB(A)	1/4"	115, 60	0.8		SN-79204-01	
SN-79204-05	0.67 (19)	27.2" Hg (70 Torr)	50 psig (3.45 bar)					230,50	0.4			
SN-79204-10	1.20 (34)	27.2" Hg (70 Torr)	50 psig (3.45 bar)	PSC	1/4		1/4"	115, 60	0.8		SN-79204-11	
SN-79204-15	0.99 (28)	27.6" Hg (60 Torr)	100 psig (6.89 bar)					230,50	0.4			
SN-79204-20	1.60 (45)	27.6" Hg (60 Torr)	100 psig (6.89 bar)	PSC	1/4	1/4"	115, 60	1.6		SN-79204-21		
SN-79204-25	1.34 (38)	27.6" Hg (60 Torr)	100 psig (6.89 bar)				230,50	0.8				
Dual-head pumps												
SN-79204-30	2.1 (60)	29.8" Hg (5 Torr)	—	PSC	1/3	58 dB(A)	3/8"	115, 60	2.2		SN-79204-31	
SN-79204-35	1.8 (50)	27.6" Hg (60 Torr)	—					230,50	1.1			
SN-79204-70	7.1 (201)	27.6" Hg (60 Torr)	—	PSC	1/3		3/8"	115, 60	2.2		SN-79204-51	
SN-79204-75	5.9 (168)	27.6" Hg (60 Torr)	—					230,50	1.1			

[†]Ultimate total vacuum

[‡]Motor type: SP = split phase, PSC = permanent split capacitor

SN-06413-20 Tygon® vacuum tubing, 1/4" ID x 5/8" OD. Pack of 10 ft (3.0 m)