

VACUUM PUMP SYSTEM SC 920 G

DATA SHEET E 296



Technical features

- Remote-controlled for safe operation from outside closed fume hoods
- Automatic, accurate recognition and monitoring of the boiling point using the integrated ramp function
- High recovery rates even with low boiling point solvents
- Integrated gas ballast valve
- Speed-controlled
- Quiet operation
- Optimized suction capacity
- PPS pump head combined with PTFE-coated diaphragm are ideal for aggressive/corrosive gases and vapors

Technical data

Flow rate [m³/h] at atm. pressure	1.26
Flow rate [l/min] at atm. pressure	21
Ultimate vacuum [mbar abs.]	2.0 < 5.0 with gas ballast valve in use
Nominal voltage [V]	100 – 240
Frequency [Hz]	50 – 60
Power P ₁ [W]	max. 135
Operating current [A]	max. 1.7
With overcurrent protection and main fuse	

OTHER DATA

Total weight [kg]	15.2
Hose connections:	
– pneumatic	ID 10
– for coolants	ID 8
– for inert gas	ID 6
Dimensions W x H x D [mm]	366 x 423 x 294
Gas ballast valve	Yes
Size of the separators [ml]	500
USB connection	Mini-USB
Permissible media and ambient temperature [°C]	+5 ... +40

MATERIALS

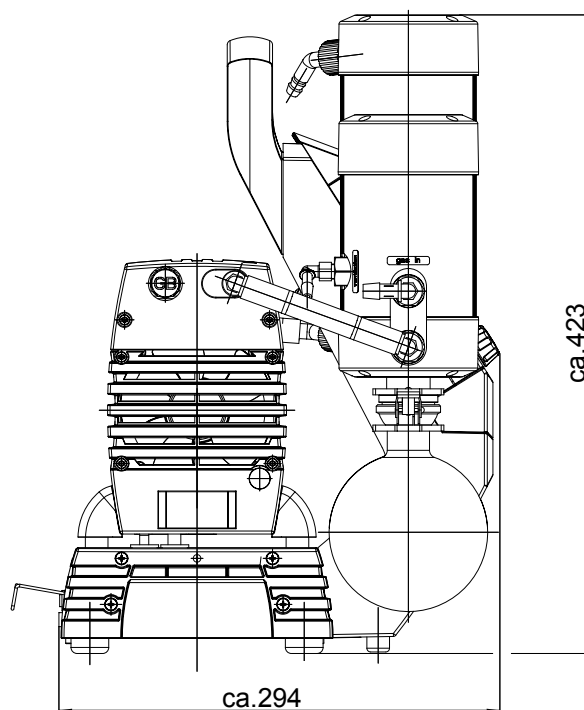
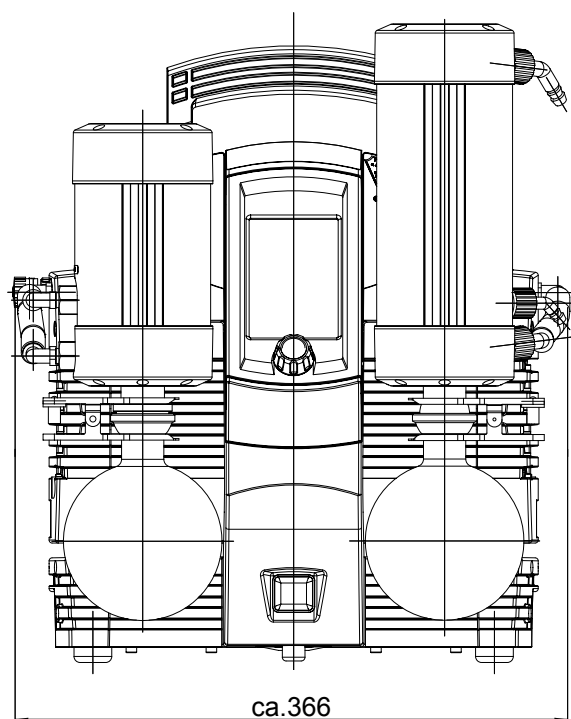
Pump head	PPS
Diaphragm	PTFE-coated
Valves	FFPM
Separators	plastic-coated glass

REMOTE CONTROL UNIT

Quantity	1
Display	LCD
Wireless range	– About 50 m without obstacles – About 10 m through walls
Power supply	Through integrated batteries or included power supply
Battery service life	Up to 12 hours
Charging time	About 7 hours
Operation	Touchscreen/Control knob

Dimensions

SC 920 G



ACCESSORIES	ID
Coolant valve – G 1/2, ID 8	117121
Column fixture for remote control unit	120132
Wall fixture for remote control unit	120130
Chemical-resistant protective film for remote control's display	117407
Charging station	129478

Combination possibilities



YOUR LOCAL PARTNER AROUND THE WORLD

KNF SALES ORGANIZATION

Australia KNF Regional Office

Moreland West VIC 3055
Tel. +61 3 9386 4959
info@knf.com.au
www.knf.com.au

Benelux Netherlands KNF Verder B.V.

3451 GG Vleuten
Tel. +31 30 677 92 40
info@knf-verder.nl
www.knf-verder.nl

Benelux Belgium and Luxemburg

KNF Verder N.V.
2630 Aartselaar
Tel. +32 3 871 96 24
info@knf.be
www.knf.be

China KNF Technology (Shanghai) Co., Ltd.

Shanghai 201203
Tel. +86 21 5109 9695
info@knf.com.cn
www.knf.com.cn

France KNF Neuberger SAS

68128 Village-Neuf
Tel. +33 389 70 35 00
info@knf.fr
www.knf.fr

Germany KNF Neuberger GmbH

79112 Freiburg
Tel. +49 7664 5909 0
info@knf.de
www.knf.de

India KNF Pumps + Systems (India) Pvt. Ltd.

Hinjewadi Pune 411 057
Tel. +91 20 640 13 923
info@knfpumps.in
www.knfpumps.in

Italy KNF Italia S.r.l.

20063 Cernusco s. Naviglio (MI)
Tel. +39 02 929 04 91
info@knf.it
www.knf.it

Japan KNF Japan Co. Ltd.

Tokyo 104-0033
Tel. +81 3 3551 7931
info@knf.co.jp
www.knf.co.jp

Korea KNF Neuberger Ltd.

135-502 Seoul
Tel. +82 2 959 0255
knf@knfkorea.com
www.knfkorea.com

Latin America KNF Regional Office

Tel. +1 609 649 1010
gb@knf.com
www.knf.com/es

Morocco, Tunisia, Algeria

KNF Neuberger SAS
68128 Village-Neuf
Tel. +33 389 70 35 00
info@knf.fr
www.knf.fr

Singapore KNF Regional Office

Tel. +65 9722 1994
info@knf.com.sg
www.knf.com.sg

Sweden, Finland, Denmark, Norway

KNF Neuberger AB
117 43 Stockholm
Tel. +46 8 744 51 13
info@knf.se
www.knf.se

Switzerland KNF Neuberger AG

8362 Balzerswil
Tel. +41 71 973 99 30
knf@knf.ch
www.knf.ch

UK, Ireland KNF Neuberger U.K., Ltd.

Witney, Oxfordshire OX28 4FA
Tel. +44 1993 77 83 73
info@knf.co.uk
www.knf.co.uk

USA, Canada KNF Neuberger, Inc.

Trenton, NJ 08691-1810
Tel. +1 609 890 8600
knfusa@knf.com
www.knfusa.com

KNF PRODUCT CENTERS

Gas Pumps KNF Neuberger GmbH

DE-79112 Freiburg
info@knf.de
www.knf.de

Micro Gas Pumps KNF Micro AG

CH-6260 Reiden
info@knf-micro.ch
www.knf-micro.ch

Liquid Pumps KNF Flodos AG

CH-6210 Sursee
info@knf-flodos.ch
www.knf-flodos.ch