



## Multi-User Vacuum Systems for up to ten users



### LABOBASE® Chemically-resistant Vacuum Systems for Multi-User

#### Technical features:

- Maintenance-free
- Silent
- More room on the laboratory bench
- Fully-automatic vacuum generation for several users
- Vacuum supply points with regulated tapping
- Simple connection to the line power (power plug) and to the pneumatic system
- Environmentally friendly
- Chemically-resistant

## Fully-automatic Base Vacuum Station

### The concept

A fully-automatic, chemically-resistant base unit supplies vacuum for several laboratory workplaces. This reduces costs and makes more space available on the laboratory bench. The base unit switches itself off automatically when no vacuum is required.

### The base vacuum station - compact and fully-automatic

All components of the base unit are located compactly on a base plate.

The vacuum controller of the base station regulates the vacuum pump and the coolant valve at the high-performance condenser.

#### The controller is capable of determining:

- lower threshold value (pressure in mbar), the pump switches off
- upper threshold value (pressure in mbar), the pump starts
- switch-off delay (in minutes)
- delay time of the coolant circuit (in minutes)

### LABOBASE® base vacuum station - all components on a base plate

System, base vacuum station	Flow rate (l/min) <sup>1)</sup>	Ultimate vacuum (mbar abs)	Pneumatic connections for tube ID	Weight (kg)	Included in the system vacuum pump	Components (same for all base vacuum station)
SBC 840	34	8	10 mm	22.6	N 840.3 FT.18	<b>Base plate, separator, high performance condenser, vacuum controller, valves and electrical supply unit.</b>
SBC 860	60	2	10 mm	25.0	N 860.3 FT.18	

<sup>1)</sup> at atm. pressure

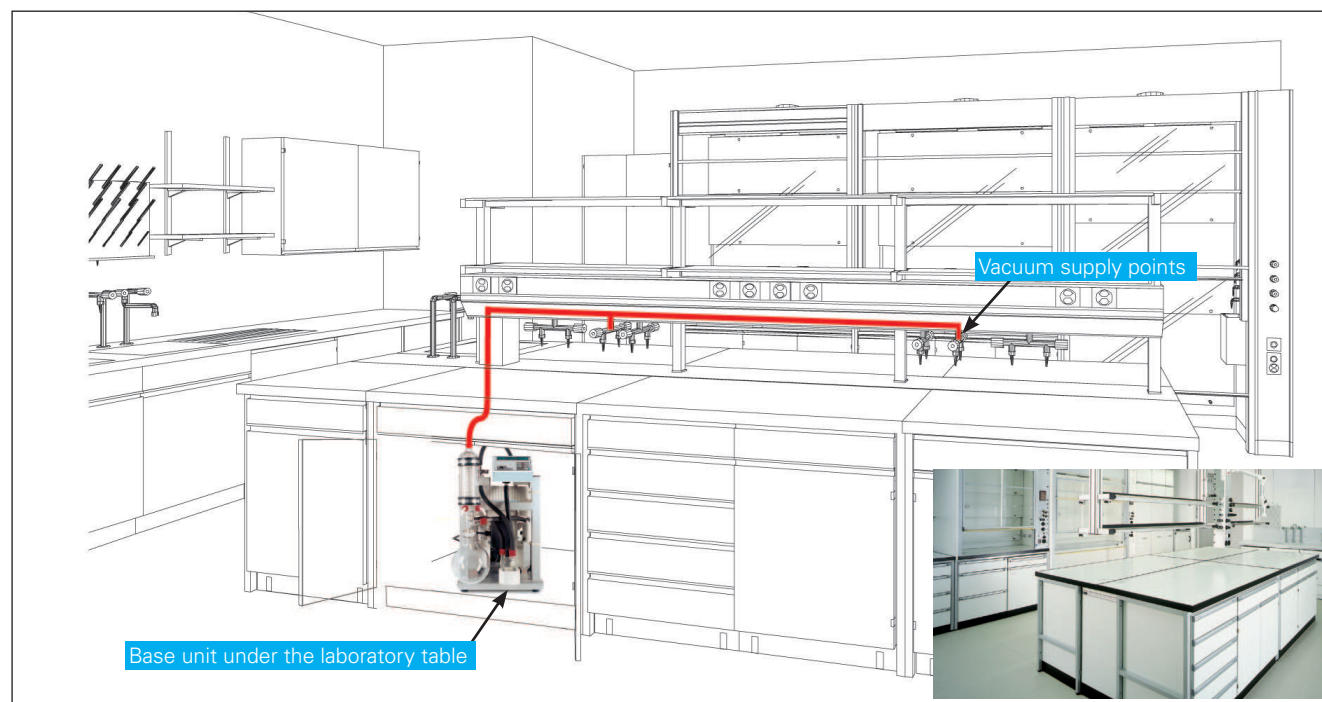
### Accessories for LABOBASE® base vacuum station

Order No.	Description	Details
045886	Gas washing bottle	0.5 liter
045075	Coolant valve	G 1/2, ID 8

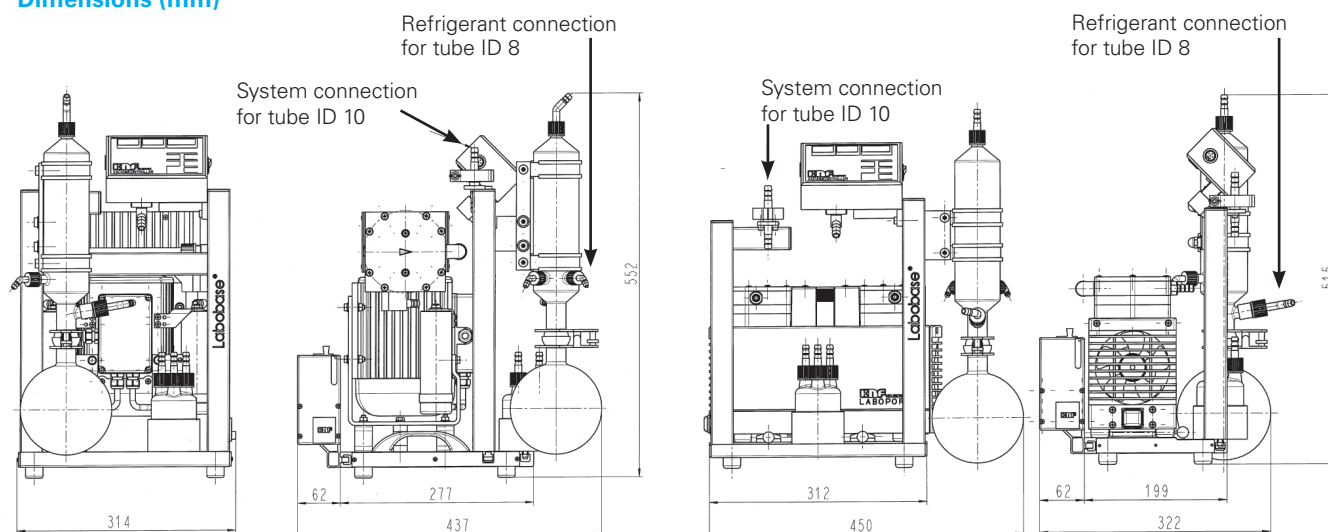


# Multi-User Vacuum Systems for up to ten users

Easily built into laboratories



## Dimensions (mm)



## System SBC 860

## System SBC 840

## Vacuum supply points for LABOBASE® systems

Order No.	Description	Details	Picture-No. (see the next pages)
118366	non-return valve	unregulated, for safety cabinets (PE-HD)	1
118364	vacuum supply point	for safety cabinets (PPS)	2
118362	vacuum supply point	unregulated, for installation in laboratory equipment (PPS)	3
048459	mobile controller unit	for regulated vacuum supply (chemically-resistant)	4

For more information on vacuum supply points, refer to the following pages!



# Multi-User Vacuum Systems for up to ten users

## Vacuum Supply Points for retrofitting or planning laboratories

Vacuum supply points ...



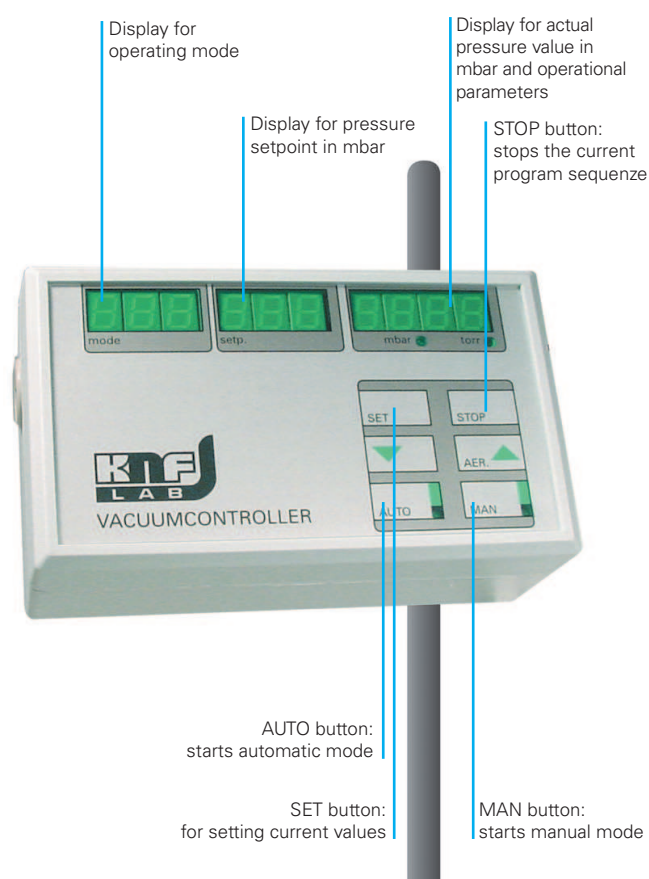
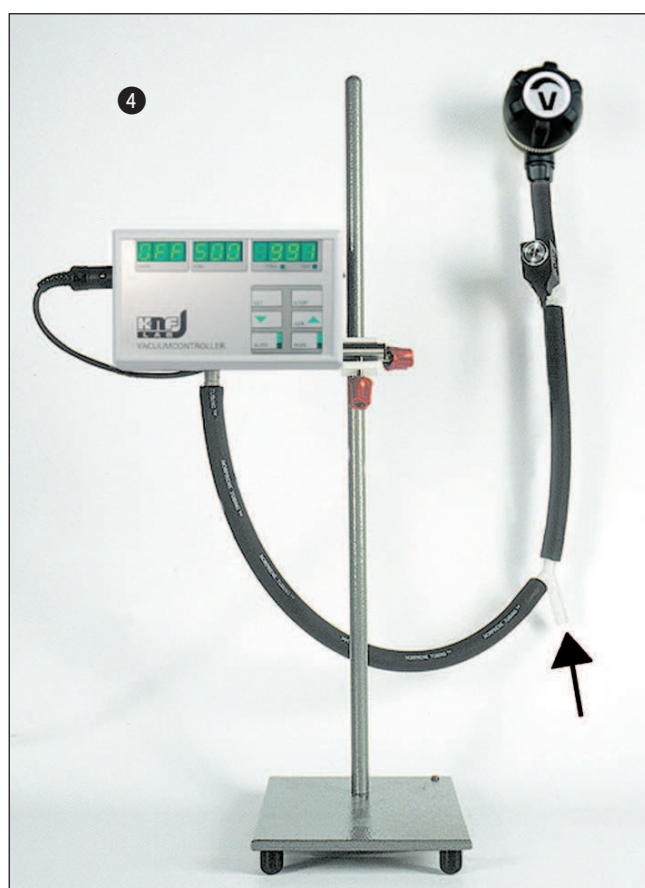
### Features of vacuum supply points:

- With integrated non-return valve
- Cleaning and service without tools
- Ergonomic
- Safety by overturn
- Modular
- Variable tubework and pipework
- High level of gas tightness of the PTFE pipe fitting
- Chemically-resistant

### Legend

- ① + ② Supply points for safety cabinets: regulation with integrated non-return valve and the vacuum supply relating to them
- ③ Supply points for installation with integrated non-return valve
- ④ Regulated vacuum supply point or customer-specific solutions on request

## Mobile Vacuum Controller Unit for regulated extraction of vacuum with high flexibility

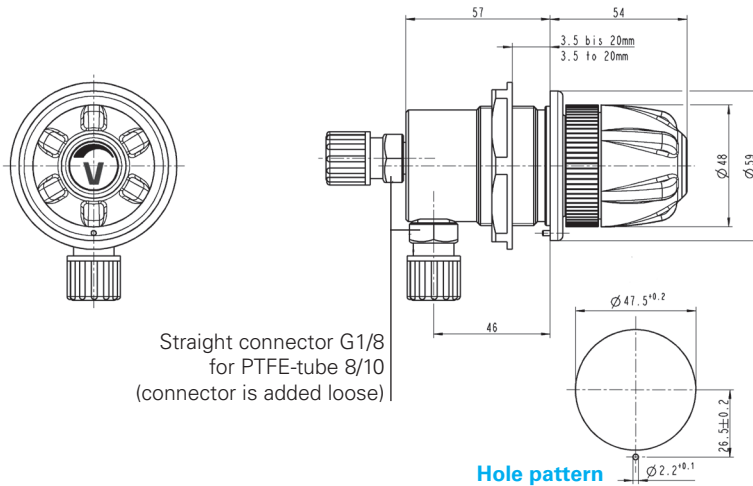




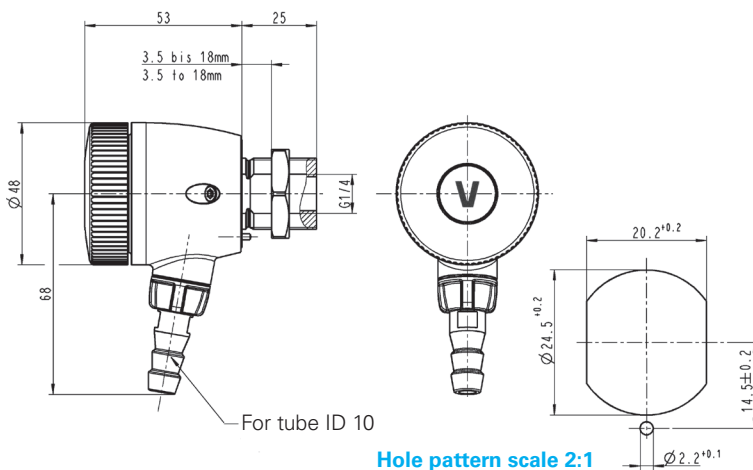
# Multi-User Vacuum Systems for up to ten users

## Installation dimensions of the vacuum supply points

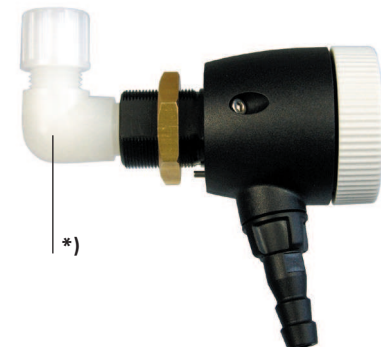
### Vacuum supply point for installation in safety cabinets



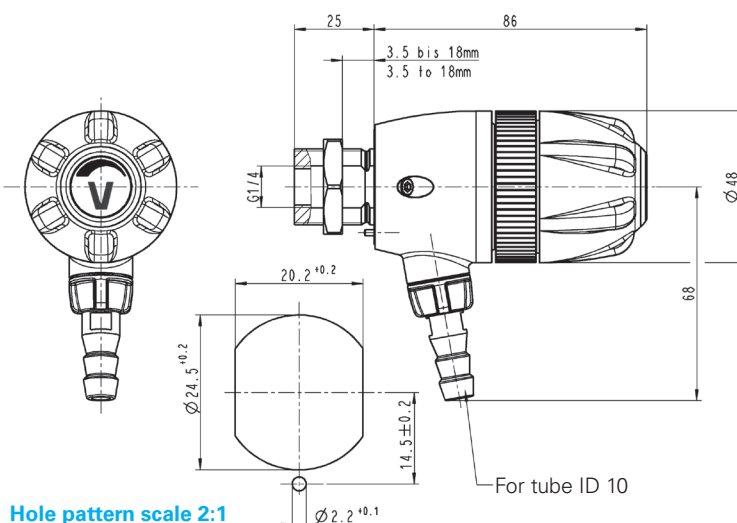
#### 1 Regulation valves



#### 2 Vacuum supply point



### Vacuum supply point for installation at the service panel



#### 3



\*) Angel straight connector (Accessories), mounting example

For further information, please request detailed scale drawings.



# 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