

PRODUCT PREVIEW



- KV INCREASED UP TO 3,5
- NEW ADJUSTEMENT 20-55 °C



- FOR GENERATORS WITH INTEGRATED REGULATION
- DIRECT SUPPLY WITHOUT TEMPERATURE REGULATION



IMMEDIATE  
REVERSIBILITY



OFFSET  
FITTING



M4 THREADED CONNECTION  
FOR SAFETY THERMOSTAT

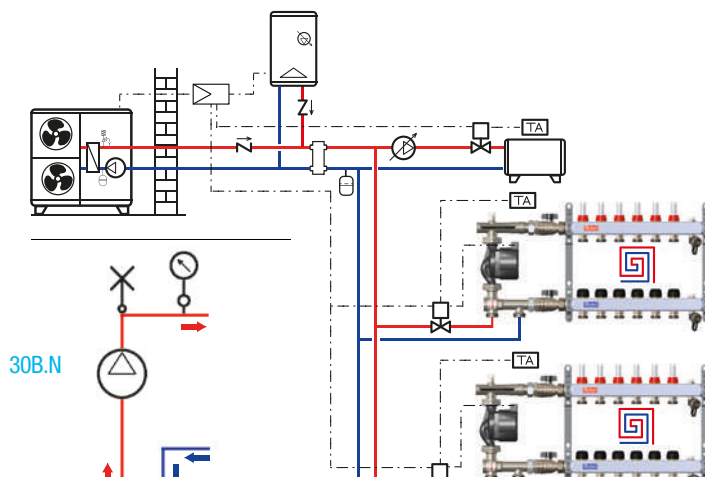
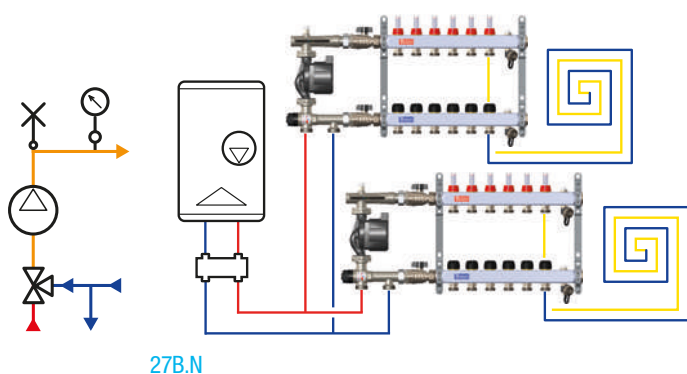
**NEW** 27B & 30B

RECESSED REGULATING AND DISTRIBUTION GROUPS



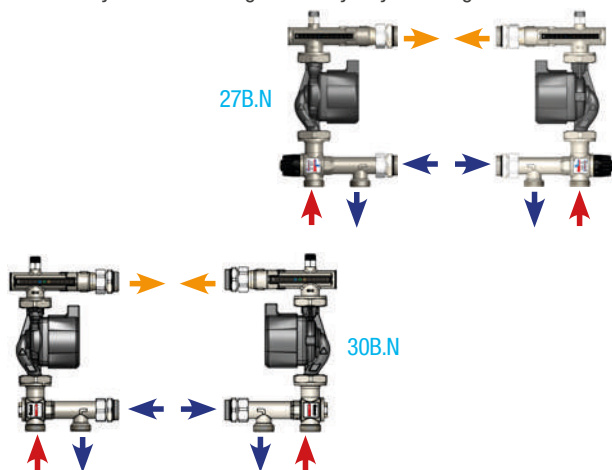
## DESCRIPTION

- ▶ **27B.N:** pre-assembled pump group for fixed point regulation and circulation of mixed fluid. Allows the circulation of the thermal fluid, coming from the primary circuit, by keeping the temperature at a pre-set value (fixed point) through the help of a mixing valve with thermostatic element. It is used in heating systems in general and radiant panel systems. The group is composed of a pump, thermostatic mixing valve, flow LCD thermometers, manual air vent, fittings for secondary distribution manifolds.
- 30B.N:** preassembled pump group for direct distribution or circulation. Allows the circulation of the thermal fluid, coming from the primary circuit, without performing any thermal regulation. It is used when the same flow temperature of the primary circuit is requested by the user in general heating/cooling systems and radiant panel systems. The group is composed of a pump, flow LCD thermometers, manual air vent, fittings for secondary distribution manifolds.
- Both groups can be installed with the secondary distribution manifolds on the right or the left.
- The offset fitting on the flow pipe allows the installation of the groups in a perfect vertical position and the coupling to manifolds with centre distance from 200 to 211 mm.

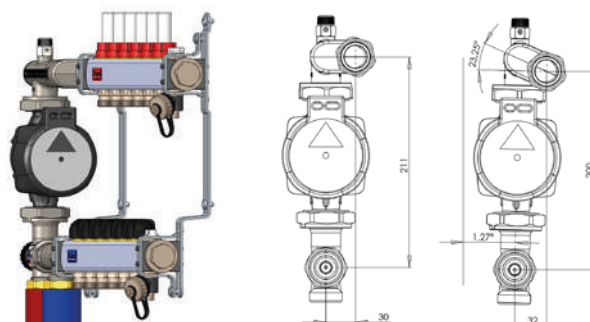


## HIGHLIGHTS

- IMMEDIATE REVERSIBILITY**  
Thanks to the presence of a thermometer also on the rear side, the groups can be easily inverted from right to left by fully reversing them.



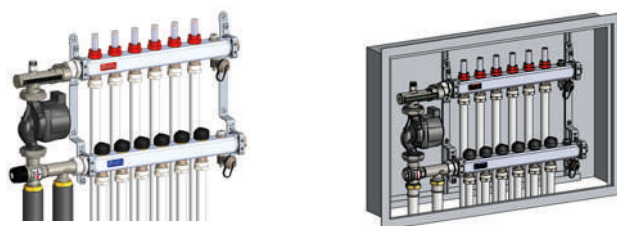
- OFFSET FITTING**  
Equipped with manual air vent, double LCD thermometer (on front and rear side) to check the temperature of the mixed water supplied to the system. The offset fitting on the flow pipe allows the installation of the group in a perfect vertical position and the coupling to manifolds with centre distance from 200 to 211 mm.



- M4 THREADED CONNECTION**  
Fitted for the connection of an optional safety thermostat, 99B series, 55 °C setting.



- FLEXIBILITY OF INSTALLATION**  
The groups can be installed on wall, in box or recessed.



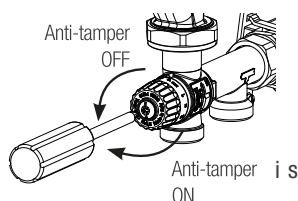
- MONOBLOC STRUCTURE**  
The thermostatic mixing valve (27B.N), the primary valve (30B.N) and the instrument holder fitting, equipped with air vent and thermometers, are designed as monobloc structure. The installation is therefore immediate and points of possible leakage are reduced to a minimum.

- COMPACT INSTALLATION**  
The 75 mm centre distance of the primary side, the adjustable 200-211 mm centre distance to the secondary manifold and the 130 mm pump make the installation very compact.



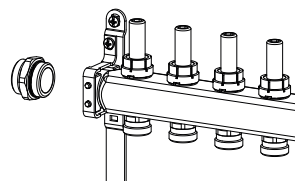
### ANTI-TAMPER DEVICE

The device, placed within the mixing valve knob (27B.N), avoids undesired variations of the setting. Slightly unscrewing the knob screw, the device is deactivated to allow the valve setting. By tightening the knob screw again, the anti-tamper is restored.



### FAST FITTINGS

The provided fittings are equipped with O-Ring and flat gasket to make the installation faster, avoiding the use of other sealing systems like hemp or teflon tapes.



### 27B.N UPGRADE

Kv of the mixing valve increased to 3,5. New adjustment range 20-55 °C. Same overall dimensions of the previous version.

## PRODUCT CATALOGUE

### 27B.N

**New Design** AVAILABLE 5/2021

Recessed regulating group with thermostatic mixing valve 20–55 °C. The group is supplied with temperature gauge and integrated air vent. Complete with fittings for manifold connection. Version without pump on request.

Temperature adjustment range: **20–55 °C**

Max working temperature: **90 °C**

Max working pressure: **10 bar**

Connection centre distance to secondary manifold: **211 mm**

Flow coefficient Kv of the mixing valve only

Code	Size	Kv	Pump	Pump code	
27B 040 N4P 3 <b>TBS</b>	G 1 M	3,5	<b>wilo</b> Para 25-130/7-50/SC-12	29A.040	1
27B 040 N4T 3 <b>TBS</b>	G 1 M	3,5	<b>GRUNDFOS</b> UPM3 AUTO 25-70 130	31AK	1
27B 040 N4M 3 <b>NEW</b>	G 1 M	3,5	<b>GRUNDFOS</b> (Extra EU) UPSO 25-65 130	01A.40	1



**BAFA**  
LIST

### 30B.N

**New** AVAILABLE 5/2021

Direct distribution recessed group. The group is supplied with temperature gauge and integrated air vent. Complete with fittings for manifold connection. Version without pump on request.

Max working temperature: **90 °C**

Max working pressure: **10 bar**

Connection centre distance to secondary manifold: **211 mm**

Code	Size	Pump	Pump code	
30B 040 NDP 3 <b>NEW</b>	G 1 M	<b>wilo</b> Para 25-130/7-50/SC-12	29A.040	1
30B 040 NDT 3 <b>NEW</b>	G 1 M	<b>GRUNDFOS</b> UPM3 AUTO 25-70 130	31AK	1
30B 040 NDM 3 <b>NEW</b>	G 1 M	<b>GRUNDFOS</b> (Extra EU) UPSO 25-65 130	01A.40	1



**BAFA**  
LIST

**TBS** NUMBER OF PIECES IN CARTON  
**NEW** ARTICLE THE BEST SELLER  
**NEW** NEW ARTICLE

## RELATED PRODUCTS

### THERMOSTATIC KITS

Discover the versatility of our product range.



**28B.N**

**29B.N**

**18B.N**

### THERMOSTAT

Safety thermostat



**99B**

### MANIFOLDS AND FITTINGS

Manifolds, fittings for plastic and multi-layer pipes, thermo-electric actuators.



**08M**



**V58**



**M20.C**





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THERMOSTATIC  
MIXING VALVES  
**B1**



ROTARY MIXING VALVES  
AND ACTUATORS  
**B2**



REGULATING GROUPS AND  
HEATING COMPONENTS  
**B3**



COMPONENTS FOR  
SOLAR THERMAL SYSTEMS  
**B4**



ZONE AND  
DIVERTING VALVES  
**B5**



AIR VENTS  
AND DEAERATORS  
**B6**



CHECK VALVES  
AND FOOT VALVES  
**B7**



FILTERS AND  
DIRT SEPARATORS  
**B8**



BALL SHUT-OFF VALVES  
AND COCKS  
**B9**



MONOBLOCS

**B10**



FITTINGS

**B11**

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## MORE THAN REAL

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for heating and hot water systems continues to innovate and modernise.