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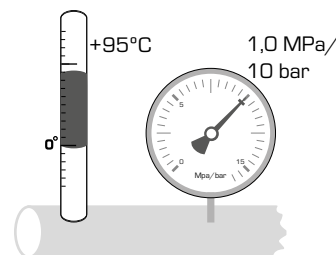
Thermostatic Units SERIES VMB400/VMB500



Series VMB423 Series VMB523

PED 2014/68/EU, article 4.3

SI 2016 No. 1105



Mtrl.nr: 98141067 • Ritn.nr: 9320 • vers. B • Rev. 2023-10-23

GB

ENGLISH

INSTALLATION

All work must be performed by qualified personnel and in accordance with applicable codes and ordinances.

- Flush the pipes clean, shut off water supply and drain the pipes.
- When connecting the VMB400/VMB500, please follow the general directions outlined in Fig B, and pay special attention to:

- the recommended use of shut-off valves (Fig B)
- installing the valve in a correct manner to avoid damage (Fig. C)
- the installation of non-return valves where applicable (Fig. B)

After installation, deposit this leaflet with the owner of the valve for future reference.

TEMPERATURE ADJUSTMENT

To set the mixed water temperature, follow the steps described in Fig.A 1-2. Make sure to verify the set temperature by measuring the water temperature at the tap closest to the valve.

The temperature should be checked annually to ensure that the setting of the valve is correct.

SERVICE AND MAINTENANCE

Under normal conditions maintenance will not be required. If, however, it should prove necessary, the gasket (O-rings), the sensing element and the valve plug are easily replaced. See fig. D* for replacement part details.

NOTE! Before dismantling the valve the water supply should be shut off. Where the valve is fitted below the calorifier this should be drained first.

Hard water conditions may result in scale deposits causing sticking of internal parts in extreme cases. Cleaning the internal

parts will usually restore the valve to proper operating conditions. It may be necessary also to clean the seat and/or to exchange the thermostat.

To clean and/or restore the valve, shut off the water and:

- 1) Remove the cap and the parts. (Fig. D1 -3)
- 2) Remove carefully all scaling (calcium deposits) or foreign particles from all internal parts.
- 3) When necessary remove and clean the seat assembly in the same way.
- 4) Assemble the valve. Only silicone grease is allowed to be used.
- 5) Adjust the temperature. (Fig.A 1-2)

MANIFOLD, VMA200

The valve has built-in shut-off and check valve functions with backflow protection.

- Turn the knob counter-clockwise to shut off the flow through the valve (Fig.E).

Manifold with shut-off valve (VMB500)

- Turn the handle counterclockwise to turn off the flow through the valve (Fig.F)

SAFETY VALVE, VSB100

- Ensure there is a free out-flow opening (airgap arrangement) under the fall and directly connected to the outlet of the valve. (Fig. G1)
- Beware of hot water from pressure release: it can cause burns! (Fig. G1)
- Never fit the valve with the inlet or outlet pointing upwards (Fig. G2-3).

The application examples inside this instruction manual are overall idea sketches. Always also take locally laws and regulations into consideration.

DA

DANSK

INSTALLATION

Alt arbejde skal udføres af kvalificeret personale og i overensstemmelse med gældende lovgivning og bestemmelser.

- Skyl rørene rene, luk for vandforsyningen og tøm rørene.
- Ved tilslutning af VMB400/VMB500 skal du følge de generelle anvisninger i Fig. B og være særligt opmærksom på:

- den anbefalede brug af stopventiler (Fig. B)
 - korrekt installation af ventilen for at undgå skader (Fig. C)
 - installation af kontraventiler, hvor det er relevant (Fig. B)
- Efter installation skal denne folder opbevares hos ventilens ejer til fremtidig brug.

TEMPERATURINDSTILLING

Temperaturen på blandingsvandet indstilles ved at følge trinene i Fig.A 1-2. Kontroller den indstillede temperatur ved at måle vandtemperaturen ved det aftapningssted, der er tættest på ventilen.

Temperaturen skal kontrolleres en gang om året for at sikre, at ventilen er indstillet korrekt.

SERVICE OG VEDLIGEHOLDELSE

Under normale forhold kræves der ikke vedligeholdelse. Hvis det skulle være nødvendigt, er det dog enkelt at udskifte pakningen (O-ringe), sensorelementet og ventilproppen. Se Fig. D* for oplysninger om udskiftningsdele.

BEMÆRK! Vandforsyningen skal afbrydes, før ventilen skilles ad. Hvis ventilen er monteret under varmtvandsbeholderen, skal denne aftappes først.

Vand med høj hårdhedsgrad kan forårsage flageaflejringer, som i ekstreme tilfælde kan få de indvendige dele til at sætte sig fast.

Rengøring af de indvendige dele vil som regel bringe ventilen tilbage til god driftstilstand. Det kan være nødvendigt også at rengøre sædet og/eller udskifte termostaten. Ventilen rengøres og/eller bringes tilbage til god driftstilstand ved at lukke for vandet og:

- 1) Fjerne dækslet og delene. (Fig. D1 -3)
- 2) Forsigtigt fjerne al flagedannelse (kalkaflejringer) eller fremmedlegemer fra alle indvendige dele.
- 3) Om nødvendigt fjerne og rengøre sædemodulet på samme måde.
- 4) Samle ventilen. Der må kun anvendes silikonefedt.
- 5) Indstille temperaturen. (Fig.A 1-2)

MANIFOLD, VMA200

The valve has built-in shut-off and check valve functions with backflow protection.

- Turn the knob counter-clockwise to shut off the flow through the valve (Fig.E).

Manifold with shut-off valve (VMB500)

- Turn the handle counterclockwise to turn off the flow through the valve (Fig.F)

SAFETY VALVE, VSB100

- Ensure there is a free out-flow opening (airgap arrangement) under the fall and directly connected to the outlet of the valve. (Fig. G1)
- Beware of hot water from pressure release: it can cause burns! (Fig. G1)
- Never fit the valve with the inlet or outlet pointing upwards (Fig. G2-3).

Applikationseksemplerne i denne instruktionsmanual er generelle eksempler. Lokale bestemmelser og regulativer skal altid tages i betragtning.

Hårt vatten kan förorsaka beläggningar och störningar i ventilkombinationen funktion. En rengöring enligt nedan återställer i normala fall ventilkombinationen funktion. Ibland kan även en rengöring av det nedre sätet och/eller byte av termostat vara nödvändigt.

- Stäng av vattnet och gör systemet trycklöst.
- Ta bort ställratten (Fig. D 1) och demontera detaljerna (Fig. D 2-3).
- Rengör detaljerna noga.
- Använd endast silikonfett för infettning och montera detaljerna. (Fig.D 4)
- Ställ in önskad blandningstemperatur. (Fig. A)

Efter installationen ska denna anvisning förvaras hos ventilens ägare för framtida bruk.

Anvisningens applikationsexempel är att betrakta som övergripande idéskisser. Hänsyn måste också alltid tas till gällande lokala lagar och förordningar.

Art.nr.	RSK-nr.
31502000	4313875
31502600	4313881
31502100	4313876
31502200	4313877
31502300	4313878
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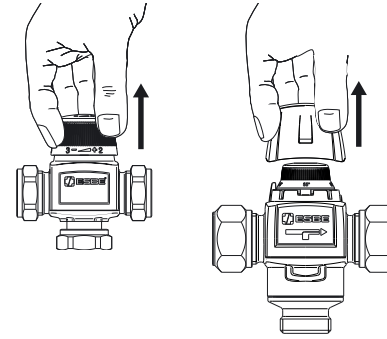


**Accepterad
monteringsanvisning
2021:1**

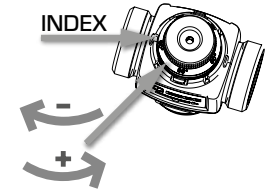
A

VMB400/VMB500

1



2



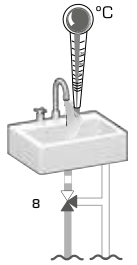
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VMB400

> 4 l/min
> 0,07 l/s

VMB500

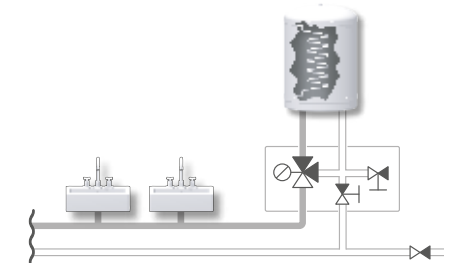
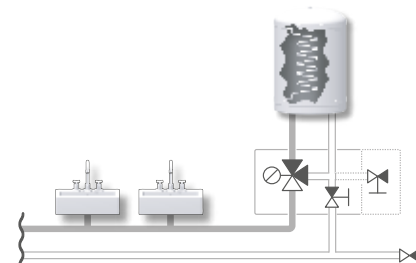
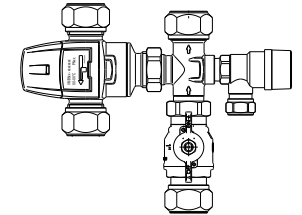
> 9 l/min
> 0,15 l/s



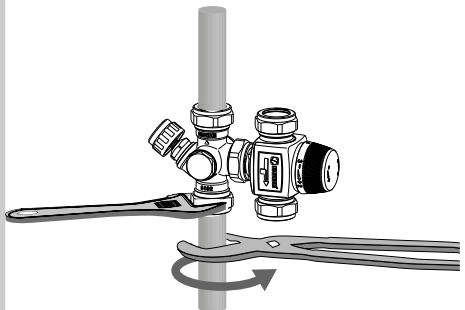
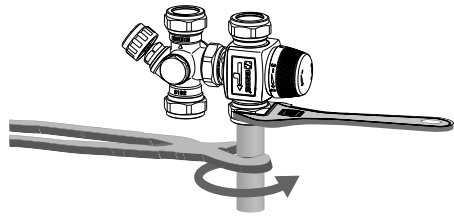
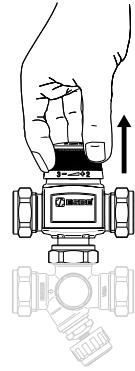
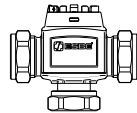
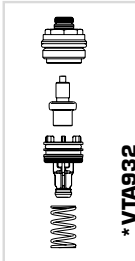
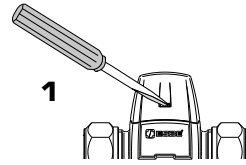
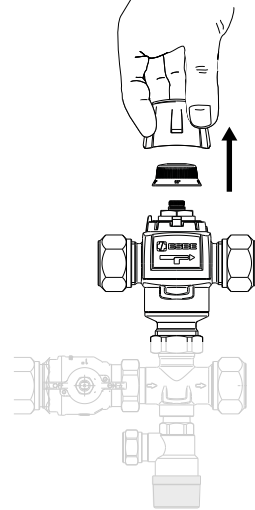
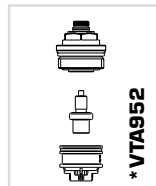
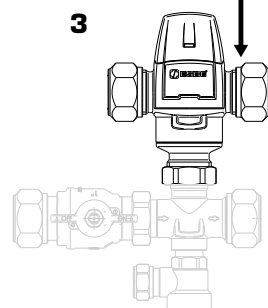
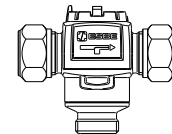
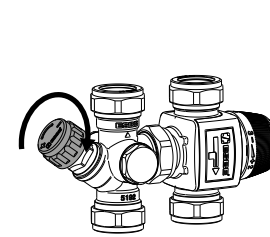
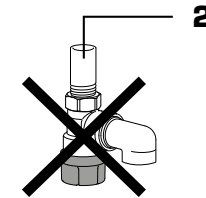
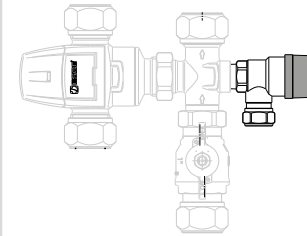
B

VMB400

VMB500



All piping Schematics are General Representations

C**VMB400/VMB500****D****VMB400****VTA320****1****2****3****VMB500****VTA520****1****2****2****3****E****VMB400****VMA200****G****VMB500****VSB100****F****VMB500**