ESBE AB
Bruksgatan 22
SE-333 75 Reftele
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ESBE System Units

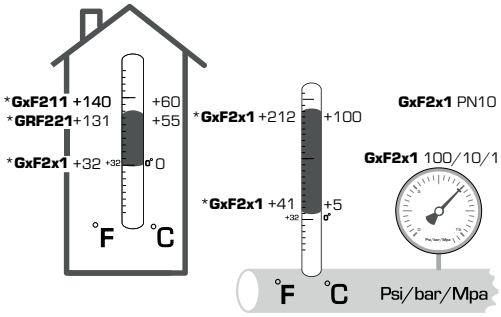
CIRCULATION UNIT DN25/32
FLEXI

Series GDF211
Series GFF211

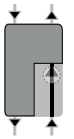
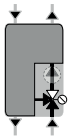
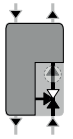
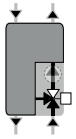
Series GRF211
Series GRF221

LVD 2014/35/EU
EMC 2014/30/EU
RoHS 2011/65/EU

PED 2014/68/EU, article 4.3

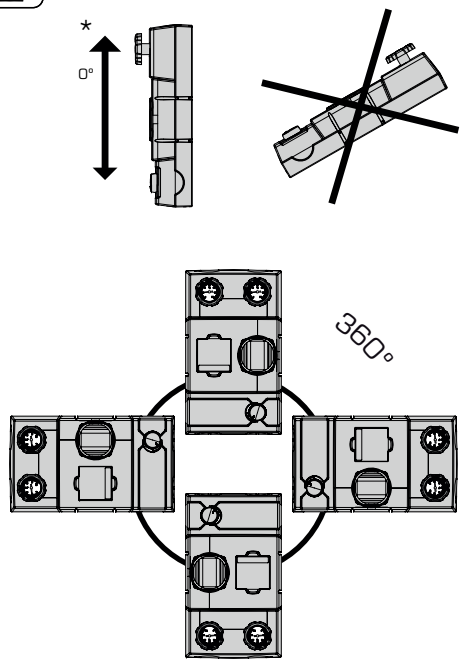


*consider data for choosen pump

SERIES	FUNCTION
ESBE GDF211	
ESBE GFF211	
ESBE GRF211	
ESBE GRF221	

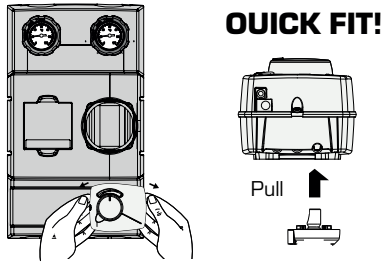
Mtrl.nr: 98141187 • Ritn.nr: 11101 • vers A • Rev. 2025-09-01

Mounting position



1 Remove actuator/controller

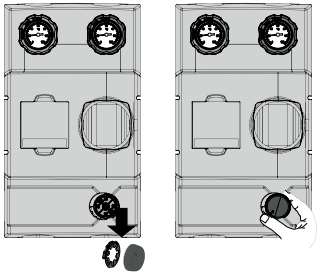
Series GRF221



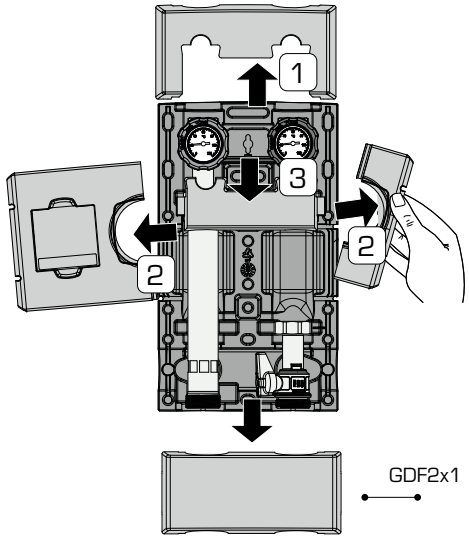
QUICK FIT!

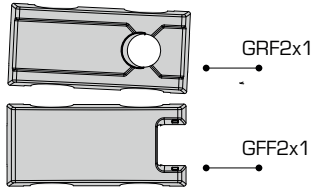
Remove knob

Series GRF211

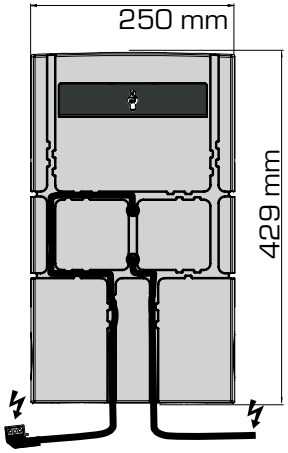


2 Remove insulation

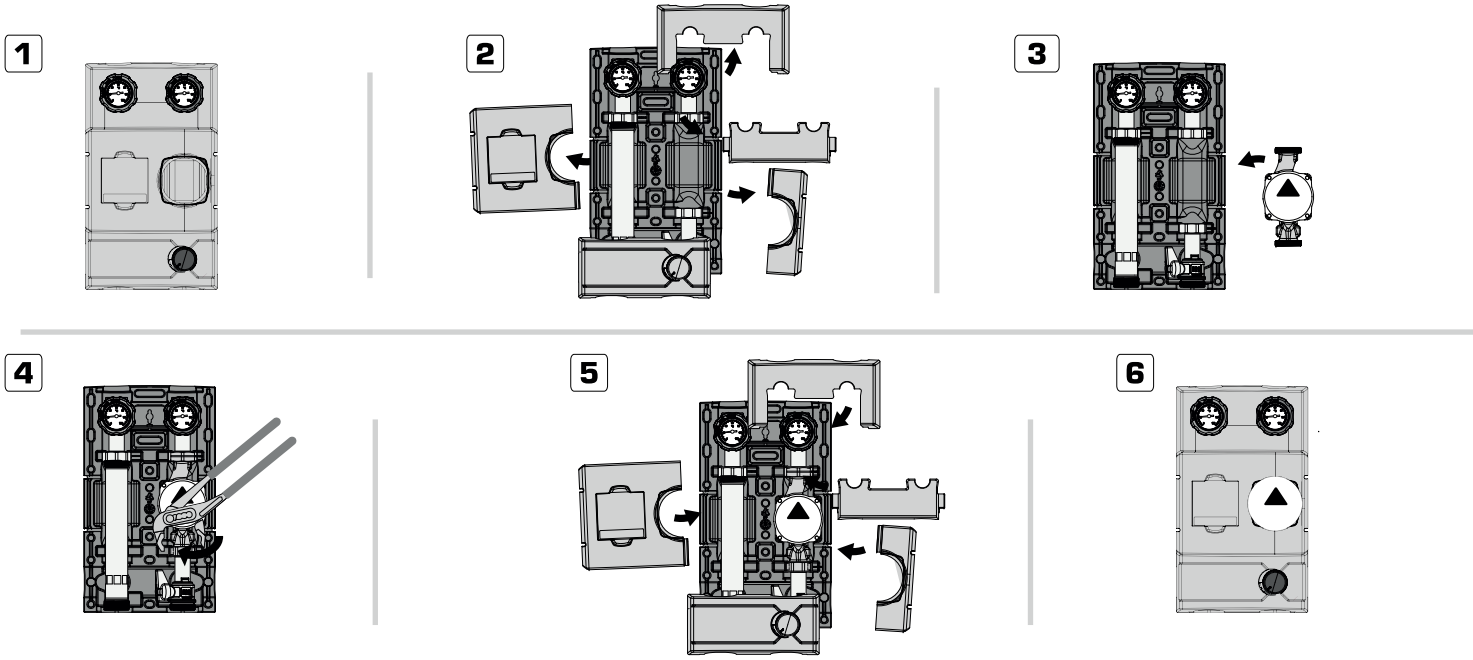




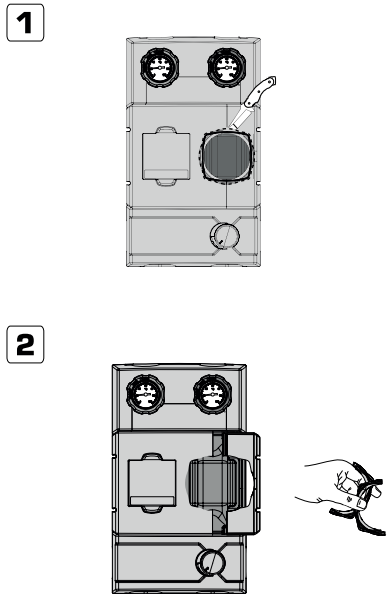
Dimensions ● Cabling



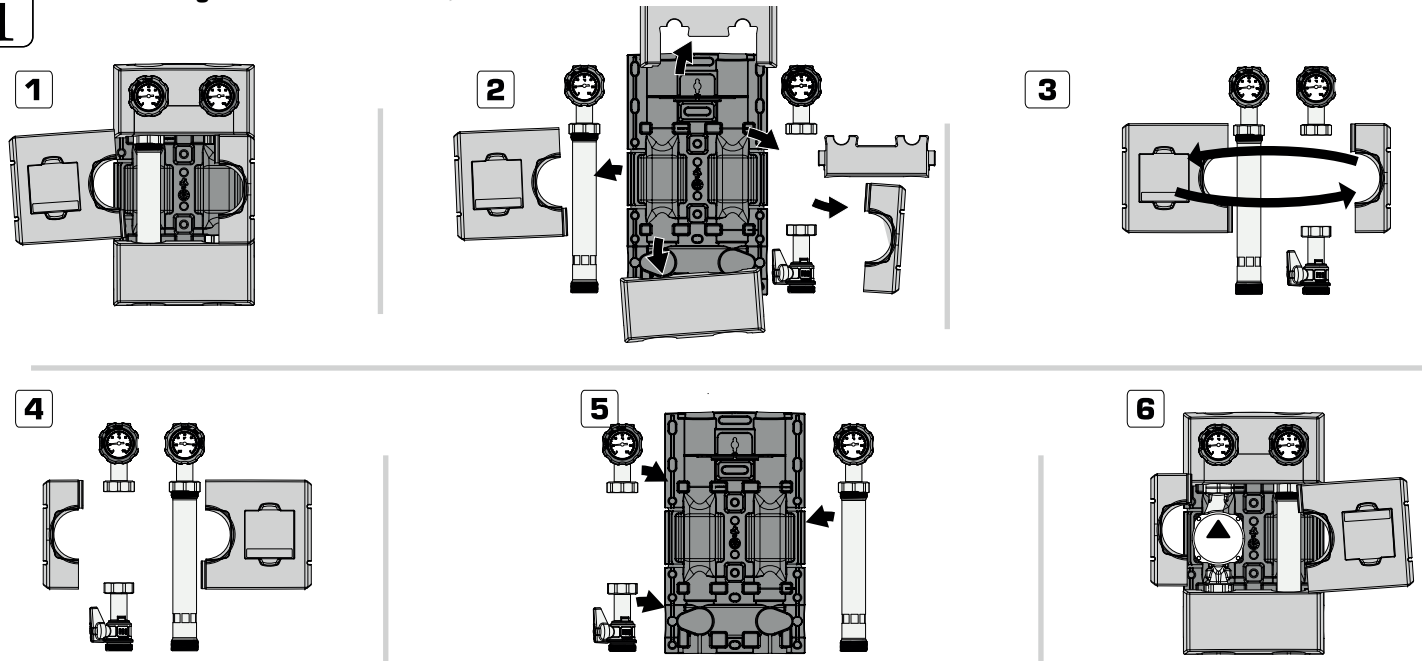
5 Example of pump installation



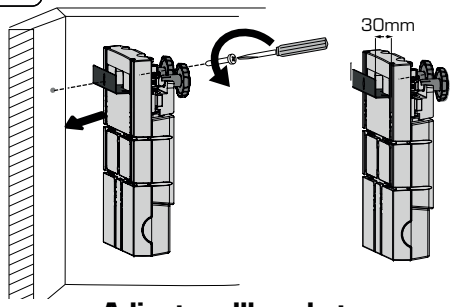
4 Examples of possible insulation adjustments



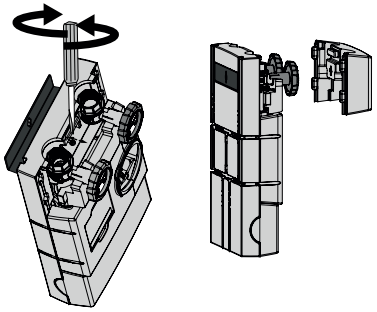
Left - rigth transition



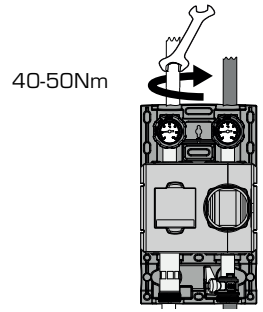
3 Assembling on wall



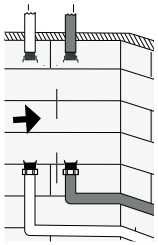
Adjust wallbracket



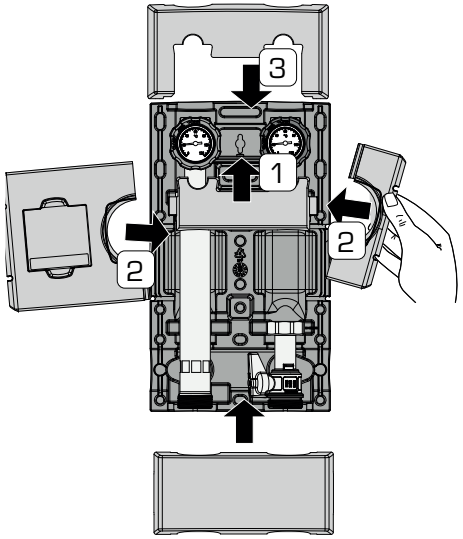
7 Fit supply pipes



c/c 125mm



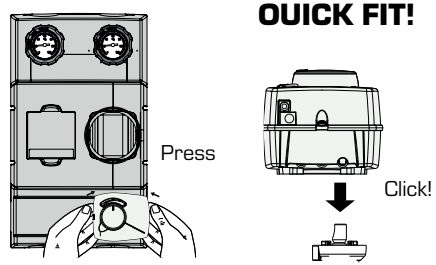
Assemble insulation



8 Assemble actuator/controller

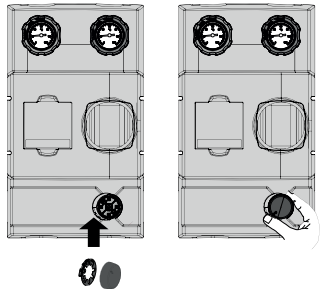
Series GRF221

QUICK FIT!



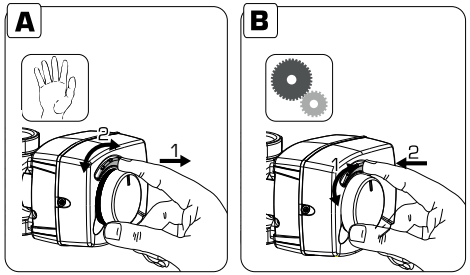
Assemble knob

Series GRF211



Commissioning actuator

Series GRF221

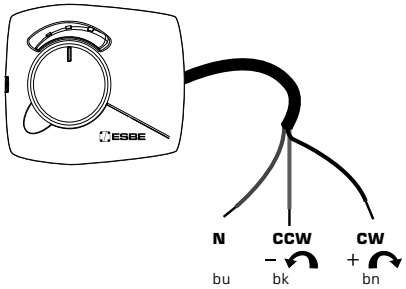




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rotary-actuators

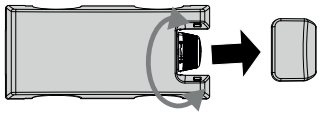
Electric installation

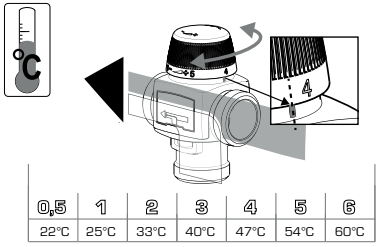
Series GRF221



Commissioning fixed temperature

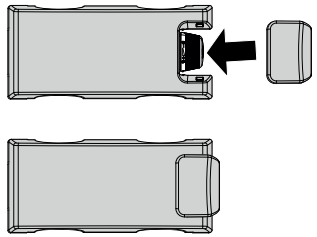
Series GFF211





0,5	1	2	3	4	5	6
22°C	25°C	33°C	40°C	47°C	54°C	60°C

Seal





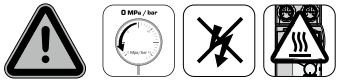
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thermostatic-mixing-valves

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Commissioning

Preparation

1



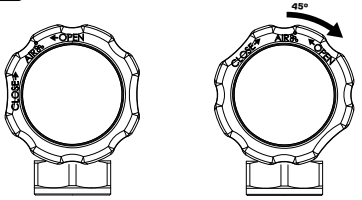
2



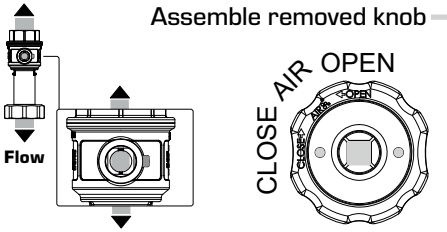
Filling and venting

1 **Open**

2 **Filling and venting**

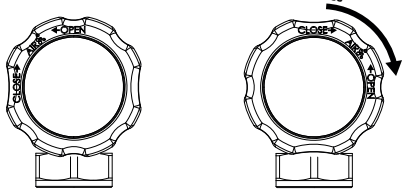


Assemble removed knob

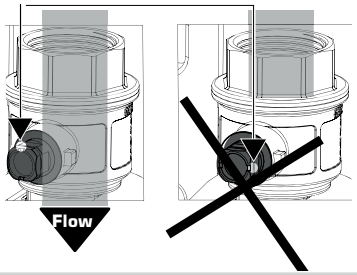


Checkvalve position

Open **Closed**



White mark, indicate check valve position



8 **Expose application info using leaflet**

