



Keep your heat pump safe  
with ESBE Anti-freeze valve



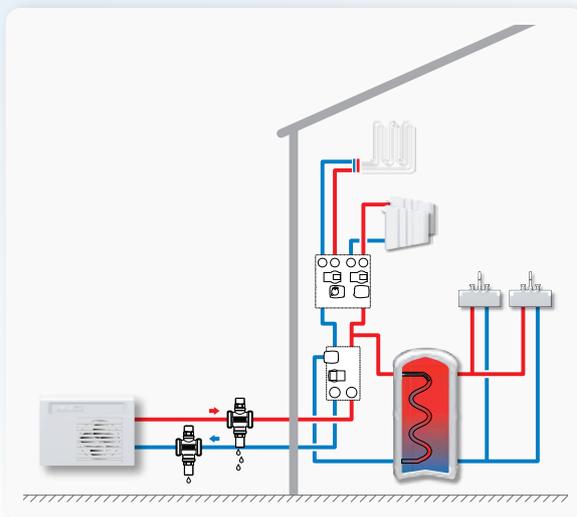
**NEW!**

**SERIES VTN100**

**STAY SAFE | STAY WARM | STAY COMFORTABLE**

# Protect your heat pump from freeze damage with **VTN100**

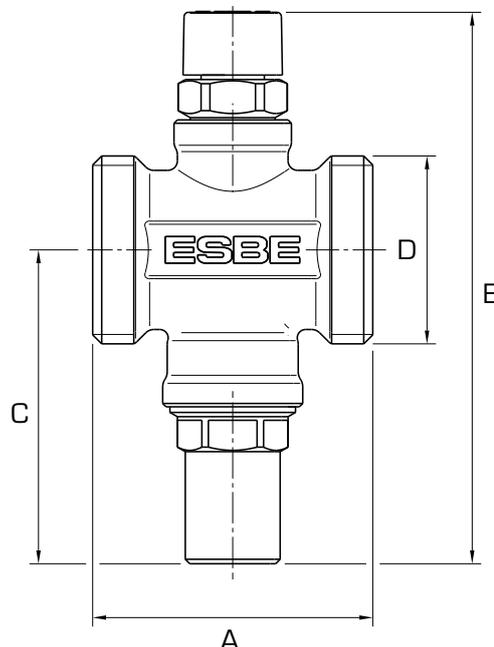
- **No electricity needed.** The thermostat detects if the media temperatures reaches an average temperature of below 3°C and drains the system.
- **No reset required.** Once the temperature of the media goes above 4°C the valve will shut itself and the system can refill.
- Construction with an axial seal which exercises the sealing surface, preventing the seal to get stuck.
- Media temperature range: 0–90°C



Application showing the VTN in an air/water monobloc heat pump system.



## Dimensions



## Series VTN100, Anti-freeze Valve, external threads

Art.no.	Reference	Opening temp.	Max. discharge flow	DN	A	B	C	D
35100100	VTN102	3°C	2 l/min at 3 bar dP (Kvs 0,07 m³/h @ 1°C)	25	58 mm	123 mm	73 mm	G 1"
35100200	VTN102			32	62 mm	123 mm	70 mm	G 1¼"

Model with ambient temperature sensor; series VTN200, is in development.