

BVTS thermostatic valve

Universal valve will fit most types of solid fuel boiler systems

Valve tightness at an optimum even after activation

Superior quality

Competitive solution

Safe operation

Easy installation and no maintenance

DZR brass and stainless steel

Test button enables periodic testing of valve

Complies with EN303-5 standards

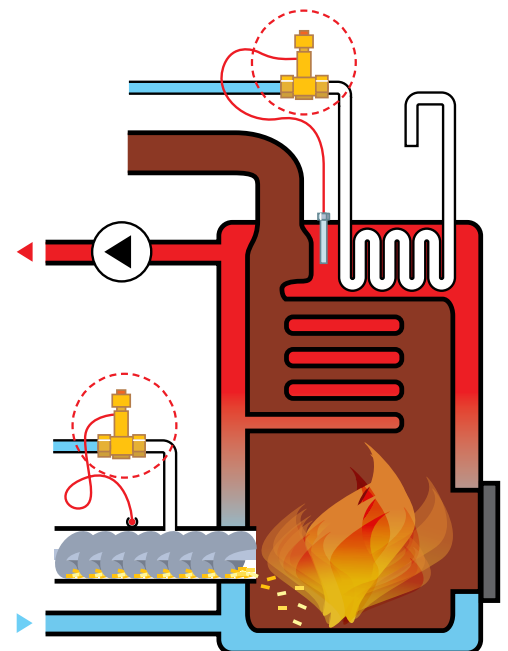
Self acting valve

TÜV approved

Fail safe function



Connection	Fixed opening temperature °C	k_v -value [m ³ /h at $\Delta = 1$ bar]	Capillary tube length [m]	Code No.
G 3/4	95	2.4	1.3	003N3300
G 3/4	95	2.4	4.0	003N3301



Typical mounting of BVTS when used as water boiling protection



Typical mounting of BVTS when used as back-burning protection



Bio-mass boilers provide CO₂ neutral, environmentally friendly heating



BVTS provides excellent protection for any bio-mass burner solution



With the rising energy prices and the high environmental concern, bio-mass is the fuel of the future.

The Danfoss BVTs thermostatic valve offers reliable, safe and maintenance free operation, making bio-mass boilers the optimum choice for environmentally friendly heating of e.g. residential housing, industry and commercial buildings.

Water temperature control

The Danfoss BVTs thermostatic valve is used to prevent the water in the bio-mass boiler from overheating. If the water temperature rises, the valve will

open and let cold water through the heat exchanger system; thus quickly and efficiently lowering the temperature.

Back-burning protection

The Danfoss BVTs thermostatic valve is also used for back-burning protection by monitoring the temperature in the fuel feed system. Should the temperature rise above 95 °C, the valve will dispense a sufficient amount of water to extinguish fire in the fuel feed system. After activation and fire extinguishing the valve will remain tight, thus minimising the need for subsequent cleaning and maintenance.

Self-acting principle requiring no external power

The Danfoss BVTs thermostatic valve will operate safely regardless of the ambient temperature, and the self-acting technology means that the valve does not require electricity or other forms of energy in order to work.

