

Use

The use of thermal relief valves is obligatory in all open tank systems using solid, non-pulverized fuel fired boilers (R. 3.C.) It prevents the temperature of the water inside boiler rising above boiling point at standard atmospheric pressure.

Fitting

The thermal relief safety valve should be fitted proximate to the furnace with the heat sensitive element submerged in the boiler water and the valve body coupled to :

1. the hot sanitation water outlet pipework, for furnaces with boiler (A)
2. on the emergency heat exchanger outlet connexion for furnaces devoid of boiler (B)

Rating

Set temperature (initial aperture) :97°C
Discharge temperature (max discharge):110°C
Max operating pressure :10 bar
Max discharge capacity :6,5m³/h

Dual Safety

The thermal relief valve type STS20 is furnished with 2 heat sensitive elements; in the event of failure of one element, the other will assure that the valve is operated.

Specifications

- Nickel plated,UNI OT58 brass construction body and bonnet
- Viton seal and packing
- UNI X20VrNi 1809 stainless steel spring.
- Cooper capillary tube. Length 1300 mm, with sheath.

Beware:

In the event of water leakage when the valve is shut. Clean the valve seat and the disk as follows:

1. Unscrew the bottom plug (1) and remove the disk (2) with the spring inside it.
2. Clean, with water, the valve seat and remove any encrustations from the Viton seal.
3. Refit the spring inside the disk and introduce the assembly into the bottom plug and screw to the valve body.

Accessories

Drain-off funnel IS20 (3/4"×1)

Uporaba

Uporaba termičnega varnostnega ventila je obvezen povsod kjer je kotel povezan na zaprti sistem in kot energent uporablja trdo gorivo.

Ventil preprečuje temperaturi vode v kotlu, da bi se povišala nad točko vrenja pri normalnem zračnem tlaku.

Namestitev

Termični varnostni ventil mora biti nameščeno blizu ognjišča z občutljivim elementom potopljenim v vodo kotla ter ventilom z dvema cevka:

1. cevka za izhod tople sanitarne vode,za kotel z grelcem(A)
2. za nujno zamenjavo zunanje povezave za kotel brez grelca (B)

Opis

Začetna temperatura :97°C
Izhodna temperatura (max) :110°C
Max tlak :10 bar
Max izhodna kapaciteta :6,5 m³/h

Dvojna varnost

Termični varnostni ventil tip STS20 je opremljen z 2 občutljivima elementoma; ob primeru da se en občutljiv element pokvari, drugi zagotovi da ventil deluje.

Specifikacije

- Prevlaka iz niklja UNI OT58 bronasto telo in pokrov
- Viton tesnilo
- UNI X20VrNi 1809 nerjaveče jekleno vzmetjo
- Dolžina sonde 1300 mm

Opozorilo:

Ob primeru da voda pušča ko je ventil nameščen.

Očistite sedež ventila, kot je opisano spodaj:

1. odvijte spodnji čep (1) in odstranite disk (2) z vzmetjo ki je v notranjosti.
2. Skrbno očistite z vodo mesto sedež ventila
3. Popravite vzmet v disku in vstavite nazaj v čep in dobro privite

Dodatek

Odvodni lijak IS20 (3/4×1)