



Technical Specification: SF RANGE



www.hotun.co.uk +44 (0)1332 702678 info@ratechuk.co.uk #seePRVeasily

hotun sf range features Speedfit® Technology

The hotun solution features & benefits

- ▶ Innovative, combined tundish and dry-trap provides safe discharge from relief valve
- ▶ Eliminates risk of foul odours or gases from a waste pipe entering back into the building. hotun is a single product solution speeding up installation time & **saving you money**
- ▶ hotun and the sf range are the **ONLY** air break to drain dry trap tundish that are **WRAS approved**
- ▶ Open sided design allows for **easily visible & historical** (vital for diagnosis) identification of safety valve discharge and makes maintenance easy and practical from inside the building even after the PRV has stopped dripping
- ▶ Fully complies with Building and Water Regulations and is suitable for use across domestic and commercial unvented systems
- ▶ For hard water areas, can be easily cleaned (if required) **without the need to remove and/or dismantle** the product
- ▶ UKAS accredited flow rates (operates under trickle and full bore discharges)
- ▶ **120°C** Temperature rating

hotun shield

- ▶ Generally for use on boilers, in accessible locations, to prevent access to any potentially scalding water discharging through the tundish
- ▶ hotun shield (if required) is the **ONLY** product on the market which is **100% effective** at preventing access to scalding water whilst still allowing visible signs of discharge
- ▶ Due to regulatory requirements, shield is NOT for use with unvented hot water heaters

hotun sf®
15/22mm dry trap tundish



hotun hiflo sf®
15/32mm dry trap tundish



hotun xlsf®
22/32mm dry trap tundish



hotun shield®
Prevents access to scalding water



Not compatible with 100C range or hotun XLSF
Shield is NOT to be used if tundish is in fluid communication with a wholesome water supply e.g. that on a boiler the filling loop is connected to the mains cold water

Max. Flow rate (L/min)	22*	45*	54*	N/A
Rated Flow Rate (L/min)	16*	25*	40*	N/A
Dimensions	130mm(H) 57mm Ø	150mm(H) 57mm Ø	158mm(H) 57mm Ø	56mm(H) 64mm Ø
RA Tech UK Product Code	HWSF 15-22 (WHITE)	HBSF 15-22 (BLACK)	HHWSF 15-32 (WHITE)	HHBSF 15-32 (BLACK)
Merchant Product Code	HXLSF 22-32 (WHITE)	HSSF (CLEAR)		

General Specifications for hotun dry trap tundish

- General Construction** Ultrasonically welded, open sided construction with conspicuously visible reservoir and sprung valve to stop odours entering from the foul drain
- Materials** Body; Acetyl Thermoplastic CoPolymer Valve/Spring; 302 Stainless Steel Diaphragm; EPDM to BS EN 681-1 Shore hardness 80-90
- Inlet/outlet** 15 or 22 JG Speedfit inlet and 22mm compression or 32mm universal/pushfit compatible outlet.
**For technical (material) reasons, the connection on the 32mm plain outlet (hotun hiflo SF & XLSF) is NOT compatible with solvent weld fittings.
- Temperature rating** 120°C

- Air testing performance** Passes sanitary (38mm WG) and drainage (100mmWG) in accordance with Approved Document H1 2015 1.38 & 2.60
- Approval** Our hotunSF range of tundishes are WRAS Approved
- In service cleaning** The valve on hotunSF can be pulled up through aperture (In situ) to clean off any limescale build up without the need to remove hotun from the pipeline or dismantle
- *Flow rate accreditation** UKAS
- Regulatory requirements** For T/PRV and PRV discharges from unvented hot water heaters and boilers the water must be conveyed to a place where it terminates in a conspicuously visible manner and any discharging water must not cause any danger to persons in or about the building (Boilers: BS6798 7.4.3.2, Unvented water heaters: G3(3)(b))
- Backflow protection** hotun is designated as Air Break to Drain Fluid 5 category protection, designed & manufactured to WRc Test Code 2 & BS EN1717 & is suitable for use on all domestic and commercial unvented water heaters and boilers

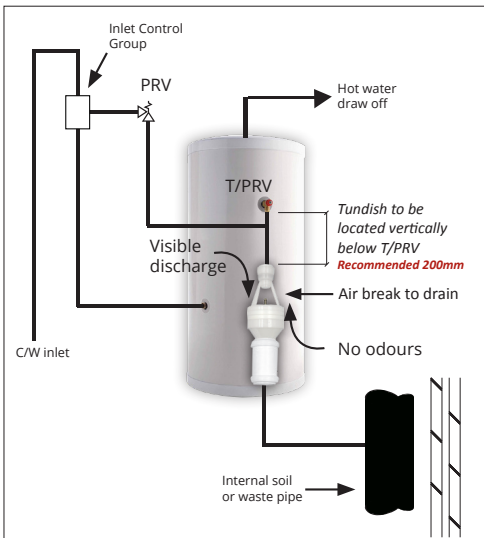
For installations that are connected to a Temperature Relief Valve (TRV), the correct grade of heat resistance D2 pipework has to be used. Typically this would be, PolyPropylene (PP, push fit), HDPE (High Density PolyEthylene) or MuPVC or C- PVC (Modified plasticized or Chlorinated PolyVinyl Chloride) and shall be supported every 300mm in the horizontal section & in accordance with the G3 Guidance document and the contractor must ensure that any soil pipework can be demonstrated to take the temperatures and volumes of water expected



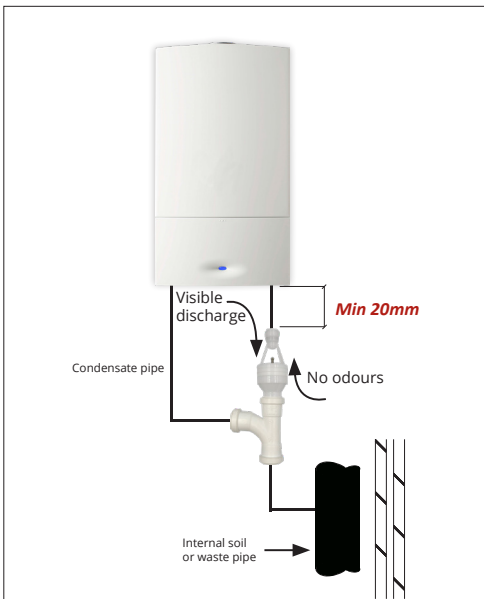
Technical Specification: 100C RANGE



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Recommended hotun tundish configuration for unvented cylinder installations



Typical hotun tundish configuration for boiler installations

hotun shield
Prevents access to scalding water



Not compatible with SF range of tundishes
Shield is NOT to be used if tundish is in fluid communication with a wholesome water supply e.g. that on a boiler the filling loop is connected to the mains cold water

hotun
15/22mm dry trap tundish



hotun hiflo
15/32mm dry trap tundish



hotun detect
it makes hotun sense



- Gives an audible & visual alarm
- Staged warning depending on temp.
- Battery operated

Max. Flow rate (L/min)	N/A	16		20*		N/A
Rated Flow Rate (L/min)	N/A	12		18*		N/A
Dimensions	36mm(H) 64mm Ø	104mm(H) 57mm Ø		126mm(H) 57mm Ø		57mm(H) 32mm(W)
RA Tech UK Product Code	HS100C (CLEAR)	HW100C (WHITE)	HB100C (BLACK)	HHW100C (WHITE)	HHB100C (BLACK)	HD-S1P (1 pack) HD-S2P (2 pack)
Merchant Product Code						

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General Construction	Ultrasonically welded, open sided construction with conspicuously visible reservoir and sprung valve to stop odours entering from the foul drain
Materials	Body; Acetyl Thermoplastic CoPolymer Valve/Spring; 302 Stainless Steel Diaphragm; EPDM to BS EN 681-1 Shore hardness 80-90
Inlet/outlet	½" BSP flat faced tap connector inlet and 22mm compression or 32mm universal/pushfit compatible outlet. **For technical (material) reasons, the connection on the 32mm plain outlet (hotun hiflo SF & XLSF) is NOT compatible with solvent weld fittings.
Temperature rating	120°C
Air testing performance	Passes sanitary (38mm WG) and drainage (100mmWG) in accordance with Approved Document H1 2015 1.38 & 2.60

Approval

hotun is WRAS Approved

In service cleaning

The valve on hotun, can be pulled up through aperture (in situ) to clean off any limescale build up without the need to remove hotun from the pipeline or dismantle

*Flow rate accreditation

UKAS

Regulatory requirements

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Backflow protection

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