



### PUMP

GRUNDFOS STR2/STN twin impeller pumps have been specifically designed for boosting performance of low pressure gravity feed shower installations to provide increased water flows at consistent pressure and temperature. The pumps incorporate a single motor powering two pump heads, one each for hot water and cold water and are fitted with an inbuilt flow sensor for STR2 and both pressure switch and flow switch for STN to automatically start operation on demand.

The pumps incorporate a number of innovative design features including: -

- Non corrosive engineering plastic for STR2 and heavy duty brass impeller and body for STN
- Low noise motor with anti-vibration feet for quiet operation
- Fully automatic switching by an integral flow switch for STR2 and combination of pressure switch and flow switch for STN
- Supplied complete with braided stainless steel hoses suitable for either 1/2" or 3/4" pipe connections complete with push fit fittings
- Integral easy clean inlet filters to remove suspended particles
- Auto re-setting safety thermal cut-out for motor protection
- Regenerative impeller design to overcome air pockets

All Grundfos STR2 and STN pumps undergo a rigorous 3 stage testing process to give assured quality, performance and safety. They also conform to prevailing UK and EU standards and provide an effective and economical solution to all domestic shower boosting requirements.

### OPERATING DATA

MODEL	STR2-1.5C	STR2-2.0C	STN-4.0B
Maximum Output Pressure, Bar	1.5	2	4
Maximum Operating Pressure, Bar	3		6
Inlet Head	1m min, 8m max		
Minimum Start Flow	0.5l/min		
Cut-in/ Cut Out Pressure	N/A		2Bar/2.5Bar
Maximum Liquid Temperature	60°C		
Motor Specification	340Watts,240V,50Hz	420Watts,240V,50Hz	790Watts,240V,50Hz
Maximum Current	1.5A	1.8A	3.6A
Enclosure	IPX2		
Electrical Connection	Through 5A fuse, earthing must be provided		10A fuse
Noise Level	<55-65dB (A) at 1m		<55 to 70dB (A) at 1m
Dimensions(mm)LxWxH	235x150x165		353x232x287
Weight (Kgs)	5		12

### INSTALLATION LAYOUT

