

For Commercial and Industrial Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series 777C

Wye-Pattern Combination Clean & Check Strainers

Size: 1" (25mm)

Series 777C Wye-Pattern Combination Clean & Check Strainers ensure proper operation of reduced pressure backflow preventers. The strainer's 20 mesh screen catches suspended particles prior to them reaching the check valve assemblies thereby reducing unnecessary service calls and expensive emergency repairs. Watts Series 777C strainers lock in the pressure between the strainer/check and the inlet of the reduced pressure backflow preventer, preventing nuisance discharging of the relief valve.

Features

- Dual purpose valve reduces fouling of RPZ check assemblies due to dirt and debris and eliminates nuisance discharging of the relief valve due to fluctuating supply pressures
- Compact durable bronze body
- Furnished standard with 20 mesh screens, other screens available upon request
- Center guided check design for reduced wear of internal parts
- Positive spring loaded check module
- Female x male connections to facilitate installation
- Low pressure drop

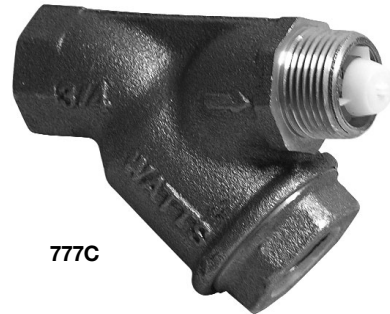
Models

777C-M1 – 1" (25mm)
female x male threaded connections

Pressure – Temperature

Maximum Temperature: 210°F (99°C)

Maximum Working Pressure: 200psi (13.8 bar)



777C

Specifications

A wye-pattern combination clean & check strainer to be installed as indicated on the plans. The strainer must have a bronze body, center guided check and positive spring loaded check module. Strainer shall be rated to 200psi (13.8 bar). Strainer shall be a Watts Regulator Company Series 777C.

Materials

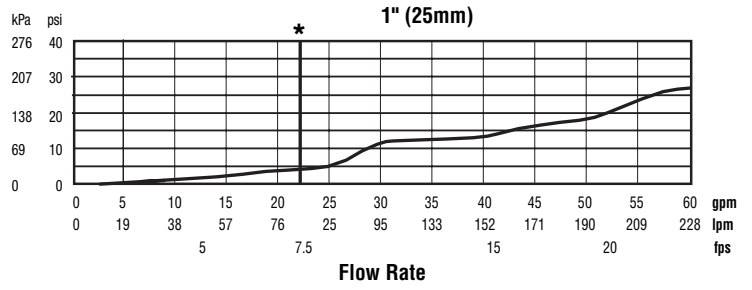
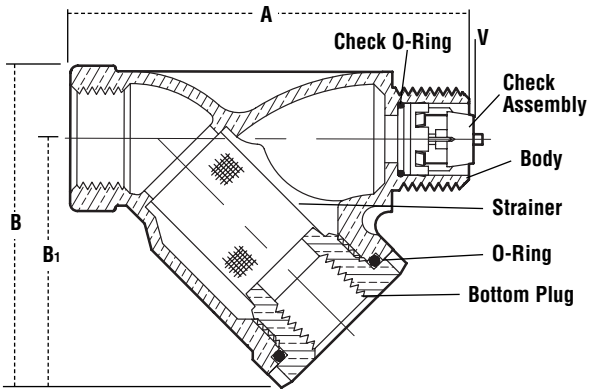
Body: Bronze

Standard Screen: 304 stainless steel #20 mesh

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.

Dimensions — Weights

Pressure Drop vs. Flow



SIZE (DN)						WEIGHT			
A		B		B1		V		lbs	kgs
in.	mm	in.	mm	in.	mm	in.	mm		
1	25	4 ³ / ₄	120	4 ¹ / ₂	115	2 ¹⁵ / ₁₆	74	2.0	0.9



Water Safety & Flow Control Products



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