

For Liquid and Steam Service

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____

Series 745-M1

45° Wye-Pattern Bronze Threaded Strainers

Sizes: 3/4" (20mm)

Series 745 45° Wye-Pattern Bronze Threaded Strainers are designed to protect system components from dirt, rust and other damaging debris in the piping system. This series is ideal for installations where regular screen cleaning is necessary, such as on commercial dish-washers or similar equipment.

Features

- Bronze body
- Hand removable knurled cap
- Brass retainer cap with EPDM O-Ring
- NPT threaded female end connections

Pressure – Temperature

Maximum Working Pressure:

250psi (17.2 bar) WOG @ 210°F (99°C)

50psi (345 kPa) WSP @ 280°F (138°C)

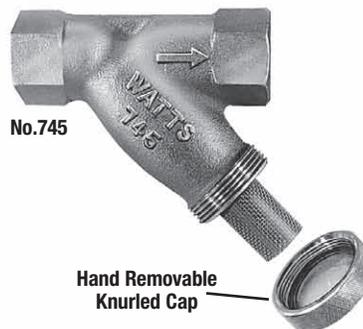
Specifications

A 45° wye-pattern bronze strainer to be installed as indicated on the plans. The strainer must have NPT threaded female end connections and hand removable knurled cap. Strainer shall be rated to 250psi (17.2 bar) WOG @ 210°F (99°C); 50psi (345 kPa) WSP @ 280°F (138°C). Strainer shall be a Watts Series 745-M1.

Materials

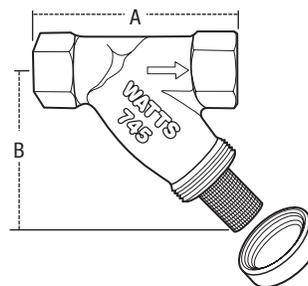
Body: Cast Bronze
 Retainer Cap: Brass
 O-ring: EPDM
 Screen: 80 Mesh* Stainless Steel

*Consult factory for additional screen options.



Performance Data

SIZE (DN)		10gpm		20gpm		30gpm		40gpm		50gpm		60gpm	
in.	mm	psi	kPa	psi	kPa	psi	kPa	psi	kPa	psi	kPa	psi	kPa
3/4	20	0.4	2.8	2.1	14.5	4.3	29.6	7.5	51.7	10.0	69.0	12.0	82.7



Dimensions – Weights

SIZE (DN)		DIMENSIONS				WEIGHT	
in.	mm	A		B		lbs.	kgs.
		in.	mm	in.	mm		
3/4	20	3 ⁵ / ₁₆ "	84	2 ⁵ / ₁₆ "	59	1.0	.45

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.



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