

# 59 series bronze wye-strainer



job name:	
job location:	
engineer:	
contractor:	
tag:	
po#:	
rep:	
wholesale dist.:	

## description

The Apollo 59 series heavy pattern strainers are designed with large area screens to protect piping systems and process equipment from unwanted foreign particles with minimum pressure loss.

## features

- 100% factory pressure tested
- self-aligning screen design
- numerous mesh and blow-off options including blow-off ball valves
- **made in USA**

## performance rating

- working pressure:  
CWP: 400 psi  
SWP: 125 psi
- maximum temperature: 350° F

## approvals

- CRN-OE 8959.5

## models

- (59000) female NPT connection
- (59300) solder connection (1/2" - 3")
- (59-PR) Apollo Press connection (1/2" - 2")
- see 59LF submittal sheet (SS1173) for lead free materials

## options

- (-E1) - 20 mesh
- (-O1) - plain cap
- (-B1) - 60 mesh
- (-C1) - 80 mesh
- (-H1) - 100 mesh
- (-O2) - tapped cap
- (-P2) - tapped cap with plug
- (-O6) - tapped cap with ball valve (1/2" - 2 1/2" only)

## standard materials list

body	cast bronze, ASTM B584
cap	brass, ASTM B16 (1/4" - 1") bronze, ASTM B584 (1 1/4" - 4")
screen	stainless steel, 304
o-ring (1/4" - 1/2")	PTFE
gasket (3/4" - 4")	PTFE

## dimensions

part number	size (in.)	length (in.)	cap tapping (-O2 suffix)	net screen area (in <sup>2</sup> )	wt. (lb.)
		FNPT			
59-001-01	1/4	2	1/8 NPT	2.3	.42
59-002-01	3/8	2.69	1/4 NPT	3.2	.78
59-003-01	1/2	2.69	1/4 NPT	3.2	.75
59-004-01	3/4	4.25	1/2 NPT	6.7	1.7
59-005-01	1	4.75	3/4 NPT	10.8	2.7
59-006-01	1-1/4	5.13	3/4 NPT	13.5	3.4
59-007-01	1-1/2	5.75	1 NPT	19.0	5.3
59-008-01	2	6.66	1-1/4 NPT	27.6	7.2
59-009-01	2-1/2	8.24	1-1/4 NPT	41.0	11.3
59-010-01	3	9	1-1/2 NPT	56.0	15.5
59-011-01	4	11.92	1-1/2 NPT	98.0	30.7

part numbers shown are for FNPT connections.

## standard screens (-O1)

size (in.)	screen
1/4 to 1/2	50 mesh
3/4 to 3	20 mesh
4	.125 perforation



Valves

submittal  
sheet

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## flow curves

