

# Model: 595

## UL Listed Cast Iron Flanged Ends Basket Strainers for Firelines Sizes: 4" - 12" (100 - 300mm)

Pressure/Temperature-Non-Shock		
Model	Material	Rating
595	Cast Iron	<b>CWP</b> 175psi @ 150°F 12 bar @ 66°C 125psi @ 406°F

595

Class 125



Model 595

### Typical Service

These strainers are used exclusively to prevent clogging in fire service systems. Such systems can include automatic water sprinklers and various spray systems.

### Features

- Extra large baskets have an Open Area Ratio of at least 7 to 1. AWWA only requires a minimum or 4 to 1 Ratio.
- Extra large capacity baskets equal very low pressure drop and long intervals between cleaning and servicing, essential in this service.
- NPT tapped blow-off and vent connections are standard. Blow-off is at "D" for draining and cleaning, air vent is at "E". See next page for locations and sizes. Plugs are furnished as standard.

### Pressure Drop

SIZE	PRESSURE DROP @ 15 FT/SEC
4"	1.30
6"	2.20
8"	1.14
10"	3.00
12"	3.95

### Basket

MODEL	SIZES	STANDARD (WATER)	
		MATERIAL	OPENING
595	4" - 12"	304SS	.250 perf

### Material

	595
Body	Cast Iron ASTM A126 Grade B
Cover	Cast Iron ASTM A126 Grade B
Gasket	Compressed Fiber

Job Name \_\_\_\_\_

Job Location \_\_\_\_\_

Engineer \_\_\_\_\_

Approval \_\_\_\_\_

Contractor \_\_\_\_\_

Approval \_\_\_\_\_

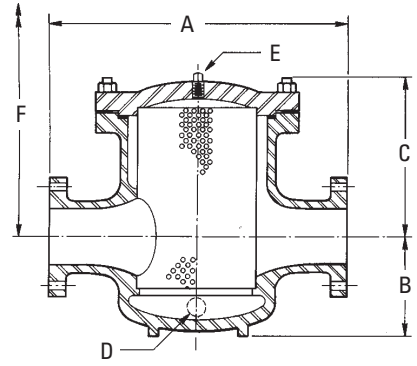
Contractor's P.O. No. \_\_\_\_\_

Representative \_\_\_\_\_

# Dimensions and Weights

SIZE		DIMENSIONS										WEIGHT			
		A		B		C		D (NPT)		E (NPT)		F Screen Removal			
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kg.
4	100	21	535	7¼	184	10¾	263	1½	40	¼	8	22	559	237	107
6	150	26⅞	683	8	203	14⅝	371	2	50	¼	8	31½	800	382	173
8	200	31⅝	795	10	254	18⅞	468	2	50	¼	8	39½	1003	654	297
10	250	35¾	908	12	305	20¾	527	2	50	¼	8	44¾	1137	963	437
12	300	40¼	1022	13½	343	25⅜	656	2	50	¼	8	56	1422	1535	697

Apply For Certified Drawings.



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