

GENERAL INFORMATION

Zurn solids interceptors are specifically designed to capture and retain solid particles for a variety of different drain line applications. Units are available in Dura-Coated cast iron, bronze, Acid Resistant Coated steel and stainless steel, along with a multitude of screens designed for each application. If you require a solids interceptor not listed, phone (814-455-0921) or fax (814-871-6141) your requirements to the Zurn Engineering Department for assistance. Special screens and sizes are available to meet almost any need.

APPLICATION INDEX

Product selection should be made with a specific application and the type of construction in mind. The varied types and sizes of Zurn interceptors, along with their options, offer a selection for all applications.

APPLICATION	RECOMMENDED INTERCEPTOR
Food Preparation	Z1181, Z1182, Z1183, Z1183-DF
Hair Salons	Z1175, Z1176, Z1180, Z1184
Plaster	Z1180, Z1181
Barium	Z1180
Fish Scales	Z1181, Z1183
Garbage Disposal	Z1181, Z1182, Z1183, Z1183-DF
With Z1170 and Z1173 Interceptors	Z1181, Z1182, Z1183, Z1183-DF

SIZING

All Zurn solids interceptors are designed for gravity flow where minimal head is expected. Zurn solids interceptors are designed to accommodate the flow rate of their inlet and outlet pipe size, provided they are maintained and kept clean.

Zurn solids interceptors should be sized by both expected flow rate and holding capacity. Sizing for the Z1181 solids interceptor should be sized by the number and size of the sinks being served as is the case with the Z1170 grease interceptor.

Selection Chart

Fixture Compartment Size (Inches)	Number of Compartments	Drainage Load (Gallons)	Recommended Size Solid Interceptor	
			One-minute Drainage Period	Two-minute Drainage Period
18 x 12 x 6	1	4.2	7	4
16 x 14 x 8	1	5.8	7	4
20 x 18 x 8	1	9.4	10	7
18 x 16 x 8	2	15.0	15	10
20 x 18 x 8	2	18.7	20	10
30 x 20 x 8	1	15.5	20	10
24 x 20 x 12	1	18.7	20	10
22 x 20 x 8	2	23.0	25	15
22 x 20 x 12	2	34.0	35	20
24 x 24 x 12	2	44.9	50	25