



KEYED NOTES		
MARK	QTY	DESCRIPTION
1	1	PRECAST CONCRETE SOLIDS INTERCEPTOR
2	1	4" OR 6" PVC MANIFOLD
3	2	24" CAST IRON FRAME AND COVER
4	1	X" VENT
5	1	TAPERED WALL
6	2	INLET AND OUTLET SCH 40 PVC PIPING
7	2	RESILIENT RUBBER BOOT
8	1	CONCRETE EXTENSION RINGS AS REQ'D
9	1	MONOLITHIC BAFFLE
10	1	REMOVABLE SS FILTER SCREEN
11	1	NAMEPLATE INDICATING: MFG: ParkUSA 888-611-PARK MODEL: STSC-02 DATE MANUFACTURED
12	1	EPOXY INTERIOR COATING
13	1	BITUMASTIC EXTERIOR COATING
14	1	ALL JOINTS SEALED WATER-TIGHT w/PLASTIC FLEXIBLE

CONTROL NOTES		
MARK	QTY	DESCRIPTION
A	1	SERVICE ALERT PANEL, NOTIFIES OF CLOGGED FILTER w/ AUDIBLE & VISUAL ALARM (120V/5 AMP)
B	1	FILTER MAINTENANCE



- APPLICATIONS**
- KITCHEN DISPOSAL & GRINDER WASTELINES
 - LIVESTOCK/BARN
 - MANUFACTURING AREAS
 - MEDICAL WASTE
 - MANUFACTURING FACILITY EFFLUENT WATER

SOLIDS INTERCEPTOR SCHEDULE								
MODEL NO.	CAPACITY USGal	FLOW RATE GPM	EMPTY WT (LBS)	LENGTH L	WIDTH W	HEIGHT H	INLET FL1	OUTLET FL2
STSC-500	500	50	7,000	7'-10"	4'-4"	4'-6"	3'-3"	3'-0"
STSC-750	750	75	10,000	7'-10"	4'-4"	6'-0"	4'-5"	4'-2"
STSC-1000	1,000	100	13,200	8'-8"	5'-0"	6'-0"	4'-9"	4'-6"
STSC-1250	1,250	125	15,500	9'-2"	5'-8"	6'-0"	4'-9"	4'-6"
* STSC-1500	1,500	150	20,000	9'-2"	5'-8"	7'-0"	5'-9"	5'-6"
* STSC-2000	2,000	200	22,000	9'-0"	6'-0"	8'-0"	6'-9"	6'-6"
STSC-2500	2,500	250	27,050	13'-0"	7'-0"	7'-0"	5'-9"	5'-6"

OTHER SIZES ARE AVAILABLE. CONTACT US FOR MORE INFORMATION

GENERAL INFORMATION

THE STSC SOLIDS INTERCEPTOR IS USED TO PREVENT POTENTIALLY HARMFUL DEBRIS FROM ENTERING INTO THE PUBLIC SANITARY SEWER. THE MULTI-CHAMBER TANK SEPARATES & COLLECTS THE DEBRIS FROM THE WASTEWATER. AN EFFLUENT SCREEN POLISHES THE WASTEWATER PRIOR TO ENTERING THE PUBLIC SEWER. A SERVICE ALERT SYSTEM WILL INDICATE WHEN SERVICE IS NEEDED. EASY MAINTENANCE IS PERFORMED BY PUMPING OUT THE UNIT BY A PROFESSIONAL WASTE DISPOSAL SERVICE. THE EFFLUENT SCREEN CAN BE REMOVED & CLEANED AS REQUIRED.

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Specifications

- CONCRETE:** Class I/II concrete with design strength of 4500 PSI at 28 days. Unit is of monolithic construction at floor, first stage of wall and baffle with sectional riser to required depth. gross empty weight of approximately indicated.
- REINFORCEMENT:** Grade 60 reinforced with steel rebar conforming to ASTM A615 on required centers or equal. Structural design is based on AASHTO HS20 loading.
- C.I. CASTINGS:** Manhole frames, covers or grates are manufactured of grey cast iron conforming to ASTM A48-76 Class 30. Manhole shall have 24 inch inside diameter and be traffic duty.

Engineering Data

Interceptor is structurally and hydraulically engineered conforming to UPC/IPC Plumbing Codes. Nominal liquid capacity as indicated. Manufacturer shall provide buoyancy calculations certified by a licensed engineer upon request. Field excavation and preparation shall be completed prior to delivery of interceptor. Use dimensional data as shown.



SOLIDS INTERCEPTOR
MODEL STSC SIZE 500 THRU 2500 GALLONS

PM	PC	DRN	ENG	DWG. NO.	REV.
				STSC-2	A
DATE				2023	

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