

ENGINEERING COMMUNIQUÉ

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From:

THE SMITH ENGINEERING GROUP

PRODUCT ALERT: Figure Number 8818

This is the basic 8817 Sediment/Sand Interceptor but provided with an integral oil storage compartment. The 8818 was formerly SQ-8-4260. This creates a unique unit as figure number 8817 was being used in applications not only to intercept sand/sediment but where oil was also present in the waste water. A separate compartment was needed for storage of the oil in these applications so the integral oil storage compartment was added.

The oil is skimmed off the surface of the liquid via the standard draw-off assembly into the integral storage compartment where the oil can be removed and disposed. The capacity of the compartment in gallons is listed on the submittal.

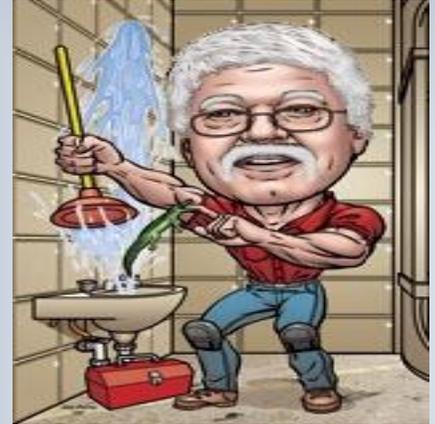
Vent connections are provided at seven locations and it is the responsibility of the installer to vent according to local code requirements and to provide a plug for unused connections.

Please refer to the accompanying figure number 8818 submittal drawing.

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ADJUSTING THE GRAVITY OIL DRAW-OFF ASSEMBLY:

The draw-off assembly is adjustable by loosening the lock nut and moving the brass tube up or down. When the interceptor is completely installed, establish the operating water line by running water through the interceptor at a maximum flow rate. Determine and mark this operating water line and adjust the tubing 1/8" above this line. Adjustment should be checked after the interceptor is in operation. If water is present in oil removed through the gravity draw-off, the adjustable brass tube should be raised slightly until no water is present. The adjustment is simple and straightforward to perform.

SPECIAL SEDIMENT/OIL INTERCEPTOR WITH OIL STORAGE COMPARTMENT

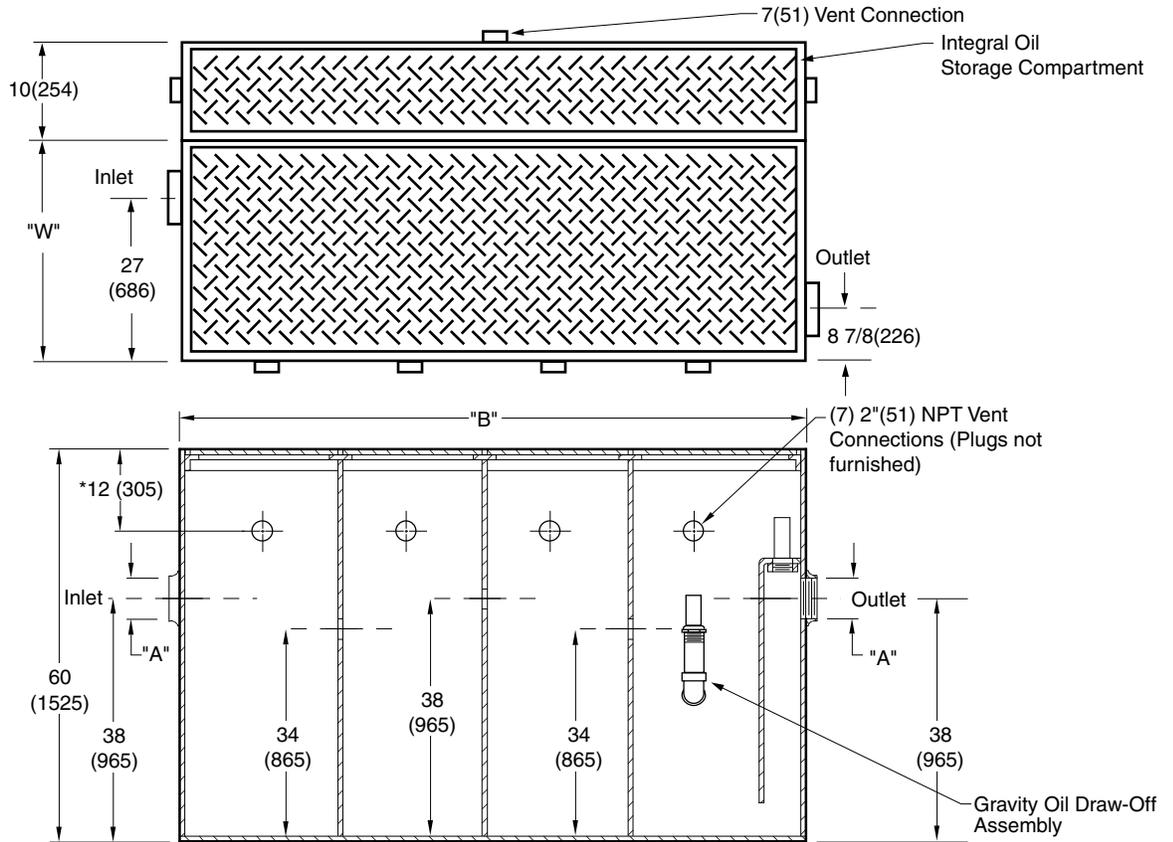


FIG. NO.	SIZE (Gallons) CAPACITY	CUBIC FEET CAPACITY	"A" PIPE SIZE	WIDTH "W"	LENGTH "B"	GALLONS OIL STORAGE COMPARTMENT
8818-300	300	43	04"(100) NPT	36(915)	60(1525)	50(185L)
8818-400	400	54	04"(100) NPT	36(915)	72(1830)	50(185L)
8818-500	500	72	06"(150) NPT	36(915)	96(2438)	100(375L)
8818-600	600	81	06"(150) NPT	36(915)	108(2743)	100(375L)
8818-700	700	90	06"(150) NPT	36(915)	120(3048)	125(470L)
8818-800	800	108	06"(150) NPT	36(915)	144(3458)	150(560L)
8818-1000	1000	135	06"(150) NPT	36(915)	180(4572)	150(560L)

*12"(305) Regularly Furnished for vent connections - Specify dimension if lower or higher is required.

REGULARLY FURNISHED:

Acid Resistant Coated Fabricated Steel Interceptor, Integral Oil Storage Compartment, Oil Draw-Off and Diamond Plate Secured Covers.

VARIATIONS:

- Anchor Flange -F
- Extra Heavy Duty Reinforced Cover -XHD
- Flange and Flashing Clamp -F-C
- Extension -E (Specify height eg: -E24 for 24"(610) Ext.) (Ext Height shall be measured from top of body.)

OPTIONAL MATERIALS:

- All Stainless Steel -SS

NOTE: It is the responsibility of the installer to check all parts (internal and external) to verify they are in their proper operating order and location.

NOTE: Dimensions shown in parentheses are in millimeters.

PATENT PENDING

WEIGHT POUNDS VOLUME CUBIC FEET

FIGURE NUMBER

8818

DRAWING NUMBER
S8818

SIZE
A

SCALE:
NONE

DATE:
6-6-12

APPROVED BY:
SJM

CHECKED BY:
SM

DRAWN BY:
TBW

8818

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

REV.	DATE	DESCRIPTION	BY	CKD. BY