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FCS & XL FILLER-STRAINER BREATHER CAP ASSEMBLIES

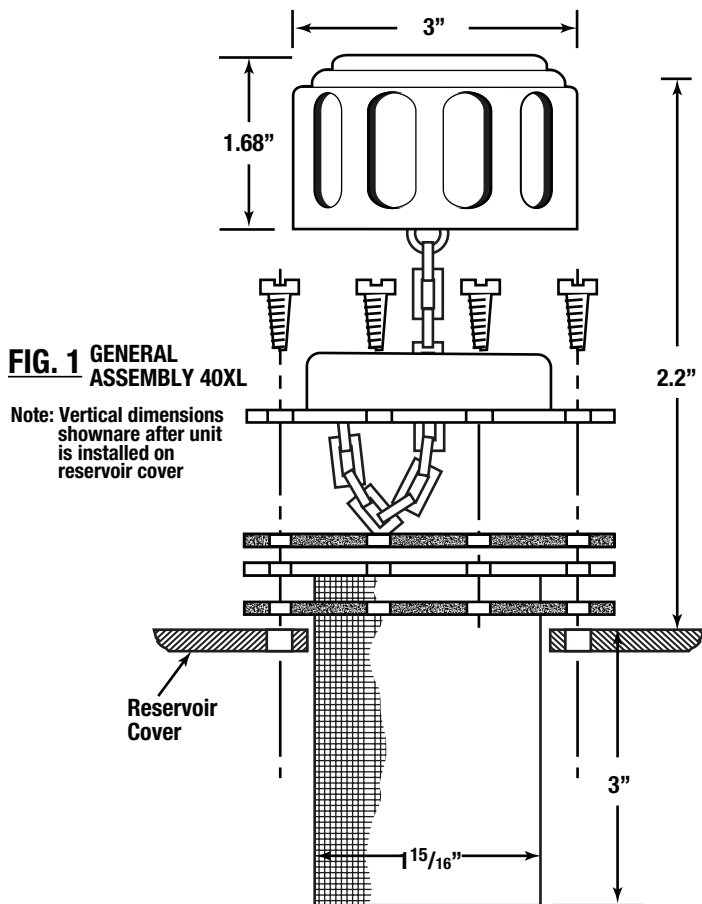


FIG. 1 GENERAL ASSEMBLY 40XL

Note: Vertical dimensions shown are after unit is installed on reservoir cover

FILLER BREATHER MOUNTING INSTRUCTIONS

57XL AND FCS FILLER STRAINER BREATHER CAP ASSEMBLIES are intended primarily for mounting directly on reservoir tops and are furnished complete with flange gaskets and self tapping screws ready for installation.

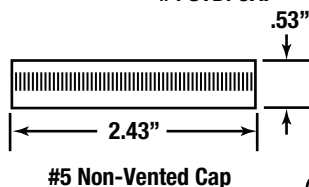
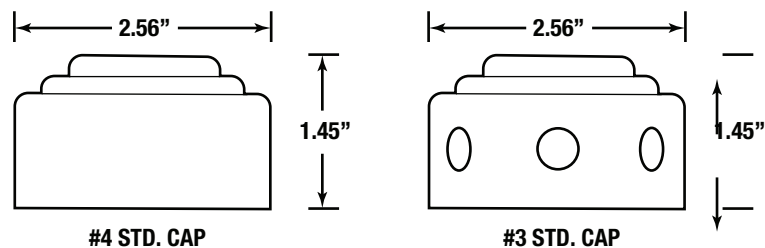
If you have computer controlled laser cutting or punch machine control then you will want to load the layout in figure 2 into your machine control program. The mounting surface should be fabricated as outlined in (Figure 2 below) with 2" diameter opening for the fill screen and 6 - 11/64" (.171) diameter holes for the 10-24 self-tapping screws furnished with the unit.

If you don't have computer aided design you could use LWR-1 weld riser and simply cut out 2" diameter hole from this sheet template with a hole saw and then weld the LWR-1 riser into place.

If you don't have computer aided design and choose not to use Lenz LWR-1 weld riser simply cut out (Figure 2) from this sheet and tape it on the desired mounting location. Mark distinctly with a center punch the center of 2" diameter opening and the centers of each of the six (6) - 11/64" diameter self-tapping screw holes. After removing the template, the 2" diameter opening can be made with a 2" diameter hole saw, using the center mark for pilot drill location. In drilling the six (6) 11/64" (.171) diameter holes CARE SHOULD BE TAKEN NOT TO DRILL OVERSIZED HOLE to insure sufficient material for the self tapping screw threads.

Burrs should be removed from around the 2" opening and (#9) screw holes to provide a good sealing surface for the flange gasket. Parts should be mounted with one (#8) gasket located between the (#7) strainer screen flange and the reservoir with the other (#8) gasket between the screen (#5) tank flange as shown in (Figure 1).

OPTIONAL CAPS



* Assemblies are available with the following caps:

- #3 Std. Cap W/Chain (FCS 537)
- #4 Std. Cap Wo/Chain (FCS 547)
- #3W Weatherproof Cap W/Chain (FCS 537W)
- #4W Weatherproof Cap Wo/Chain (FCS 547W)
- #5 Non-Vented Cap W/Chain (FCS 557)
- #40-XL Cap W/Chain (57-XL-40)
- #10-XL Cap W/Chain (57-XL-10)

| PARTS LIST — TYPE FCS ASSEMBLED | | | |
|---------------------------------|--------------|--|--------------------|
| Drwg. Ref. No. | Our Part No. | Part Name | Quan. Per Assembly |
| 1 | * | Filler Cap | 1 |
| 2 | 5 | Flange | 1 |
| 3 | 8 | Flange Gasket | 2 |
| 4 | 7 | Flange Strainer Screen | 1 |
| 5 | 9 | Self Tapping Mounting Screws STD 10-24 / Optional 10-32 | 6 |

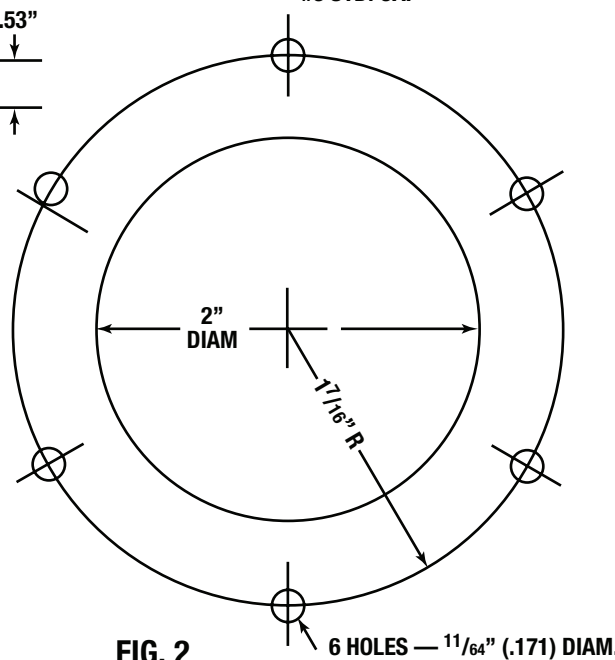


FIG. 2

6 HOLES — 11/64" (.171) DIAM.



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More Options Available For Lenz Breathers



Black Powder Coated
Weather-proof application.
Example when ordering:
BPC-57XL-40



**Locking cap-3/8"
Hole Accepts Padlock**
Prevents tampering of equipment.
See page 1-2b.
Example when ordering:
LC-57XL-40



Pressurized Breather
5 or 10 P.S.I. Relief Valve
See page 2b.
Example when ordering:
57XL-40P-5



3" High Neck Flange
Prevents oil from entering
into cap, mobile application.
Also, allows tank-top dirt from
plugging up the breather/air filter.
See page 1-4b.
Example when ordering:
57XL-40-3HN



Weld-Neck Risers
5/8" & 1" High
Prevents tank-top dirt and water from
entering reservoir.
Weldable for quick installation,
6 pre-drilled holes for mating flange.
See page 4b.
Example when ordering:
LWR-1



Stainless Steel Screens
3", 6", 8" lengths from stock
30 mesh & 100 mesh from stock
Custom lengths available.
Example when ordering:
57XL-40w / 6"-100 mesh



Anti-Splash Breather Cap
Prevents oil from entering into
cap & element. For mobile
applications.
Example when ordering:
AS-57XL-40



Dipsticks
Attaches to Cap.
Can be Marked to order:
Full, Add, Low, etc.
Example when ordering:
57XL-40w / 3" DIP



4" Nylon Screen
Nylon Screen prevents punch out
when filling.
Example when ordering:
57XL-40N