

# FS SERIES

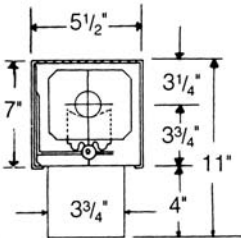
## FREE STANDING ENCLOSURE

### MODELS FS-21, FS-14 AND FS-7

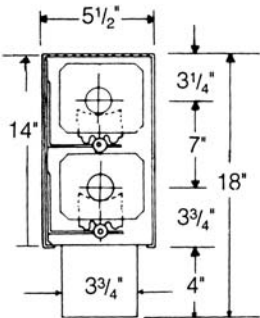


Aluminum grille optional.

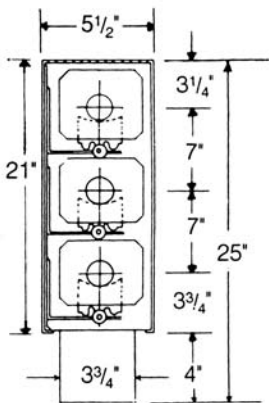
Custom Heights & Configurations Available



**FS-7**



**FS-14**



**FS-21**



### ORDERING DATA

**CONSTRUCTION:** Single piece cover mounts on floor pedestals.

**DEPTH:** 5 1/2"

**INSTALLED HEIGHTS:** 11" (one tier), 18" (one or two tier), 25" (up to three tier)

**LENGTHS:** 2', 3', 3 1/2', 4', 5', 6', 7', 8'. Other 1/2' lengths available to order.

**MATERIAL:** FS-7: 18-ga std., 16-ga and 14-ga optional. FS-14 and FS-21: 16-ga std., 14-ga optional.

**FINISH:** Galvanized standard. Custom color baked enamel available on special order. Anodized architectural aluminum grille optional. Stainless steel escutcheon for pedestals standard.

**PEDESTAL BRACKETS/HANGERS:** Order separately. Adjustable height floor pedestal supports the elements and enclosure. Uses standard SC hangers. Large hole in base to bring supply and return piping into cover without showing. Stainless steel escutcheon around base for neat finish.

**ELEMENTS:** Copper with aluminum fins: C-340, C-440, C-540. Steel with electro-galvanized steel fins: S-532, S-540. Lengths from 2 to 12 feet. See p. 30.

**JOINTS:** Slip joint connectors align cover sections which butt to one another, providing a near seamless joint. Use of telescopic accessories eliminates the need to perfectly butt one length of cover to the next. Critical linear and vertical tolerances are eliminated because telescopic assembly absorbs misalignment that might result from uneven floors and walls.

**NOTE:** Pedestals used as a pipe chase for individual vertical supply or return pipes (max 1-1/4" pipe) must be dedicated for pipe chase use and will not be able to support element or horizontal piping. SC hangers will not fit into pedestals used for this function.

Element	Recommended number of brackets and hangers for given length.		
	2	3	4
S-532	2-5 ft.	6-7 ft.	8 ft.
S-540	2-5 ft.	6-7 ft.	8 ft.
C-340	2-5 ft.	6-7 ft.	8 ft.
C-440	2-5 ft.	6-7 ft.	8 ft.
C-540	2-5 ft.	6-7 ft.	8 ft.

NOTE: When using end brackets on short run supply and return pipes, additional bracket(s) may be required.

### OPTIONS

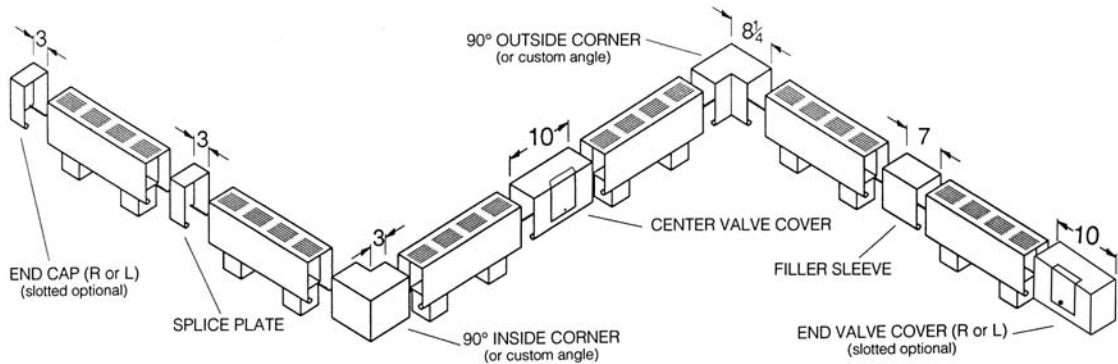
- Heavier gauge cover.
- Access door, field installed.
- Architectural aluminum grille.
- Custom color.

# RATINGS

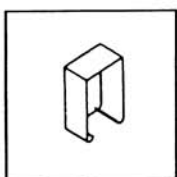
Cover Type	Enclosure Height	Element Type	Tube Size and Material	Fin Size and Material	Fins Per Foot	Steam 1 PSI * Btu/Hr. Per Foot	HOT WATER RATINGS* BTU/HR./FT. (Flow Rate 3 Ft./Sec.)							
							150° F	160° F	170° F	180° F	190° F	200° F	210° F	220° F
FS-7	7"	S-532	1 1/4" steel	4 1/4" steel	32	1290	581	684	787	890	1006	1109	1226	1355
		S-540	1 1/4" steel	4 1/4" steel	40	1390	626	737	848	959	1084	1195	1321	1460
		C-340	3/4" copper	4 1/4" alum.	40	1579	711	837	963	1090	1232	1358	1500	1658
		C-440	1" copper	4 1/4" alum.	40	1670	752	885	1019	1152	1303	1436	1587	1754
		C-540	1 1/4" copper	4 1/4" alum.	40	1640	738	869	1000	1132	1279	1410	1558	1722
FS-14	14"	S-532	1 1/4" steel	4 1/4" steel	32	1330	599	705	811	918	1037	1144	1264	1397
		S-540	1 1/4" steel	4 1/4" steel	40	1540	693	816	939	1063	1201	1324	1463	1617
		C-340	3/4" copper	4 1/4" alum.	40	1782	802	945	1087	1230	1390	1532	1693	1871
		C-440	1" copper	4 1/4" alum.	40	1890	851	1002	1153	1304	1474	1625	1796	1985
		C-540	1 1/4" copper	4 1/4" alum.	40	1850	833	981	1129	1277	1443	1591	1758	1943
FS-14 Two-tier element/	14"	S-532	1 1/4" steel	4 1/4" steel	32	1850	833	981	1129	1277	1443	1591	1758	1943
		S-540	1 1/4" steel	4 1/4" steel	40	1955	880	1036	1193	1349	1525	1681	1857	2053
		C-340	3/4" copper	4 1/4" alum.	40	2311	1040	1225	1410	1595	1803	1988	2196	2427
		C-440	1" copper	4 1/4" alum.	40	2450	1103	1299	1495	1690	1911	2107	2328	2573
		C-540	1 1/4" copper	4 1/4" alum.	40	2400	1080	1272	1464	1656	1872	2064	2280	2520
FS-21	21"	S-532	1 1/4" steel	4 1/4" steel	32	1610	725	853	982	1111	1256	1385	1530	1691
		S-540	1 1/4" steel	4 1/4" steel	40	1675	754	888	1022	1156	1307	1441	1591	1759
		C-340	3/4" copper	4 1/4" alum.	40	2008	903	1064	1225	1386	1566	1727	1908	2108
		C-440	1" copper	4 1/4" alum.	40	2130	959	1129	1299	1470	1661	1832	2024	2237
		C-540	1 1/4" copper	4 1/4" alum.	40	2085	938	1105	1272	1439	1626	1793	1981	2189
FS-21 Two-tier element/	21"	S-532	1 1/4" steel	4 1/4" steel	32	2140	963	1134	1305	1477	1669	1840	2033	2247
		S-540	1 1/4" steel	4 1/4" steel	40	2245	1010	1190	1369	1549	1751	1931	2133	2357
		C-340	3/4" copper	4 1/4" alum.	40	2648	1192	1404	1616	1827	2066	2277	2507	2781
		C-440	1" copper	4 1/4" alum.	40	2810	1265	1489	1714	1939	2192	2417	2670	2951
		C-540	1 1/4" copper	4 1/4" alum.	40	2750	1238	1458	1678	1897	2145	2365	2613	2888
FS-21 Three-tier element/	21"	S-532	1 1/4" steel	4 1/4" steel	32	2380	1071	1261	1452	1642	1856	2047	2261	2499
		S-540	1 1/4" steel	4 1/4" steel	40	2540	1143	1346	1549	1753	1981	2184	2413	2667
		C-340	3/4" copper	4 1/4" alum.	40	3005	1352	1593	1833	2073	2344	2584	2854	3155
		C-440	1" copper	4 1/4" alum.	40	3180	1431	1685	1940	2194	2480	2735	3021	3339
		C-540	1 1/4" copper	4 1/4" alum.	40	3120	1404	1654	1903	2153	2434	2683	2964	3276

For ratings at lower water temperatures, refer to conversion table on page 33.  
\*Based on 65°F entering air temperature.

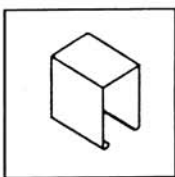
# ACCESSORIES



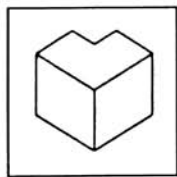
## telescopic accessories



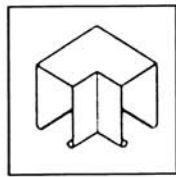
End Cap



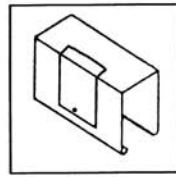
Filler Sleeve



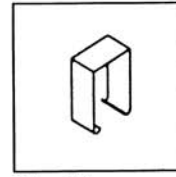
Outside Corner



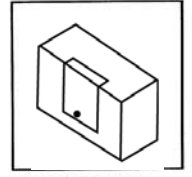
Inside Corner



Center Valve Cover



Splice Plate



End Valve Cover  
Access doors: 6" x 6"