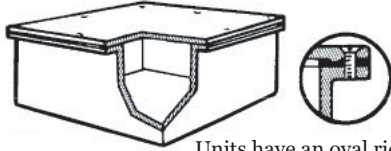


FLAT FLANGED JUNCTION BOXES

TYPE FF - cast iron
 TYPE FF-A - cast aluminum
 For surface mounting

WATERTIGHT (NEMA 4) - SUBMERSIBLE (NEMA 6) -
 RAIN TIGHT (UL LISTED)

Other applicable NEMA ratings - see page 1



Units have an oval ridge on the underside of the cover for a good seal and on the corner rib under the flange for strength.



File E28142 (118C) and E48330 (206C)

Type FF boxes feature wide flanges (from 3/4" on small boxes to over 1 1/2" on large boxes) that provide ample contact between cover and gasket to insure tightness under widely varying climatic conditions and where they may be subjected to dripping, splashing, or hose-directed water. These boxes are watertight and suitable for occasional submersion under 6 feet of water for 30 minutes.

Note: For greater submersibility requirements use type HF (see page 11)

Standard Construction:

1. Cast iron or cast aluminum box and cover
2. Hot-dip galvanized finish- cast iron
3. Neoprene gasket
4. Stainless steel cover screws
5. Flange ground before galvanizing
6. Mounting Lugs are standard on boxes over 100 cubic inches internal volume and optional on boxes 100 cubic inches or less

At Additional Cost: (See pages 15-18)

1. Slip holes or drilled and tapped holes
2. Bosses to provide five full threads
3. Mounting plate
4. Interior mounting buttons, blind tapped

For ordering instructions, see pages 15-18

CATALOG NUMBER		INSIDE DIMENSIONS INCHES LxWxH	APRX. WALL THICK INCHES	APRX. WT. LBS. IRON
IRON	ALUMINUM			
FF 040403	FF 040403 -A	4 x 4 x 3	1/4	7
FF 040404	FF 040404 -A	4 x 4 x 4	1/4	8
FF 050504	FF 050504 -A	5 x 5 x 4	1/4	10
FF 060403	FF 060403 -A	6 x 4 x 3	1/4	8
FF 060404	FF 060404 -A	6 x 4 x 4	1/4	9
FF 060603	FF 060603 -A	6 x 6 x 3	1/4	12
FF 060604	FF 060604 -A	6 x 6 x 4	1/4	18
FF 060606	FF 060606 -A	6 x 6 x 6	1/4	19
FF 080403	FF 080403 -A	8 x 4 x 3	1/4	11
FF 080404	FF 080404 -A	8 x 4 x 4	1/4	12
FF 080603	FF 080603 -A	8 x 6 x 3	1/4	15
FF 080604	FF 080604 -A	8 x 6 x 4	1/4	17
FF 080606	FF 080606 -A	8 x 6 x 6	1/4	23
FF 080804	FF 080804 -A	8 x 8 x 4	1/4	24
FF 080806	FF 080806 -A	8 x 8 x 6	1/4	29
FF 080808	FF 080808 -A	8 x 8 x 8	1/4	34
FF 100604	FF 100604 -A	10 x 6 x 4	1/4	23
FF 100605	FF 100605 -A	10 x 6 x 5	1/4	26
FF 100804	FF 100804 -A	10 x 8 x 4	1/4	31
FF 100806	FF 100806 -A	10 x 8 x 6	1/4	36
FF 100808	FF 100808 -A	10 x 8 x 8	1/4	44
FF 101004	FF 101004 -A	10 x 10 x 4	1/4	33
FF 101006	FF 101006 -A	10 x 10 x 6	1/4	42
FF 101008	FF 101008 -A	10 x 10 x 8	9/32	48
FF 120404	FF 120404 -A	12 x 4 x 4	1/4	24
FF 120603	FF 120603 -A	12 x 6 x 3	1/4	22
FF 120604	FF 120604 -A	12 x 6 x 4	1/4	27
FF 120606	FF 120606 -A	12 x 6 x 6	1/4	33
FF 120804	FF 120804 -A	12 x 8 x 4	1/4	32
FF 120806	FF 120806 -A	12 x 8 x 6	1/4	42
FF 120808	FF 120808 -A	12 x 8 x 8	1/4	55
FF 121004	FF 121004 -A	12 x 10 x 4	1/4	46
FF 121006	FF 121006 -A	12 x 10 x 6	1/4	49
FF 121008	FF 121008 -A	12 x 10 x 8	1/4	48
FF 121204	FF 121204 -A	12 x 12 x 4	5/16	47
FF 121206	FF 121206 -A	12 x 12 x 6	5/16	57
FF 121207	FF 121207 -A	12 x 12 x 7	5/16	63
FF 121208	FF 121208 -A	12 x 12 x 8	5/16	70
FF 121210	FF 121210 -A	12 x 12 x 10	5/16	78
FF 121212	FF 121212 -A	12 x 12 x 12	5/16	90
FF 121218	FF 121218 -A	12 x 12 x 18	3/8	130
FF 140804	FF 140804 -A	14 x 8 x 4	1/4	38
FF 140806	FF 140806 -A	14 x 8 x 6	1/4	43
FF 140808	FF 140808 -A	14 x 8 x 8	1/4	55
FF 141206	FF 141206 -A	14 x 12 x 6	5/16	75
FF 141406	FF 141406 -A	14 x 14 x 6	5/16	80
FF 141408	FF 141408 -A	14 x 14 x 8	5/16	91
FF 141410	FF 141410 -A	14 x 14 x 10	1/4	100
FF 161204	FF 161204 -A	16 x 12 x 4	1/4	65
FF 161206	FF 161206 -A	16 x 12 x 6	5/16	74
FF 161208	FF 161208 -A	16 x 12 x 8	5/16	85
FF 161606	FF 161606 -A	16 x 16 x 6	9/32	107
FF180606	FF180606 -A	18 x 6 x 6	9/32	60

CATALOG NUMBER		INSIDE DIMENSIONS INCHES LxWxH	APRX. WALL THICK INCHES	APRX. WT. LBS. IRON
IRON	ALUMINUM			
FF 180804	FF 180804 -A	18 x 8 x 4	1/4	50
FF180806	FF180806 -A	18 x 8 x 6	9/32	55
FF 181204	FF 181204 -A	18 x 12 x 4	1/4	70
FF 181206	FF 181206 -A	18 x 12 x 6	5/16	87
FF 181208	FF 181208 -A	18 x 12 x 8	5/16	100
FF 181210	FF 181210 -A	18 x 12 x 10	5/16	115
FF 181212	FF 181212 -A	18 x 12 x 12	5/16	130
FF 181218	FF 181218 -A	18 x 12 x 18	11/32	173
FF 181806	FF 181806 -A	18 x 18 x 6	5/16	130
FF 181808	FF 181808 -A	18 x 18 x 8	5/16	150
FF 181810	FF 181810 -A	18 x 18 x 10	5/16	160
FF 181812	FF 181812 -A	18 x 18 x 12	5/16	210
FF 240808	FF 240808 -A	24 x 8 x 8	5/16	100
FF 241206	FF 241206 -A	24 x 12 x 6	5/16	120
FF 241208	FF 241208 -A	24 x 12 x 8	5/16	130
FF 241212	FF 241212 -A	24 x 12 x 12	5/16	160
FF 241806	FF 241806 -A	24 x 18 x 6	11/32	165
FF 241808	FF 241808 -A	24 x 18 x 8	11/32	180
FF 241810	FF 241810 -A	24 x 18 x 10	11/32	190
FF 241812	FF 241812 -A	24 x 18 x 12	11/32	235
FF 241818	FF 241818 -A	24 x 18 x 18	7/16	350
FF 242406	FF 242406 -A	24 x 24 x 6	11/32	220
FF 242408	FF 242408 -A	24 x 24 x 8	11/32	235
FF 242410	FF 242410 -A	24 x 24 x 10	3/8	250
FF 242412	FF 242412 -A	24 x 24 x 12	3/8	320
FF 242418	FF 242418 -A	24 x 24 x 18	3/8	380
FF 281208	FF 281208 -A	28 x 12 x 8	3/8	160
FF 281212	FF 281212 -A	28 x 12 x 12	5/16	180
FF 300606	FF 300606 -A	30 x 6 x 6	3/8	90
FF 302408	FF 302408 -A	30 x 24 x 8	3/8	300
FF 302410	FF 302410 -A	30 x 24 x 10	3/8	325
FF 302412	FF 302412 -A	30 x 24 x 12	3/8	370
FF 302418	FF 302418 -A	30 x 24 x 18	3/8	485
FF 303012	FF 303012 -A	30 x 30 x 12	3/8	500
FF 360606	FF 360606 -A	36 x 6 x 6	9/32	120
FF 360808	FF 360808 -A	36 x 8 x 8	9/32	135
FF 361212	FF 361212 -A	36 x 12 x 12	3/8	250
FF 361806	FF 361806 -A	36 x 18 x 6	3/8	240
FF 361808	FF 361808 -A	36 x 18 x 8	3/8	270
FF 361812	FF 361812 -A	36 x 18 x 12	3/8	345
FF 361818	FF 361818 -A	36 x 18 x 18	3/8	485
FF 362408	FF 362408 -A	36 x 24 x 8	3/8	340
FF 362418	FF 362418 -A	36 x 24 x 18	7/16	610
FF 363018	FF 363018 -A	36 x 30 x 18	7/16	700
FF 363024	FF 363024 -A	36 x 30 x 24	7/16	820
FF 363230	FF 363230 -A	36 x 32 x 30	1/2	1000
FF 363608	FF 363608 -A	36 x 36 x 8	7/16	505
FF 363612	FF 363612 -A	36 x 36 x 12	7/16	570
FF 363618	FF 363618 -A	36 x 36 x 18	7/16	800
FF 422024	FF 422024 -A	42 x 20 x 24	1/2	700
FF 483024	FF 483024 -A	48 x 30 x 24	1/2	930
FF 542424	FF 542424 -A	54 x 24 x 24	1/2	1170
FF 723016	FF 723016 -A	72 x 30 x 16	1/2	1100

Conduit connections in submersible enclosures should be made with pipe-thread sealing compound, with the sealant made of material that will not interrupt the grounding continuity of the conduit run.