



R1100-PR

PROMENADE DECK DRAIN

Specification: MIFAB® Series R1100-PR lacquered cast iron roof drain with anchor flange, cast iron waterproofing membrane clamp ring, and standard 1" (25) thick, 8" (203) square adjustable ductile iron tractor grate with 3/8" (9) maximum width drainage slots and a free area of 20 square inches.

Function: Used in any type of flat roofs and gutters designed for promenade or recreational areas. Square top blends in with tile and brick patterns and has enough free area for efficient drainage of rainwater. Narrow, 3/8" (9) drainage slots prevent debris from entering the drain line. 8" diameter body is ideal for applications with limited space. Anchor flange and membrane clamp with tongue in groove design provides for secure grip of membrane and roof flashing materials.

Add 1/2" TO DIM, AND 3/16" TO HEIGHT FOR NB, SS VENEER

1" (25) THICK, DUCTILE IRON, ADJUSTABLE TRACTOR GRATE ASSEMBLY (F1420-TA-4)

FULL 4" (102) THROAT

HARDWARE SET (HS-1)

STRAINER ADJUSTMENT (SEE CHART)

BODY HEIGHT (SEE CHART)

OPTIONAL UNDERDECK CLAMP (A1-C3) AND HARDWARE SET (HS-3) (SUFFIX -U)

PIPE SIZE (SEE CHART BELOW)

3/8" (9) MAXIMUM WIDTH DRAINAGE SLOTS

8" (203) x 8" (203)

WEEPHOLES FOR DOUBLE DRAINAGE

MEMBRANE CLAMP (A1-C1)

SECONDARY WEEPHOLES

A1 8" (203) DIAMETER BODY


SERRATED ANCHOR FLANGE

MACHINED INTEGRAL BODY THREADS (4" (102) N.P.S.)


R1100-PR Series Meets ANSI/ASME roof drain standard A112.21.2M-1983

Metric equivalents see chart below. (Dimension) Denotes Millimetres


PARTS:




A1 BODY



F1420-TA-4



A1-C1



HS-1

Note: Deck opening - 6 3/8" (162) with sump receiver - 8 1/2" (216)

Note: When used in exterior areas and subject to rainfall, ensure that the free area is equal to twice the transverse (cross sectional) area of the connecting pipe.

STRAINER DIAMETER	STRAINER ADJUSTMENT		ANSI/ASME RATING		PIPE SIZE	BODY HEIGHT				
	MIN	MAX	FREE AREA	LOAD RATING		NO HUB (STANDARD)	PUSH ON (P)	THREADED (T)	INSIDE CAULK (X)	PVC/ABS (-30)/(-31)
8" x 8" (203) x (203)	1 3/4" (45)	2 5/8" (67)	12 in ² (30,480 ²)	ANSI/ASME LOAD CLASS "SPECIAL DUTY" (OVER 10,000 LBS.)	2" (51)	2 3/4" (70)	3 3/8" (86)	2 1/4" (57)	3 3/4" (95)	2 15/16" (75)
					3" (76)	2 3/4" (70)	3 3/8" (86)	2 5/8" (67)	3 3/4" (95)	3" (76)
					4" (102)	2 3/4" (70)	3 3/8" (86)	2 5/8" (67)	3 3/4" (95)	3" (76)
					5" (127)	2 3/4" (70)	-	2 5/8" (67)	3 3/4" (95)	-
					6" (152)	3 1/4" (83)	4 3/4" (121)	-	-	-

OPTIONAL VARIATIONS: SUFFIX

- Nickel bronze (veneer) -1
- Stainless steel (veneer) -3
- Ductile iron grate (standard) -4
- Sediment bucket -5
- Vandal proof -6
- Acid resistant epoxy coating -11
- Galvanized top assembly -12
- All galvanized -13
- Adjustable extension -15
- Secondary flat stainless steel strainer (2", 3", 4") -21
- Chained grate -23

SUFFIX

- Bronze body -27
- Stainless steel body (Type 304) -28
- Stainless steel body (Type 316) -29
- PVC socket connection body -30
- ABS socket connection body -31
- Closure plug -34
- Threaded side outlet (2", 3", 4") -90
- No Hub side outlet (cast iron only) (2", 3", 4") -90NH
- Client logo -95
- No hub outlet (Standard) -B
- Sump receiver -P
- Push on outlet -P

SUFFIX

- Threaded outlet -T
- Underdeck clamp -U
- Underdeck clamp with cutaway side -U3
- Water proofing flange -W-1
- Inside caulk outlet -X
- Vertical expansion joint (see R1900) -XJ
- Extended wide elastometric flange -Z

Job Name: _____	Page No: _____
Section No: _____	Contractor: _____
Schedule No: _____	Purchase Order No: _____