

Frank Pattern™ Roof Drains

852N, 852SN, 853N, 853SN, 854N, 854SN
Specification Sheet

Part Number	Description	
852N	2" Bottom Outlet	
852SN	2" Side Outlet	
853N	2" Bottom Outlet	
853SN	3" Side Outlet	
854N	4" Bottom Outlet	
854SN	4" Side Outlet	
Replacement Parts		QTY
850-003	Strainer Dome Grate	1
850-006	Flashing Ring	1

SPECIFICATION

For use on flat built-up roof systems to facilitate water drainage where water can collect. Drain unit consists of cast iron main body, flashing ring leaf guard and strainer dome. Flashing ring secured to main body with stainless steel fasteners. Suitable for built-up hot mop roof systems and single ply roof.

DESIGN FEATURES

- Cast iron main dome body and top flange with corrosion resistant coating
- Removable twist-off strainer dome
- Leaf guard ring flashing
- Stainless steel fasteners

COMPLIANCES/LISTINGS

- Compliant to ASME A112.6.4 standards listed in IAPMO File: 4192
- Compliant to Uniform Plumbing Code (UPC®)
- Compliant to International Plumbing Code (IPC®)



INSTALLATION

1. Remove strainer dome grate and flashing ring from body casting. Leave studs in place.
2. Cut circular hole in roof substrate and position drain body casting in place.
3. Fasten with appropriate screws at each flange corner.
4. Ensure drain top flange is clean and lay roofing ply sheets down into sump and over flange.
5. Poke studs through roofing ply.
6. Fasten flashing ring in place and attach dome grate.

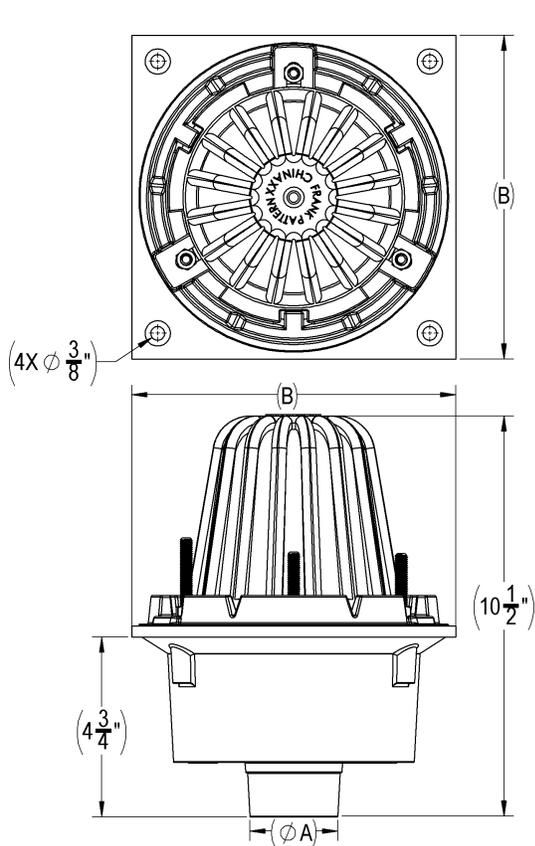


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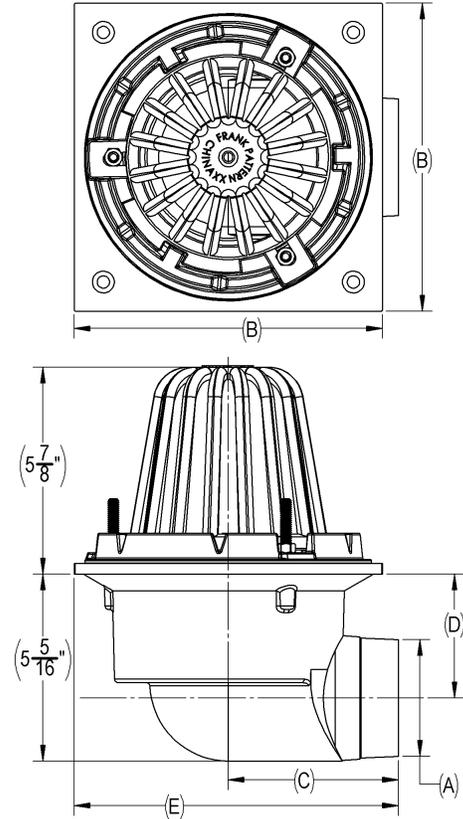
Revised 05/2017

Product Submittal	
Job Name:	
Date:	
Part Number	Quantity
Architect:	
Contractor:	

DIMENSIONS



Bottom Outlet



Side Outlet

Part Number	Drain Connection	Drain Pipe Size	Dimensions (Inches)				
			A	B	C	D	E
852N	No Hub	2"	2-5/16	8-1/2	-	-	-
852SN	No Hub	2"	2-5/16	8-3/4	4-13/16	4-1/16	9-3/16
853N	No Hub	3"	3-5/16	8-1/2	-	-	-
853SN	No Hub	3"	3-5/16	8-3/4	4-13/16	3-1/2	9-3/16
854N	No Hub	4"	4-3/8	8-3/4	-	-	-
854SN	No Hub	4"	4-3/8	8-3/4	4-13/16	3	9-3/16



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