

G

DRAWING NUMBER  
S1085

SIZE  
A

SCALE:  
NONE

DATE:  
5-24-85

APPROVED BY:  
TD

CHECKED BY:  
TD

DRAWN BY:  
PJ

1085, 1089

FIGURE NUMBER



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MEMBER OF:



LOCATION

# LARGE SPECIAL PURPOSE ROOF DRAINS

## RAINTROL® ROOF DRAIN SLOPED ROOF DESIGN

**FUNCTION:** Used to control the flow of rain water off a roof. Trapezoidal weirs limit the flow to the leaders. Adjustable to provide various flow rates as required.

Free Area  
122 SQ IN  
(787) SQ CM

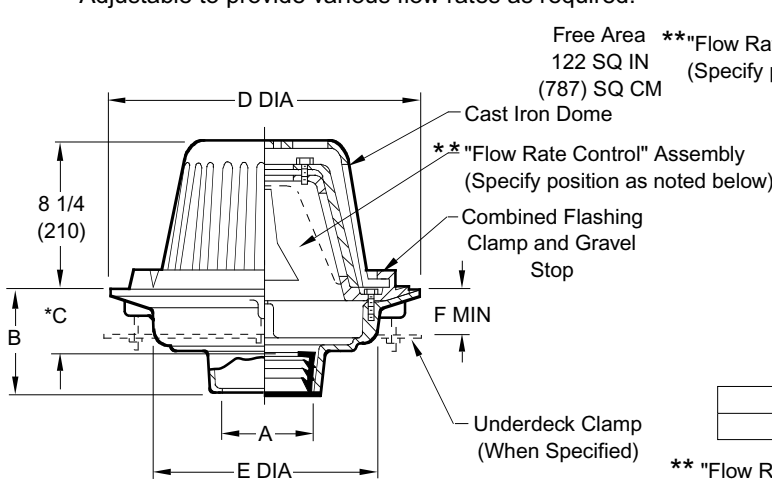


Fig. 1085C ..... CAULK OUTLET  
 Fig. 1085Y ..... NO-HUB OUTLET

\*This Dimension to Internal Stop of Speedi-Set Gasket.

**NOTE:** Please call our main office or your local Representative if more information on selection, sizing and placement of our "Raintrol" roof drains is required.

### recommended deck opening

outlet size	with suffix-R	less suffix-R
02(50),03(75),04(100)	17(430)	14(355)
05(125),06(150)	DIA	DIA

A SIZE	B (BOTTOM OUTLET)						SIDE OUTLET		
	CAULK, NO-HUB, & SPEEDI-SET	THREADED	C	D DIA	E DIA	F MIN	G	H	J
02(50),03(75),04(100)	5(125)	3 3/4(95)	3 3/4(95)	15 1/4(390)	11(280)	1 1/8(29)	4 3/4(120)	6(150)	7 3/4(195)
05(125),06(150)	5(125)	3 3/4(95)	3 3/4(95)	15 1/4(390)	11(280)	1 1/8(29)	6 1/4(160)	6 7/8(175)	7 3/4(195)

### REGULARLY FURNISHED:

Duco Cast Iron Body with Combined Flashing Clamp and Gravel Stop with Adjustable "Flow Rate Control" Assembly and Cast Iron Dome.

**NOTE:** Dimensions shown in parentheses are in millimeters.

### VARIATIONS:

- Expansion Joint (Specify Fig. 1710) (Fig. 1085 only)
- Extension -E (Specify Height)
- "L" Shaped Underdeck Clamp -CL
- L Speedi-Set Service Weight  
02(50), 03(75) & 04"(100) sizes only (Fig. 1085 only)
- LXH Speedi-Set Extra Heavy  
02(50), 03(75) & 04"(100) sizes only (Fig. 1085 only)
- NO-HUB Adaptor (Specify Fig. 2646Y) (Fig. 1089 only)
- Non-Adjustable "Flow Rate Control" Assembly
- Secondary Flashing Clamp -C2
- Sump Receiver -R
- Underdeck Clamp -C
- Vandal Proof Dome -U
- T Threaded Outlet

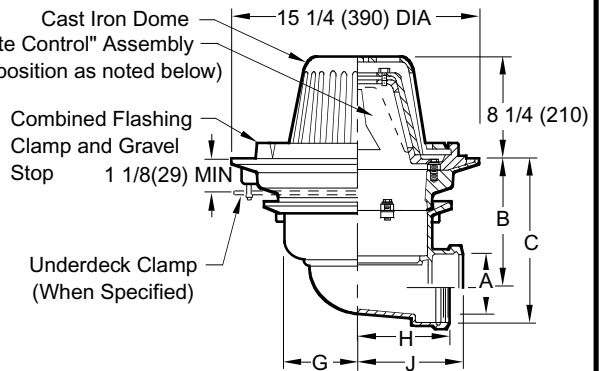


Fig. 1089C 02(50), 03(75) & 04"(100) CAULK OUTLET  
 Fig. 1089T 02(50), 03(75) & 04"(100) THREADED OUTLET

\*\* "Flow Rate Control" Assembly (Specify position as noted below)

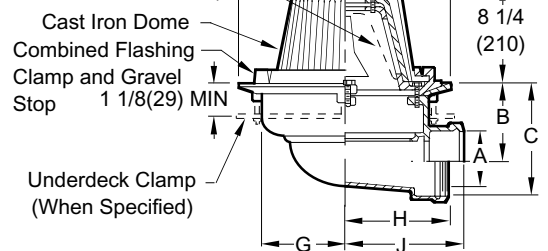


Fig. 1089C 05(125) & 06"(150) CAULK OUTLET  
 Fig. 1089T 05(125) & 06"(150) THREADED OUTLET

### (SIDE OUTLET)

A SIZE	02(50)	03(75)	04(100)	05(125)	06(150)
B	6 7/8 (175)	6 3/8 (162)	5 7/8 (149)	5 (125)	4 1/2 (115)
C	8 5/8 (219)	8 3/4 (220)	8 3/4 (220)	8 1/2 (215)	8 1/2 (215)

### OPTIONAL MATERIALS:

- Aluminum Dome -AD
- Galvanized Cast Iron Body & Collar -G
- Galvanized Cast Iron Dome -CIDG
- Rough Bronze Dome -RBD

### ALWAYS SPECIFY NUMBER OF WEIR OPENINGS

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(-WR1)	(-WR2)	(-WR3)	(-WR4)

\*\*NOTE:

- (-WR1) 1 WEIR OPENING
- (-WR2) 2 WEIR OPENING
- (-WR3) 3 WEIR OPENING
- (-WR4) 4 WEIR OPENING

REV.	DATE	DESCRIPTION	BY	CKD. BY
G	5-26-99	Rev. Opt. Mat.	CMD	BS
F	1-29-96	Added Millimeters	EMB	BS
E	7-11-94	Revised	EMB	BS
D	6-2-93	Submittal Update	EMB	BS
C	1-87	Revised Function	VGD	CR

WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
		<b>1085, 1089</b>

**1085, 1089**

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE