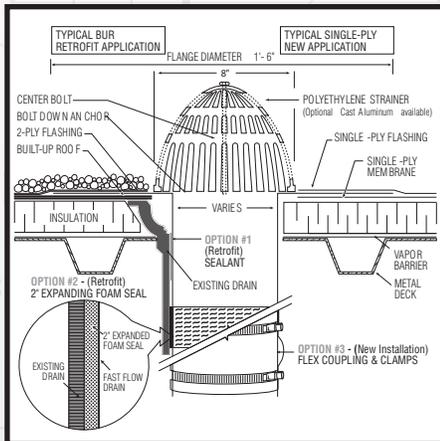


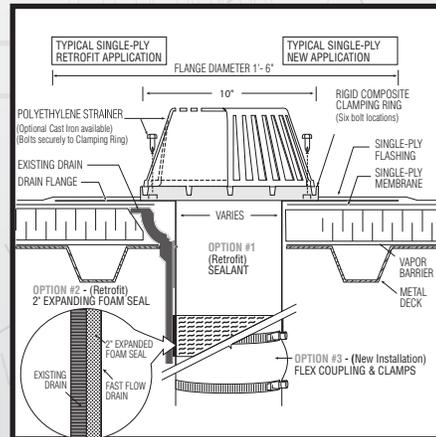
# ALUMINUM FAST FLOW ROOF DRAINS

## THE "INTIMIDATOR" 8" RETROFIT DRAIN WITH CLAMPING RING

- Constructed of a heavy gauge Spun Aluminum
- All common sizes available for new and retrofit styles
- Quick & Easy to install & maintain
- Bolt-in-place PVC strainer dome standard, cast iron or aluminum strainers optional
- Efficient and economical
- Standard with expanding tape for anti-backup
- Available in 2", 3", 4", 5", 6", and 8" as well as non-standard sizes
- Optional ProSeal available for anti-backup



## THE "INTIMIDATOR" 8" RETROFIT DRAIN

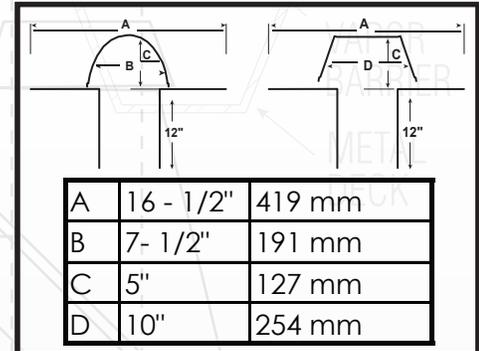


# ALUMINUM FAST FLOW ROOF DRAINS

## RETROFIT

PART #	FITS EXISTING DRAIN PIPE SIZE		OUTLET OUTSIDE DIAMETER	
	inches	mm	inches	mm
<b>FAST FLOW DRAIN</b>				
FF175	1-3/4"	44 mm	1.625"	41 mm
FF275	2-3/4"	70 mm	2.625"	67 mm
FF375	3-3/4"	95 mm	3.625"	92 mm
FF475	4-3/4"	121 mm	4.625"	118 mm
FF575	5-3/4"	146 mm	5.625"	143 mm
<b>FAST FLOW DRAIN w/ Clamping Ring (CR)</b>				
FF175CR	1-3/4"	44 mm	1.625"	41 mm
FF275CR	2-3/4"	70 mm	2.625"	67 mm
FF375CR	3-3/4"	95 mm	3.625"	92 mm
FF475CR	4-3/4"	121 mm	4.625"	118 mm
FF575CR	5-3/4"	146 mm	5.625"	143 mm
FF775-CR	7-3/4"	197 mm	7.625"	194 mm
<b>FAST FLOW DRAIN w/ Expanding Anti Back-Up Seal</b>				
FF175-S	1-3/4"	44 mm	1.625"	41 mm
FF275-S	2-3/4"	70 mm	2.625"	67 mm
FF375-S	3-3/4"	95 mm	3.625"	92 mm
FF475-S	4-3/4"	121 mm	4.625"	118 mm
FF575-S	5-3/4"	146 mm	5.625"	143 mm
<b>FAST FLOW DRAIN w/ Expanding Anti Back-Up Seal &amp; Clamping Ring (CR)</b>				
FF175-SCR	1-3/4"	44 mm	1.625"	41 mm
FF275-SCR	2-3/4"	70 mm	2.625"	67 mm
FF375-SCR	3-3/4"	95 mm	3.625"	92 mm
FF475-SCR	4-3/4"	121 mm	4.625"	118 mm
FF575-SCR	5-3/4"	146 mm	5.625"	143 mm
FF775-SCR	7-3/4"	197 mm	7.625"	194 mm

## DIMENSIONS



## INSTALLATION

**STEP 1:** Determine exact dimension of drain pipe. Select appropriate drain to connect to or fit inside the existing drain pipe. Retro-fit drain may be set in a shallow bowl or directly on roof membrane with deck opening of at least 1" (25mm) greater than the leader size into which the drain will be inserted. The flange is adaptable to all membranes.

**STEP 2:** For Fast Flow with expandable tape the installer removes the exterior restraining tape and immediately sets the retro drain in place. The released tape gradually expands to fill the space between the Fast Flow drain and the existing drain sleeve making the connection watertight. Direct-connect design utilizes flexible expansion-type connectors to prevent failure from movement of roof deck or drain.

**STEP 3:** Flash drain flange in accordance with membrane manufacturer's instructions.

## NEW INSTALLATION DIRECT-CONNECT

PART #	FITS EXISTING DRAIN PIPE SIZE		OUTLET OUTSIDE DIAMETER	
	inches	mm	inches	mm
<b>FAST FLOW DRAIN</b>				
FF200	2"	51 mm	2.125"	54 mm
FF300	3"	76 mm	3.125"	79 mm
FF400	4"	102 mm	4.125"	105 mm
<b>FAST FLOW DRAIN w/ Clamping Ring (CR)</b>				
FF200CR	2"	51 mm	2.125"	54 mm
FF300CR	3"	76 mm	3.125"	79 mm
FF400CR	4"	102 mm	4.125"	105 mm

## OPTIONS

CONNECTION OPTIONS:	
Straight Rubber Coupling	2", 3", 4", 6", 3" to 2", 4" to 3", 6" to 5"
XJ Rubber Coupling	2", 3", & 4"
Bushing Reducers	2", 3", & 4"
FERNCO 90° Elbow	2", 3", & 4"
FLANGE OPTIONS:	
Primed Finish	8" Aluminum Strainer
PVC Coated/ TPO Coated	10" Cast Iron Strainer (CR Style)
STRAINER OPTIONS:	