



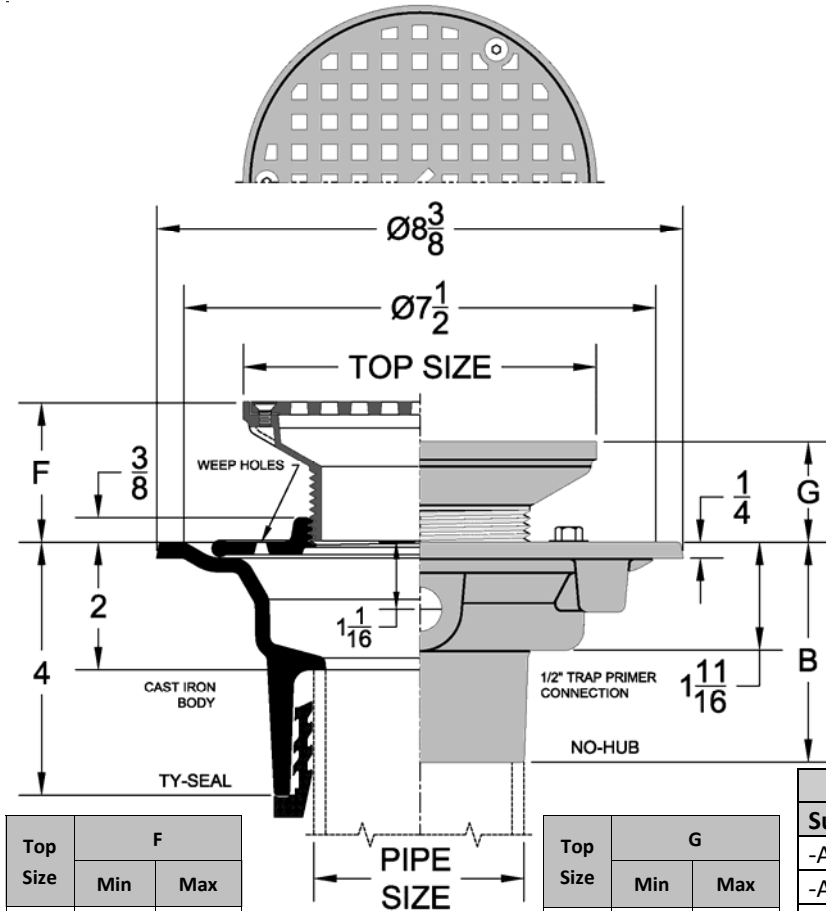
FLOOR & AREA DRAINS



Installation Instructions

1100-A

1100-A Floor Drain Body with Adjustable Top Assembly



Top Size	F	
	Min	Max
5	1 7/16	2 1/8
6	1 1/2	2 3/8
7	1 3/8	2 1/4
8	1 3/8	2 1/4
10	1 7/8	3 1/4

Top Size	G	
	Min	Max
5	15/16	1 5/8
6	1	1 3/4
7	1	1 3/4
8	1	1 5/8
10	1 5/8	2 5/8

Top Size & Type	•			Grate Free Area (Sq. In.)
	-1 Cast Iron Body with Satin Finish Nickel Bronze Top	-2 Cast Iron Body with Satin Finish Bronze Top	-85 Cast Iron Body with Satin Finish Stainless Steel Top	
A5				5.8
A6				7.7
A7				10.6
A8				14.0
A10				32.2

Regularly Furnished: Cast iron floor drain body with flange, integral clamping collar, seepage openings, 1/2" primer tap

Outlet Variations		
Type	Designation	•
Inside Caulk	2IC,3IC,4IC	
No-Hub	2NH,3NH,4NH,6NH*	
Push On Gasket	2TY,3TY,4TY	
Threaded	2IPS,3IPS,4IPS	

Project	
Engineer	
Mechanical	

Note: When used as a floor or area drain in exterior applications subject to rainfall, a free area equal to twice the traverse (cross sectional) area of the pipe size is recommended.

2" (6.5 Sq. In.) 3" (14.0 Sq. In) 4" (25.0 Sq. In.)

*Dimensions vary from illustration

Outlet	No-Hub	Inside Caulk	Threaded
B	3 1/2	4 1/4	2 3/4

Suffix Options		
Suffix	Description	•
-ACG	Polyurea Coating	
-ARC	Acid Resistant Coating	
-DC	Debris Cover	
-DIA	Deck Installation Assembly*	
-EF4	4" Round Funnel Assembly *	-1
		-2
		-85
-EF6	6" Round Funnel Assembly *	-1
		-2
		-85
-EG6	6" Elongated Funnel Assembly*	-1
		-2
		-85
-EG8	8" Elongated Funnel Assembly*	-1
		-2
		-85
-SO	90 Degree Side Outlet (2IPS,3IPS,4IPS)	
-TSD	Trap Seal Device (See Model 4405)	
-VP	Vandal Proof Top Assembly	
-X	Heavy Duty Top Assembly (A6 Only)	
-23	Grate Riser (Extends Grate 3/8")	
-27	Sediment Bucket	
-31	Backwater Valve	
-33	Closure Plug	
-39	Galvanized Cast Iron	
-83	Special Engraving	
-94	Cast Iron Extension Adapter*	Painted
		-39
-102	Chrome Plated Top Assembly	

1100-A Floor & Area Drain Installation

The Wade 1100-A adjustable floor drain is suitable for most floor construction. The drain piping is first run to an elevation below the expected finish floor level. The piping must include a p-trap and the drain body is secured to the pipe with any of four connections; Threaded, No-Hub, Inside Caulk or Push-On. The type of connection must be specified upon ordering any Wade drain.

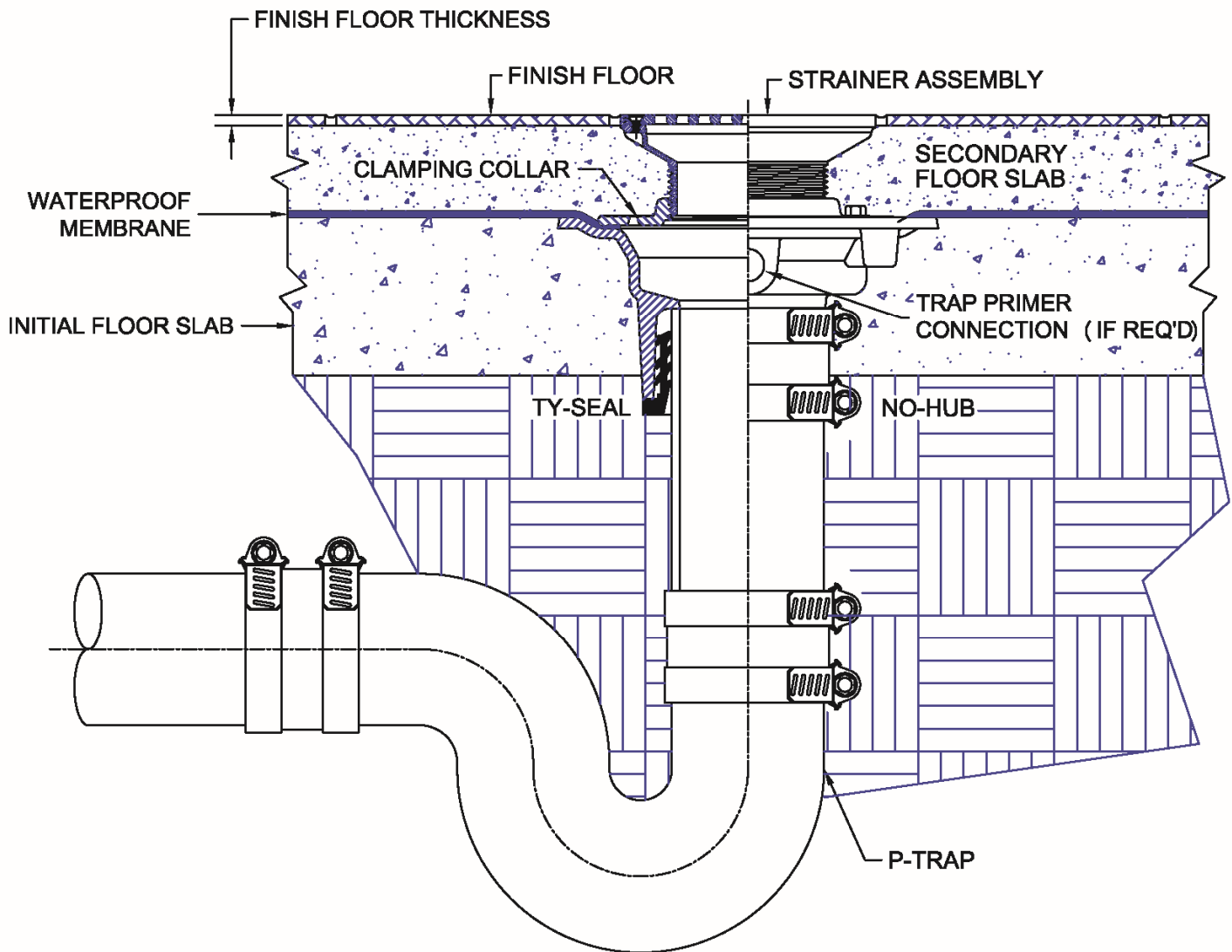
If the (TY) Push-On connections is specified, apply Tyler Ty-Seal lubricant to the inside surfaces of the gasket and then firmly push the drain body onto the pipe until it contacts the pipe stop in the body.

No-Hub outlets should be installed with a shielded coupling to the drain body (No-Hub connection). Tyler or Anaco Husky couplings are recommended. Secure with a torque wrench to the manufacturers recommendations.

Threaded or inside caulk connections should follow standard industry practices.

Once the body is connected to the pipe, the initial concrete sub-floor is poured to the elevation level with the top flange of the drain body. After sufficient time for the pour to cure, the waterproof membrane is applied over the floor surface and onto the top flange of the drain body. Cut a hole in the membrane at the drain center and install the membrane clamp device. The membrane must be clamped between the body and the clamp device. Tighten the three bolts.

The adjustable strainer assembly threads into the clamp device and is adjusted to the anticipated finish floor level. Note that the top of the strainer should be at the finish floor level or slightly below. The protective cover should be in place until the final concrete pour.



1100-A Floor & Area Drain Installation

If an optional funnel is required, remove the grate from the strainer shank and secure the funnel to the top surface with the two screws provided. Reinstall the grate / funnel into the strainer shank and secure with screws.



1100-A Floor & Area Drain Installation

For areas where drains are infrequently used, a trap primer valve may be required. The Wade model 4402 is a pressure drop activated device which diverts a small amount off water to the trap whenever a lavatory or sink faucet is activated.

The trap primer valve is installed on a supply line to any fixture which provides suitable flow rates.

INSTALLATION

Flush supply piping prior to installation.

The Wade 4402 trap seal primer is designed to be installed on 1/2" to 1-1/2" cold water supply lines feeding flush valves, faucets supply or other valves which are frequently used. Unit must be installed near a fixture that creates a minimum of 3 PSIG pressure drop. The trap prime valve make-up piping to the floor drain is recommended to be a minimum of 12" off the finished floor before a 90 degree elbow is installed. The furthest recommended distance of piping from valve to drain is 20 feet. Piping from valve to drain must have a continuous slope. Valve must be installed in a vertical position and level. Do not subject valve to rough-in pressure test. Installation of an up stream service valve on the inlet side of the TPV is recommended. Do NOT use pipe dope – Teflon tape is recommended.

