

COPPER RETROFIT ROOF DRAINS

DIAMOND SERIES ROOF DRAINS

- FOR RE-ROOFING INSTALLATIONS
- FITS INSIDE EXISTING DRAIN

STRAIGHT STYLES



Features: Standard drains supplied with 18"–20 oz. copper large flange (LF)** and 10" bolt-secured strainer
 • Economy sizes supplied in 2", 3" and 4" sizes with 14" – 16 oz. copper small flange (SF)* and 10" bolt secured strainer when clamping ring option is specified • High density polyethylene strainer is standard • Optional cast iron alloy strainers are available on all drains • Clamping Ring option available on standard and economy models

Drain Pipe Size	STRAIGHT STYLE			STRAIGHT STYLE with Clamping Ring			Outlet	
	Cat #	Specification	Flange Size	Cat #	Specification	Flange Size	Outside Diameter	Overall Length
2" 51mm	DS29	DS 150x9(SF)*	14" 356 mm	DPS29CR	DPS 150x9CR(LF)**	18" 457 mm	1.50"	9" 229 mm
3" 76mm	DS39	DS 275x9(SF)*	14" 356 mm	DPS39CR	DPS 275x9CR(LF)**	18" 457 mm	2.75"	9" 229 mm
4" 102mm	DS49	DS 375x9(SF)*	14" 356 mm	DPS49CR	DPS 375x9CR(LF)**	18" 457 mm	3.75"	9" 229 mm
5" 127mm	DS59	DS 475x9(LF)**	18" 457 mm	DPS59CR	DPS 475x9CR(LF)**	18" 457 mm	4.75"	9" 229 mm
6" 152mm	DS69	DS 575x9(LF)**	18" 457 mm	DPS69CR	DPS 575x9CR(LF)**	18" 457 mm	5.75"	9" 229 mm
8" 203mm	DS89	DS 775x9(LF)**	18" 457 mm	DPS89CR	DPS 775x9CR(LF)**	18" 457 mm	7.75"	9" 229 mm
2" 51mm	—	—	—	DS29CR(E)	DS 175x9CR(SF)*	14" 356 mm	1.50"	9" 229 mm
3" 76mm	—	—	—	DS39CR(E)	DS 275x9CR(SF)*	14" 356 mm	2.75"	9" 229 mm
4" 102mm	—	—	—	DS49CR(E)	DS 375x9CR(SF)*	14" 356 mm	3.75"	9" 229 mm
2" 51mm	DS215	DS 150x15(SF)*	14" 356 mm	DPS215CR	DPS 150x15CR(LF)**	18" 457 mm	1.50"	15" 381 mm
3" 76mm	DS315	DS 275x15(SF)*	14" 356 mm	DPS315CR	DPS 275x15CR(LF)**	18" 457 mm	2.75"	15" 381 mm
4" 102mm	DS415	DS 375x15(SF)*	14" 356 mm	DPS415CR	DPS 375x15CR(LF)**	18" 457 mm	3.75"	15" 381 mm
5" 127mm	DS515	DS 475x15(LF)**	18" 457 mm	DPS515CR	DPS 475x15CR(LF)**	18" 457 mm	4.75"	15" 381 mm
6" 152mm	DS615	DS 575x15(LF)**	18" 457 mm	DPS615CR	DPS 575x15CR(LF)**	18" 457 mm	5.75"	15" 381 mm
				DS215CR(E)	DS 275x15CR(SF)*	14" 356 mm	1.50"	15" 381 mm
				DS315CR(E)	DS 275x15CR(SF)*	14" 356 mm	2.75"	15" 381 mm
				DS415CR(E)	DS 375x15CR(SF)*	14" 356 mm	3.75"	15" 381 mm

Note: For all single ply systems Marathon recommends the use of the clamping ring style.

OPTIONS

Flange Surface: State suffix based on roofing system used: **PRIMED** for BUR and MODIFIED BITUMEN; **PVC Coated** for PVC or CPA (co-polymer alloy) systems. Use **Plain** finish for EPDM systems. • TPO applications use clamping ring.

Strainers: Cast Iron alloy – 10" (254 mm)

Caulking:

Butyl Caulking (per cartridge)



Optional Strainers

INSTALLATION INSTRUCTIONS

Determine the exact inside dimension of the drain pipe. Select the appropriate drain to fit inside the existing drain pipe. Diamond Straight Drain may be set in a shallow bowl or directly on roof membrane with a 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. Apply a quality rubber type sealant liberally to the outside wall of the new drain outlet and to the inside wall of the old drain pipe. Set the new drain inside the old drain and/or pipe. Secure flange by setting in mastic or adhesive and mechanically fasten to the deck as necessary. Flash in drain flange in accordance with membrane manufacturer's instructions. If clamping option has been specified, hand tighten with a 7/16 wrench.



Quality Products for Professional Roofers