

**ICC-ES PMG Listing****PMG-1042**

Reissued: July 1, 2011

*This listing is subject to re-examination in one year.*

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CSI:            DIVISION: 22 00 00—PLUMBING  
                  Section: 22 40 00—Plumbing Fixtures

## Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Product:    Quick Drain USA low profile linear shower drains

Listee:      Quick Drain USA, LLC  
                  409 Main Street  
                  Post Office Box 1358  
                  Frisco, Colorado 80443  
                  [www.quickdrainusa.com](http://www.quickdrainusa.com)

## Compliance with the following codes:

2012 and 2009 *International Residential Code®* (IRC)  
2012 and 2009 *International Plumbing Code®* (IPC)  
2009 IAPMO *Uniform Plumbing Code* (UPC)

## Compliance with the following standard:

LC1022 PMG Listing Criteria for Rectangular Shower Drains  
ANSI A118.10-2008  
ASME A112.18.2/CSA B125.2-2005

## Identification:

Each box containing the Quick Drain USA low profile linear shower drain described in this listing must be identified by a stamp bearing the manufacturer's name (Quick Drain USA, LLC), the model number, and the ICC-ES PMG listing mark. The ICC-ES PMG listing number (PMG-1042) is optional.

## Installation:

Quick Drain USA, LLC, low profile linear shower drains are intended for use with tile showers. Both the shower drains and the liner must be installed in accordance with the manufacturer's published instructions and the applicable codes.

Ceramic tile must comply with ANSI A137.1.

Underlayment must comply with the applicable code and ANSI A118.10.

Models: Quick Drain USA’s low profile linear shower drains are composed of three parts:

- (a) A drain body made of 316L stainless steel
- (b) A removable strainer made of 304 stainless steel
- (c) A flexible flange made from material manufactured in accordance with ANSI A118.10

The drain body is a 1-inch-wide (25.4 mm) trough, running the length of the strainer and sloped on the bottom to drain into a vertical waste pipe. The waste pipe is offset from the center of the trough. The drain’s waste pipe has a 2-inch (50.8 mm) inside diameter. The waste pipe extends 2<sup>1</sup>/<sub>4</sub> inches (57.15 mm) below the lowest point in the trough. Connections to the building drain must be according to the applicable code. Extending from all four sides of the trough is a 1-inch-wide (25.4 mm) flange to which the membrane is attached.

The removable strainer is a snap-in type, 1<sup>1</sup>/<sub>2</sub> inches (38.1 mm) wide, that spans the length of the trough. Drainage holes are <sup>1</sup>/<sub>4</sub> inch wide (6.35 mm) and 1 inch long (25.4 mm) with rounded ends. The strainer material has a thickness of 0.051 inch (1.3 mm). Slots are provided on the strainer sides to allow drainage along the waterproof membrane.

The flexible flange is attached to the body in the factory with two different glue-sealants, under controlled conditions. The flexible flange is one solid piece of membrane with a hole cut through for the trough and strainer. The flange extends in a 6-inch (152.4 mm) width all the way around the drain. Specific models are noted in Table 1.

Conditions of Listing:

1. Application is limited to ceramic tile and dimension stone installations on floors, and to use as shower sub-pans or lining.
2. Documentation of the waterproof membrane’s conformance with ANSI A 118.10 must be supplied to the code official when requested.
3. Where installation is below the floor decking, any cutting or notching must be in conformance with the applicable code.
4. Quick Drain USA, LLC, low profile linear shower drains are manufactured in Denver, Colorado, under a quality control program with one annual inspection by Columbia Research and Testing Corporation (AA-527).

**TABLE 1—SHOWER DRAIN MODEL DESCRIPTIONS**

ITEM NO.	SIZE	TOTAL LENGTH (INCLUDES METAL FLANGE)	STRAINER LENGTH
LDBO30SS	30"	32"	30"
LDBO36SS	36"	38"	36"
LDBO40SS	40"	42"	40"
LDBO44SS	44"	46"	44"
LDBO48SS	48"	50"	48"
LDBO52SS	52"	54"	52"
LDBO58SS	58"	60"	58"

For SI: 1 inch = 25.4 mm.