

LIVETAP KWIK-DRAIN



- ✓ Zero Down-Time
- ✓ Time, Energy & Cost Saving
- ✓ No Drain Down

Overview

Kwik-Drain allows you to quickly install a drain connector in the most beneficial location on the system without draining down.

Specification

Max working pressure.....12 bar (175 psi)

Swarf retention.....Magnets placed inside the shell cutters retain metal filings, swarf and shavings.

Clear drilling space

Small drill.....900 mm ✓

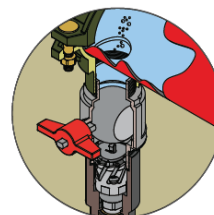
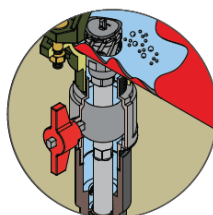
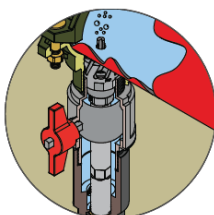
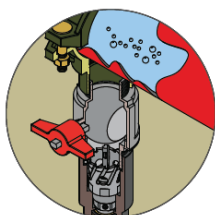
Large drill.....1300 mm

How Livetap works

Livetap® utilises an under pressure drill which penetrates into pressurised pipework to add new connections.

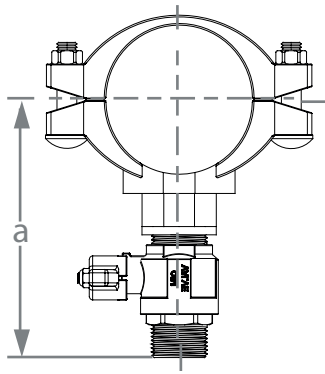
Livetap® uses a pilot drill to penetrate the pipewall. In most applications the pilot drill is soon followed by a specially designed shell-cutter used to cut out a disk from the pipe. A retaining wire in the pilot drill ensures that the coupon (or disk) is always pulled out. A powerful magnet, positioned inside the shell cutter, is responsible for attracting and retaining any swarf, filings and shavings that are generated during the drilling process. As the drill is withdrawn (complete with the disk) the valve is shut and the system is safely isolated.

Using the Livetap method negates the need to drain down the system making it the simplest, fastest and most cost effective method for making sprinkler modifications whilst complying with all fire sprinkler system codes.



To see a short video explaining how Livetap works watch the youtube clip by scanning the QR barcode with your smart phone (red-laser app) or visit www.youtube.com/user/ProjectFireProducts on your computer.

Dimensions



Part code	Size (in")	a (mm)
LT-KD50	2" x 1"	145
LT-KD65	2½" x 1"	149
LT-KD80	3" x 1"	151
LT-KD80-50	3" x 2"	200
LT-KD100	4" x 1"	166
LT-KD100-50	4" x 2"	210
LT-KD150	6" x 1"	197
LT-KD150-50	6" x 2"	240

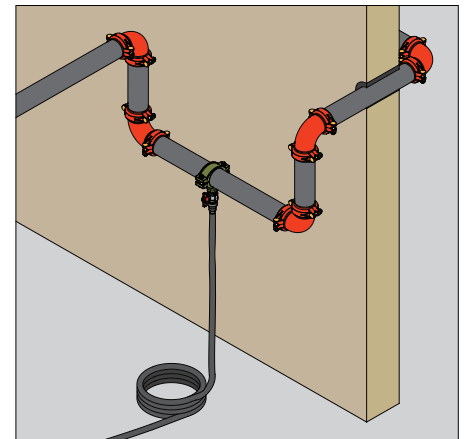
Data

Model	Drill											Bolts	
	Size mm	Size "	Weight	Shell Cutter	Pilot Drill	Ø Hole Size (mm)	Drill (S/L)	Ext Shaft	Ø Magnet	Arbour	Adaptor	Size	Torque
Kwik-Drain													
LT-KD50	50 x 25	2 x 1	2.1	7/8"	1/4 - 3/8"	21.7	S/L	150	12	-	1"	M10	41
LT-KD65	65 x 25	2½ x 1	2.4	7/8"	1/4 - 3/8"	21.7	S/L	150	12	-	1"	M12	68
LT-KD80	80 x 25	3 x 1	2.5	7/8"	1/4 - 3/8"	21.7	S/L	150	12	-	1"	M12	68
LT-KD80-50	80 x 50	3 x 2	4.7	1 7/8"	3/8"	47.5	L	325	35	●	2"	M12	68
LT-KD100	100 x 25	4 x 1	2.7	7/8"	1/4 - 3/8"	21.7	S/L	150	12	-	1"	M12	68
LT-KD100-50	100 x 50	4 x 2	5.0	1 7/8"	3/8"	47.5	L	325	35	●	2"	M12	68
LT-KD150	150 x 25	6 x 1	5.1	7/8"	1/4 - 3/8"	21.7	S/L	150	12	-	1"	M16	136
LT-KD150-50	150 x 50	6 x 2	7.3	1 7/8"	3/8"	47.5	L	325	35	●	2"	M16	136

Ordering information

Part code	Size (in")	Approx Weight (Kg)	VdS	Approval UL	LPCB	FM
LT-KD50	2" x 1"	2.1	✓	✓	✓	✓
LT-KD65	2½" x 1"	2.4	✓	✓	✓	✓
LT-KD80	3" x 1"	2.5	✓	✓	✓	✓
LT-KD80-50	3" x 2"	4.7	✓	✓	✓	✓
LT-KD100	4" x 1"	2.7	✓	✓	✓	✓
LT-KD100-50	4" x 2"	5.0	✓	✓	✓	✓
LT-KD150	6" x 1"	5.1	✓	✓	✓	✓
LT-KD150-50	6" x 2"	7.3	✓	✓	✓	✓

Typical Application



Installation

Follow the step-by-step instructions laid out in the relevant method statement:

1" outlet - WIUPD 019

2" outlet - WIUPD 039