



Lateral Connection Products

For IPS & DIN Plastic Pipe



L90-Series Self-Restrained Adapters...

The L90 adapter allows for easy mainline pipe to lateral pipe transition, eliminating any threaded fittings, cements or primers. The spigot end of the adapter simply inserts into a Leemco Lateral Tee or Lateral Saddle outlet and turns 360 degrees to the desired position. The self-restrained bell outlet secures the lateral pipe from pulling out. This adapter is ideal if isolation valves are not required. If isolation valves are required, refer to our LV-Series & LGV-Series Valve brochures.



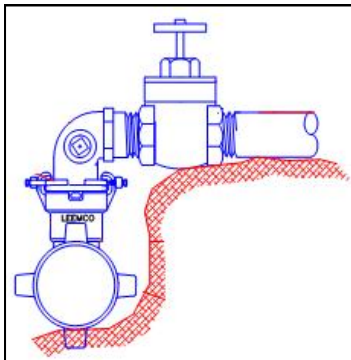
L90-Series Self-Restrained Bell Outlet Adapters

L90-200... 2" IPS Spigot LAT Inlet x 2" IPS Self-Restrained Bell Outlet

L90-250... 2" IPS Spigot LAT Inlet x 2.5" IPS Self-Restrained Bell Outlet

L90-300... 2" IPS Spigot LAT Inlet x 3" IPS Self-Restrained Bell Outlet

NOTE: Spigot end inserts into Leemco LT-Series Tee or Saddle LAT outlet.



L90 and L180-Series MPT Outlet Adapters...

The L90 MPT adapters are provided with a 1" tapped side plug for connection to a quick coupling valve assembly. The MPT outlet provides male threads for an electric valve or gate valve assembly as shown. The 2" L90 and L180-Series MPT adapters are designed to install into Leemco Lateral Tee or Lateral Saddle outlets. The 3" L90 and L180-Series MPT adapters are designed to install into any Leemco Tee with a 3" IPS branch outlet. 3" L90 and L180-Series MPT adapters come with a 3" collar clamp and hardware as pictured below.



2" L90 and L180-Series MPT Outlet Adapters

L90-215 & L180-215... 2" IPS Spigot LAT Inlet x 1.5" MPT Outlet

L90-220 & L180-220... 2" IPS Spigot LAT Inlet x 2" MPT Outlet

L90-225... 2" IPS Spigot LAT Inlet x 2.5" MPT Outlet

L90-230... 2" IPS Spigot LAT Inlet x 3" MPT Outlet

NOTE: Spigot end inserts into Leemco LT-Series Tee or Saddle LAT outlet.



3" L90 and L180-Series MPT Outlet Adapters

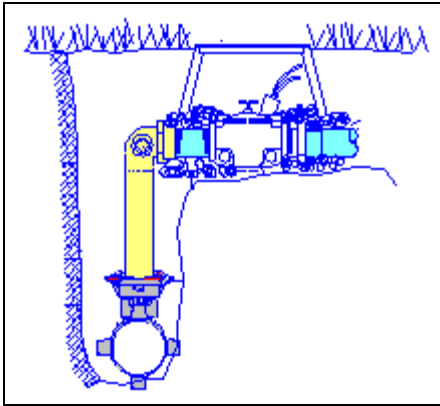
L180-320... 3" IPS Spigot Inlet x 2" MPT Outlet

L90-325 & L180-325... 3" IPS Spigot Inlet x 2.5" MPT Outlet

L90-330 & L180-330... 3" IPS Spigot Inlet x 3" MPT Outlet

NOTE: Spigot end inserts into any Leemco tee w/ 3" IPS gasket outlet.

Leemco has a large variety of Lateral Connection Products...
Please refer to our IPS and DIN Price Lists for available Models and Sizes.



LF90 and LF180-Series FPT Outlet Adapters...

The L90 FPT adapters are designed to provide ease of connection to an irrigation remote control valve (RCV) while positioning the valve handle within 4" of grade. Outlets come in 1.5" or 2" female pipe thread and 2" inlet is designed for Leemco lateral tee or saddle LAT outlets. L90 FPT adapters are provided with a 1" side tapped plug designed for connection to a quick coupling valve assembly. The spigot end of the adapter simply inserts into a Leemco Lateral Tee or Lateral Saddle outlet and turns 360 degrees to the desired position. For applications that require an isolated valve before an electric valve, please refer to our Lateral Angle Valve or Lateral Globe Valve brochure for better alternatives.



2" LF90 and LF180-Series FPT Outlet Adapters

LF90-215 & LF180-215... 2" IPS Spigot LAT Inlet x 1.5" FPT Outlet
 LF90-220 & LF180-220... 2" IPS Spigot LAT Inlet x 2" FPT Outlet

NOTE: Spigot end inserts into Leemco LT-Series Tee or Saddle LAT outlet.



2" LFA-200 and LFA-300 FPT Outlet Adapters

LFA-200... 2" IPS Spigot LAT Inlet x 2" FPT Outlet
 LFA-300... 2" IPS Spigot LAT Inlet x 3" FPT Outlet

NOTE: Spigot end inserts into Leemco LT-Series Tee or Saddle LAT outlet.



LGV-Companion Clamp

C-360-3... 3" Clamp and hardware for 3" L90 & L180 adapters

MATERIAL:	Class 350 Ductile Iron per ASTM A-536, Grade 65-45-12, AWWA C153
HARDWARE:	Low Alloy Steel ANSI/AWWA C11/A21.11, Optional 304 & 316 stainless
PRESSURE RATING:	350 PSI
EPOXY COATING:	ANSI/AWWA C116/A21.16-09, NSF 61 & CSA Z245.20-98, 10-12 MIL
INSTALLATION:	Per IPS & DIN Pipe Standards

Specification:

Lateral to mainline connection shall be made using Leemco Lateral Adapter. Adapter shall be made of ductile iron grade 65-45-12 (ASTM A-536). Epoxy Coating on interior & exterior surfaces of fittings shall be fusion bonded epoxy, 10-12 mil thickness. The epoxy coating shall pass 90-Day immersion tests per CSA Z245.20-98. Lateral Adapter shall be offered with self-restrained bell, MPT and FPT outlets. The Adapter inlet shall have a swivel base to orient the outlet to any 360 degree position for ease and stress free installation. Non self-restrained Lateral Adapter shall be equipped with tapped and plugged 1" side outlet. Adapter shall be used with Leemco saddle or tee. All Lateral Adapters shall be as manufactured by Leemco, Inc., U.S.A.



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