

**APCO FULL FLOW FOOT VALVES (FFF)
SUGGESTED SPECIFICATION**



APPLICATION DATA 1400.01-1
December 16, 2015
Supersedes Specification in
Bulletin 1400; July, 2011

Full Flow Foot Valves shall be APCO model FFF as manufactured by DeZURIK, Inc.

Full Flow Foot Valves are a form of check valve, installed at the bottom of pump suction line, inside the wet well.

Foot Valve shall have a heavily constructed globe style body with integral flanges.

Flow area through the body shall be 10% greater than the equivalent pipe size.

Valve plug shall be center guided from both ends to ensure positive shut-off. The downstream side of the plug stem shall be guided by a bushing inside the hub of the body spokes. The upstream side of the plug stem shall be guided by the bore in the center hub of the seat.

Resilient Valve seat be compression molded, not glued or chemically bonded, for positive water tight shut-off at low head pressures.

Strainer cap shall be heavy stainless steel expanded metal with a steel flange. Strainer cap shall be bolted to the Foot Valve body.

Two Year Warranty shall be provided for all valves.