

xylem
Let's Solve Water

TECHNICAL BROCHURE

BFITTING R3



FEATURES

Gauges

Pressure Control Valves

Well Seals

Air Volume Controls

Valves and Fittings

Motor Adapter

Gauge Guard

Air Relief Valve

ACCESSORIES - FITTINGS

GAUGES



AG5 Pressure Gauge:
Quality 100 lb. pressure gauge for pneumatic tank service. Threaded 1/4" male pipe.

AG2 Pressure Gauge:
Quality 200 lb. pressure gauge for pneumatic tank service. Threaded 1/4" male pipe.

TURNED COUPLING



64655 Turned Coupling:
1 1/4" for use with Packer System P-2 Packages, where well diameter does not permit use of standard coupling.

PRESSURE CONTROL VALVES



AV1: For use with Goulds Water Technology Series GH Deep Well Water System.



AV21: For use with Series SJ, VJ and VS.



AV22KIT: For use with Series JRD, J+, HSJ Deep Well Jet Systems.

Part No. **ADAPT46** is available for installations where a 6" motor is desired. The kit contains a 4" x 6" adapter, a 4" to 6" splined shaft extension and required bolts. Connects a 4" water end to a 6" motor.

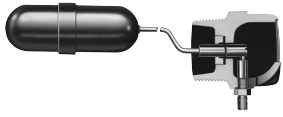


COTTAGE PRIMING KIT

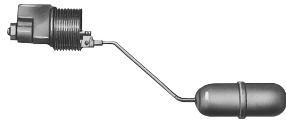
Part No. **CTGKIT** is available for quick priming of jet pumps. Included: street tee and funnel.



AIR VOLUME CONTROLS



AA1I Air Volume Control for Series BF Pumps: The AA1 air volume control admits air when needed and automatically maintains the proper volume. Control body threaded 1 1/4" pipe size. Weight 1 lb. Tubing not included.



AA4 Air Escape Control for Submersible Pumps: Excess air is vented from the tank through the body of the air volume control. Control body threaded 1 1/4" pipe size for mounting in hole on side of the tank. Has 1/4" pipe tapping on the top side of the body for gauge or pressure switch installation. Control good for 150 lbs. maximum working pressure. Weight 1 1/4 lbs.



AA8-7 Air Volume Control for Jet Pumps: Diaphragm type air volume control for mounting on side of tank. Plastic spring insert protects against scratching. Threaded 3/8" male for tank connection. 1/8" x 1/4" connector for 1/4" copper tubing. No tubing or fittings included.



AA7 Air Valve: For use in connection with air volume control AA1 or AA2. Also used with floating disc style tanks.



4K170 Snifter Valve: Installed in check valve AV9 used on submersible installations with drain and "Y" fitting.

Note: replaces AA10.

6K210 GAUGE GUARD

Features:

- Protects transducers and pressure switches from dirt, corrosion and vacuum conditions.
- Hermetically-sealed, molded unibody construction - avoids possibility of leaks.
- Glass-filled Polypro® bodies for chemical compatibility and maximum temperatures to 100° F.
- Housing is glass-filled Polypropylene.
- Each gauge guard features a durable and flexible Buna-N diaphragm which serves as a protective barrier between the process fluid and instrument.

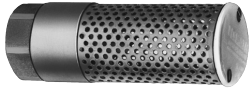
Maximum Pressure Ratings:

Liquids
200 PSI (13.8 bars)

Maximum Temperature
100° F (38° C)



VALVES AND FITTINGS



AV5 Foot Valves: Lead-free silicon bronze body with stainless steel strainer.

Order No.	Pipe Size	Outside Diameter
AV5-07	¾"	1 1/16"
AV5-10	1"	1 5/16"
AV5-12	1 ¼"	2 ¼"
AV5-15	1 ½"	2 7/8"
AV5-20	2"	3 ½"



AV6 Check Valves:

Lead-free silicon bronze construction.

Order No.	Pipe Size
AV6-10	1"
AV6-12	1 ¼"
AV6-15	1 ½"
AV6-20	2"
AV6-30I (iron)	3"
AV6-40I (ductile iron body)	4"



AV11 Drain and "Y" Fittings:

The drain fitting set at a 45° angle in the "Y" fitting to insure positive action in the air charging cycle. Its simple construction is designed to provide trouble-free service. Includes AV11-21 ball valve.

Order No.	Pipe Size
AV11-10	1"

AV11-21 Ball Valve

Assembly: For all AV-11 drain and "Y" fittings.



AV12 Relief Valves:

It is desirable to use this lead-free silicon bronze relief valve with any pump capable of producing more than 75 psi at the tank. Relief valve must be sized for pump capacity in GPH.

Order No.	Size	Pressure Setting	Capacity GPM
AV12-05	½"	75±10 PSI	up to 12
AV12-07	¾"	75±10 PSI	13-17
AV12-10	1"	75±10 PSI	17-28
AV12-12	1 ¼"	65±10 PSI	28-38



AV19 Check Valve

Control Center: Has two ¼" pipe tapings and two ⅛" pipe tapings. Lead-free silicon bronze construction.

Order No.	Pipe Size
AV19-10	1"



Tank Cross Tees

Order No.	Description
AV20-10	1" x 10" with (2) ¼" and (1) ½" holes
AV20-11	1" x 10" with (2) ¼" and (2) ½" holes
AV20-12	1 ¼" x 13" with (2) ¼" and (1) ¾" holes

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Xylem Inc.
2881 East Bayard Street Ext., Suite A
Seneca Falls, NY 13148
Phone: (866) 325-4210
Fax: (888) 322-5877
www.xylem.com/gouldswatertechnology

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