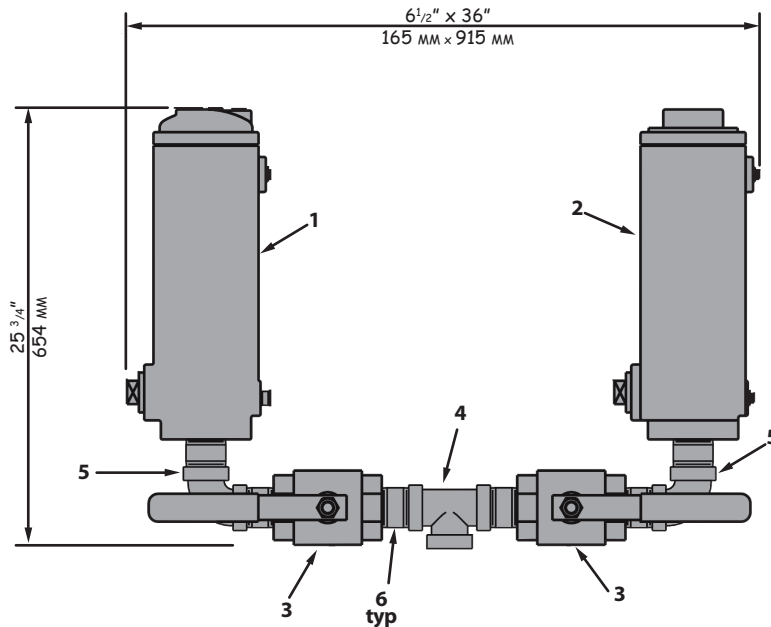


# Combination Air Valve

FIGURE X955SS

FIGURE X955SS



## SPECIFICATION

The wastewater combination air valve shall exhaust large amounts of air and gases while the pipeline is being filled and close tight when the system is full and pressurized. It shall automatically reopen to release small amounts of accumulated air while the system is pressurized and to admit large amounts of air into the pipe during draining or when a negative pressure exists.

The combination air valve shall consist of separate air release and air & vacuum valves piped together with stainless steel fittings and tested as an assembly having a single common 2-inch NPT connection to the pipeline. The air & vacuum valve shall be the Figure X935SS and be of the size specified. The air release valve shall be the Figure X925SS with 3/16" (5mm) or 5/16" (8mm) orifice as specified. Both valves shall have a one-piece body and a single spherical float with the body, cover, external fasteners, float and internal trim made of Type 316 stainless steel. Floats and/or trim components made of bronze, plastic or other non-metallic materials are not acceptable. The seat, gaskets and seals shall be Buna-N rubber.

Flushing attachments consisting of stainless steel pipe nipples and stainless steel inlet isolating, flushing and blow off ball valves along with quick connect couplings and 5 feet (1.5 Meters) of rubber hose shall be supplied when specified.

The combination air valve shall be Dur-O-Vent™ Figure X955SS as manufactured by GA Industries, Inc., Cranberry Township, PA USA.

## PARTS LIST

1. 2" SERIES X925SS AIR RELEASE VALVE
2. 2" SERIES X935SS AIR & VACUUM VALVE
3. 2" ISOLATING VALVE – Stainless Steel Ball Valve
4. 2" NPT TEE – Stainless Steel
5. 2" NPT ELBOW - Stainless Steel
6. 2" PIPE NIPPLE – Stainless Steel

## ENGINEERING DATA

- Assembly rated at 300 PSI (2,069 kPa) up to 150F (66C)
- Assembly tested at 450 PSI (3,103 kPa)
- Floats tested at 1,000 PSI (6,895 kPa)
- Dry weight 150 lbs (68 kg)

## CONNECTIONS

- 2" NPT (Standard)
- DN50 PN16 stainless steel flanged inlet (Optional)

## WORKING PRESSURE

Minimum working pressure 10 PSI (69 kPa) required for tight seating

Maximum working pressure:  
150 PSI (1,034 kPa)

Consult factory if working pressure less than 10 PSI or greater than 150 PSI

## SIZING

Refer to Page 7 for small (air release) orifice venting rates and large (air & vacuum) orifice filling and draining sizing guidelines.