



# ECH<sub>2</sub>O STORM<sup>®</sup>

## Model VA3

### Size 3"

#### SPECIFICATIONS

**Size:** 3.00" ASA Flanged.

**Body:** Aluminum Alloy, ASTM B26.

**Spool:** Aluminum Alloy, ASTM B26.

**Nozzle:** Urethane, Hapflex 669.

**Liner:** PVC Schedule 80.

**Gaskets:** Red Rubber ASTM D-1330.

**Hardware:** 18-8 Stainless Steel.



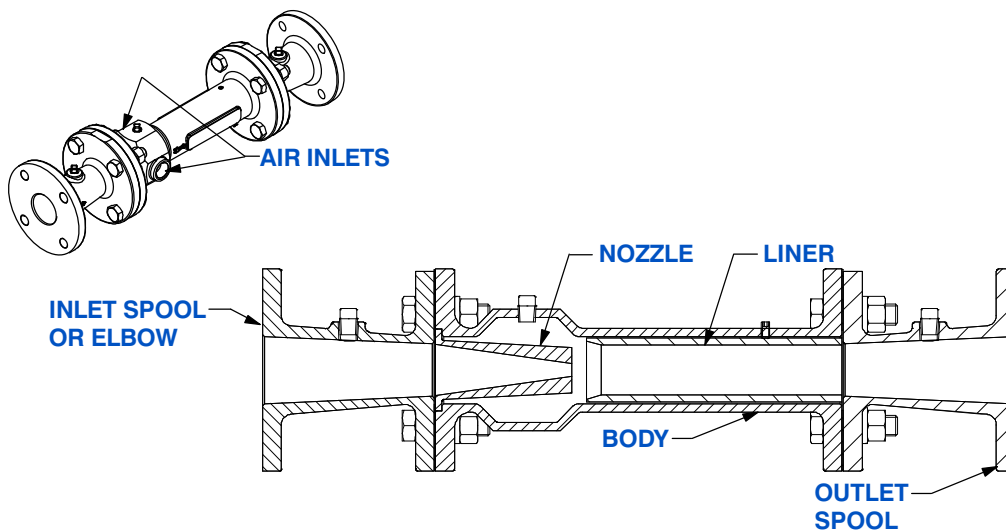
**Optional Equipment:** Gage Kit, Check Valve Kit.

#### Venturi Aerator:

The Ech<sub>2</sub>oStorm<sup>®</sup> is a static venturi aeration device installed in-line on the discharge side of a Gorman-Rupp centrifugal pump that introduces dissolved oxygen into the pumped liquid. The Ech<sub>2</sub>oStorm<sup>®</sup> can be used in a variety of municipal and industrial wastewater applications including: organic solids reduction, oil and grease digestion, sulfide and nitrate elimination and odor elimination.

#### Operating Principle:

Liquid is pumped through the nozzle inside the Ech<sub>2</sub>oStorm<sup>®</sup>. Upon the liquid exiting the nozzle a pressure drop occurs inside the body of the Ech<sub>2</sub>oStorm<sup>®</sup> pulling atmospheric air into the Ech<sub>2</sub>oStorm<sup>®</sup>. The dissolved oxygen in the atmospheric air mixes with the pumped liquid and is discharged into the wastewater system.



## GORMAN-RUPP PUMPS

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Specifications Subject to Change Without Notice

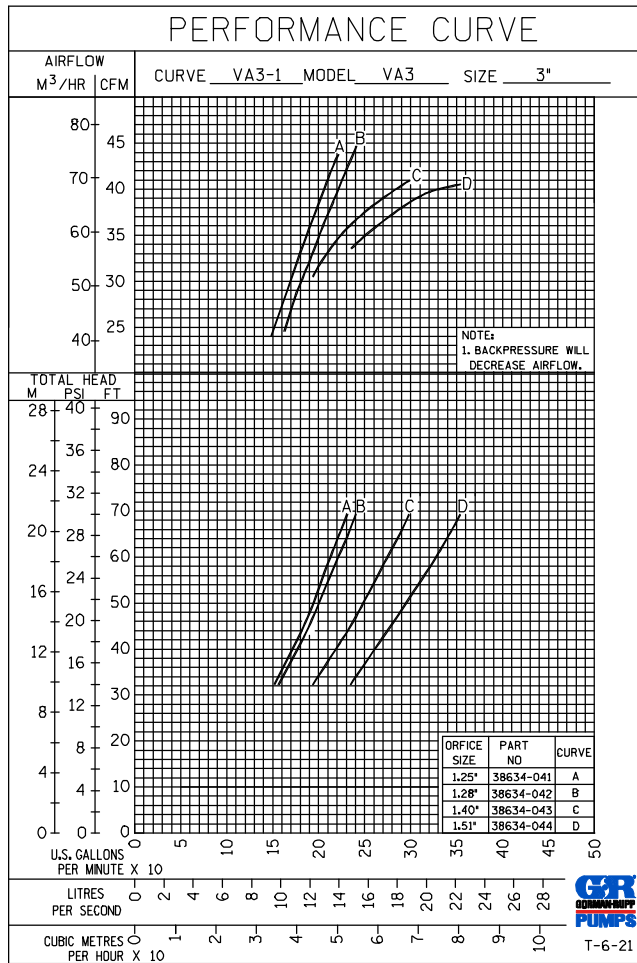
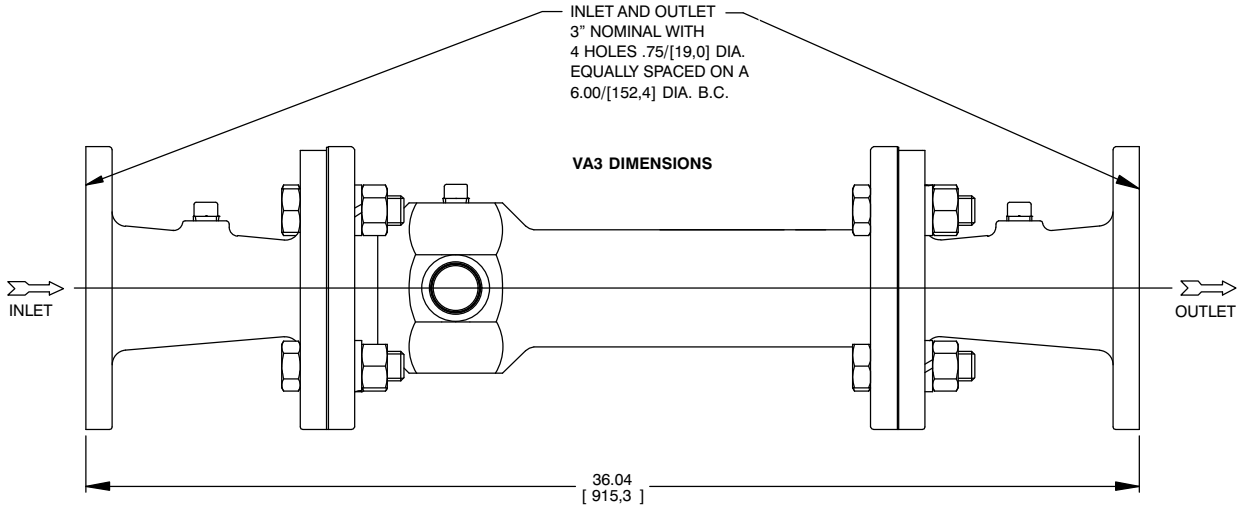
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**Specification Data**

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**APPROXIMATE DIMENSIONS and WEIGHTS**

**NET WEIGHT:** 36 LBS. (16,3 KG.)  
**SHIPPING WEIGHT:** 40 LBS. (18,1 KG.)  
**EXPORT CRATE:** 1.3 CU. FT. (.04 CU. M.)



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