

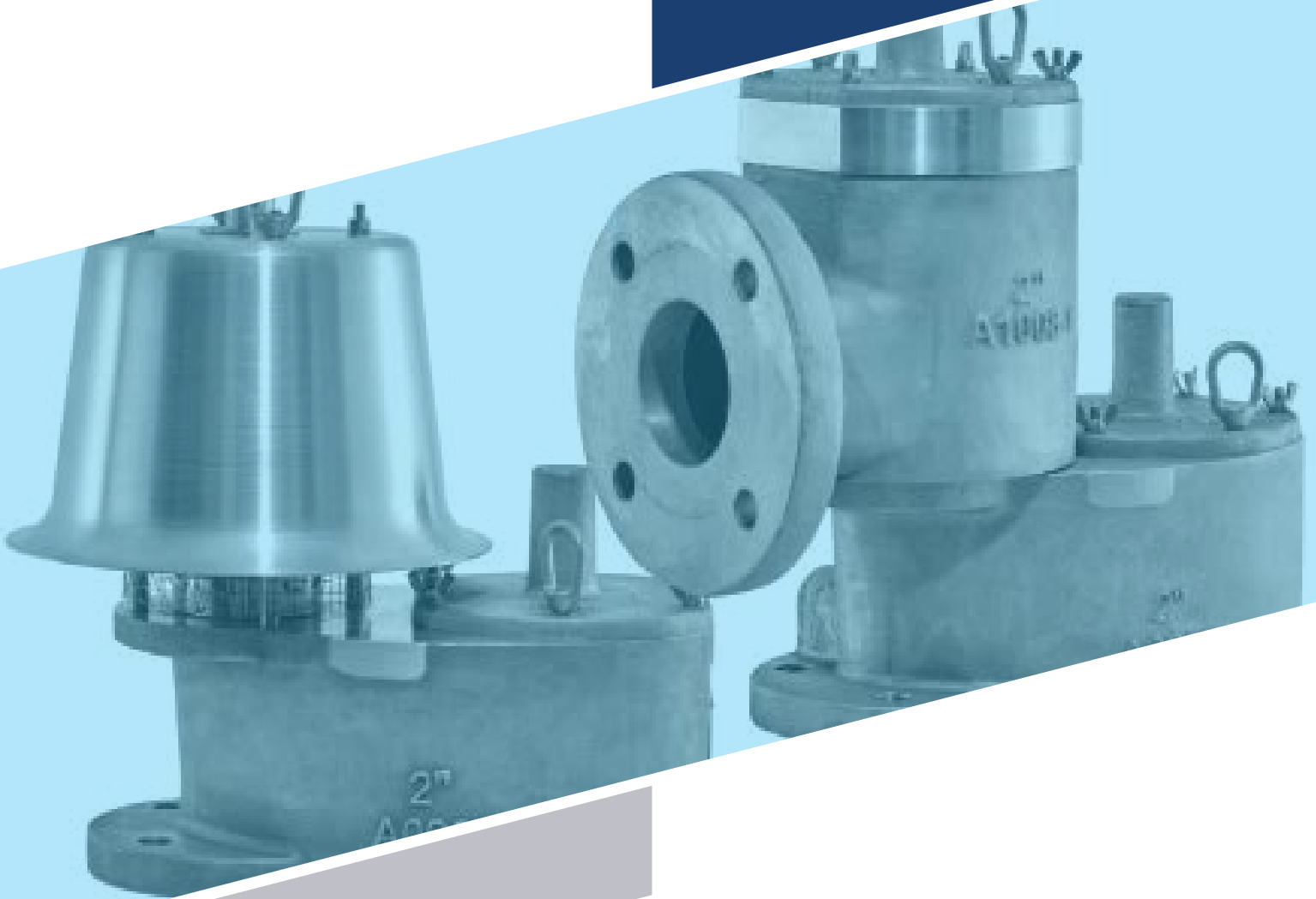
GROTH

®

CORPORATION

PRESSURE/VACUUM RELIEF VALVES

MODELS 12E & 12F



MODELS 12E-TWW-0 & 12F-TWW-0

The Groth Model 12E-TWW-0 & 12F-TWW-0 PVRV design was created to exceed industry needs. Extensive research and development have produced a product that achieve both superior sealing performance and industry leading flow rates, while also allowing customers to reach required flow with a potentially smaller sized valve possibly replace with and utilizes 10% overpressure design to achieve full-lift flow. The pressure vacuum relief valve is designed to protect your tank from damage created by overpressure or excessive vacuum. Costly product evaporative losses due to normal tank “breathing” are greatly reduced. The Model 12E-TWW-0 & 12F-TWW-0 are superior sealing valves developed to minimize fugitive emissions while providing increased protection and safety to tank equipment and on-site personnel.

Technical Details

- Size: 2” through 6”
- Casting Material: Aluminum, Carbon Steel, Stainless Steel
- Pallet Material: Aluminum, Stainless Steel
- Diaphragm Materials: Buna-N, Blue FKM or FEP
- Weight Material: Zinc-Plated Steel, Stainless Steel
- Bolting Class: 150# ASME, PN10, PN16, JIS drilling classes available
- Available Pressure Settings: 0.5 osig to 24 osig
- Available Vacuum Settings: 0.464 osig to 24 osig
- Superior tightness, exceeding API-2000 leak requirements
- PED and ATEX Certified

Features

- This valve is designed to work with a 10% overpressure
- Product leakage and fugitive emissions are reduced via ultra-tight sealing
- Higher flow capacity to protect from both excessive pressure and excessive vacuum build up
- Peripheral and central seat guides ensure reliable, repeatable performance
- Designed for easy maintenance, thus reducing downtime and operational cost

Options

- Corrosion resistance can be enhanced with FKM soft goods



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