

## TurbinAL<sup>™</sup>

Purge H<sub>2</sub>-cooled generators safely, reliably, efficiently



- Improve safety and risk management with uninterrupted gas flow and minimized cylinder handling
- Depend on quick and reliable system activation with no power required
- Save time by eliminating dry ice formation and component freezing
- Increase efficiency with a quick and reliable CO<sub>2</sub> purge when compared to traditional methods

### High-flow purge system for hydrogen-cooled generators

The patented TurbinAL<sup>™</sup> high-flow CO<sub>2</sub> purge system from Airgas, an Air Liquide company, provides the power industry with the most effective system available for purging hydrogen-cooled generators. This system is designed to meet OEM specifications for pressure and flow without the need for additional regulators or a flow orifice. TurbinAL operates without electricity, providing full purge capacity of greater than 8,000 SCFH for planned or emergency purges. It can be scaled for a wide range of generator sizes.

# TurbinAL™

## Purge H<sub>2</sub>-cooled generators safely, reliably, efficiently

Time consuming, labor-intensive adjustments, defrosting, and delays due to flow issues are a thing of the past. TurbinAL™ slashes purge time from 12 or more hours to as little as one hour – allowing you to focus on other needs critical to plant maintenance, repairs and recovery.

Regardless of how you source gas on your site, Airgas has a complete equipment system for your generator purging needs. Each of the Airgas TurbinAL solutions optimizes the amount of gas available for purges and provides continuous, verified local flow rate and totalized flow to complete your purge safely, reliably and efficiently.

### The right solution

- MicroBulk tank with **TurbinAL 1** permits purging at high flow rates with no freeze up
- High-pressure siphon tube CO<sub>2</sub> cylinders can be used for effective generator purging without product loss during idle periods between purges. Available configurations include **TurbinAL 2** with cylinder racks and **TurbinAL 3** with palletized cylinders

### Complete peace of mind

- Hydrogen, CO<sub>2</sub> and industrial gases
- EPA protocols and other compliance gases
- Gas handling equipment
- Complete supply chain and technical solutions
- Safety products and PPE
- Welding products and hardgoods



TurbinAL 1



TurbinAL 2



TurbinAL 3