EarthWise™ Purge System

A new standard for your chiller
Faster Pumpout

The EarthWise purge intelligently varies its pumpout rate to maximize air-removal speed. Tests show that this patent-pending feature allows the EarthWise purge to remove air twice as fast as previous purges. This can get your chiller back online faster and operating at peak performance when you need it most.

Reduced Maintenance

The EarthWise purge is the only purge system with a self-regenerating emissions filter. This eliminates the need for periodic filter maintenance and replacement. This unique feature sustains the EarthWise purge's ultra-high efficiency throughout its life, and eliminates the cost of annual maintenance and refrigerant loss associated with other purges.

Ultra-Wide Operating Range

The redesigned refrigeration system allows the EarthWise purge to operate at chiller temperatures up to 20 degrees colder than other purges. Such a wide operating range means that the EarthWise purge will operate more reliably and efficiently in applications like chillers in series, free cooling, and ice-making, and on outdoor chillers.

Reduced Maintenance: Self-regenerating filter maintains ultra-high purge efficiency without the maintenance required on previous purges.

Ultra-Wide Operating Range: Redesigned refrigeration system and controls allow reliable cold-chiller operation that other purges can’t equal.

Faster Pumpout: Patent pending control strategy gets your chiller running again in half the time of previous purges.

Simpler Operation

The EarthWise purge has the most advanced display and controls ever seen on a purge system. The touch-screen display allows you to see more information in a simple and easy-to-read format. With 7-day reports, a well-organized display, and the ability to run automatically or manually, you can easily operate the EarthWise purge when you need it. Also, with its new Tracer control system, the EarthWise purge can be fully integrated with Tracer chiller controls and building control systems.

Simpler Operation: Advanced interface and new controls make the most sophisticated purge in the market the easiest to operate.

Generating savings like no other, the EarthWise purge reduces both maintenance and operating costs.

Since 1990, Trane has offered the most reliable and best-performing centrifugal chiller purges in the market. Now, the EarthWise™ purge continues that tradition. It combines Trane’s proven purge technology and the Tracer™ chiller controller to provide unequalled purge performance.

The EarthWise purge is the only purge with a built-in refrigerant-emissions filter. Industry ratings prove that the EarthWise purge is 25 times more efficient than the next-best rated purge. No purge system returns more refrigerant to a chiller than the EarthWise purge.

Like the Purifier™ purge before it, the EarthWise purge eliminates troublesome purge compressors, float-controlled drain valves, and purge pressure switches. As more than 35,000 Purifier purges show, removing these components virtually eliminates purge failure and maintenance.

From there, we made the EarthWise purge even better. Trane has set a new standard by developing the first purge to have an ARI-rated, maintenance-free emissions filter system and the first to have a touch-screen display. Also, the EarthWise purge can remove air faster than ever before, and can run reliably and efficiently in almost any conditions. Nobody knows more about making purges than Trane. With its improved efficiency and unequalled reliability, it is easy to see that the EarthWise purge has set a new standard for chiller purges.

Ultra-High Efficiency

The EarthWise purge has several features to ensure peak efficiency, including its unique emissions filter that reduces the refrigerant lost from the chiller to mere ounces. Compared to typical pre-1990 purge systems, the EarthWise purge saves more than 40 pounds of refrigerant per year. And compared to the best-rated “high-efficiency” purge, the EarthWise will save 90 pounds of refrigerant during a typical 20-year chiller life.

The EarthWise purge is designed to be the best-performing, most maintenance-free purge ever. All while having an emissions efficiency that’s 25 times better than its closest competitor.

Ultra-High Efficiency: The EarthWise purge’s ultra-high efficiency throughout its life, and eliminates the cost of annual maintenance and refrigerant loss associated with other purges.

Faster Pumpout: The EarthWise purge intelligently varies its pumpout rate to maximize air-removal speed.

Reduced Maintenance: Self-regenerating filter maintains ultra-high purge efficiency without the maintenance required on previous purges.

Ultra-Wide Operating Range: Redesigned refrigeration system and controls allow reliable cold-chiller operation that other purges can’t equal.

Simpler Operation: Advanced interface and new controls make the most sophisticated purge in the market the easiest to operate.

Researched and developed to return more refrigerant to your chiller, the EarthWise™ purge system sets a new standard in purge efficiency and reliability.
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Since Trane has a policy of continuous product and product data improvement, it reserves the right to change design and specifications without notice.