

# Energy Recovery Unit

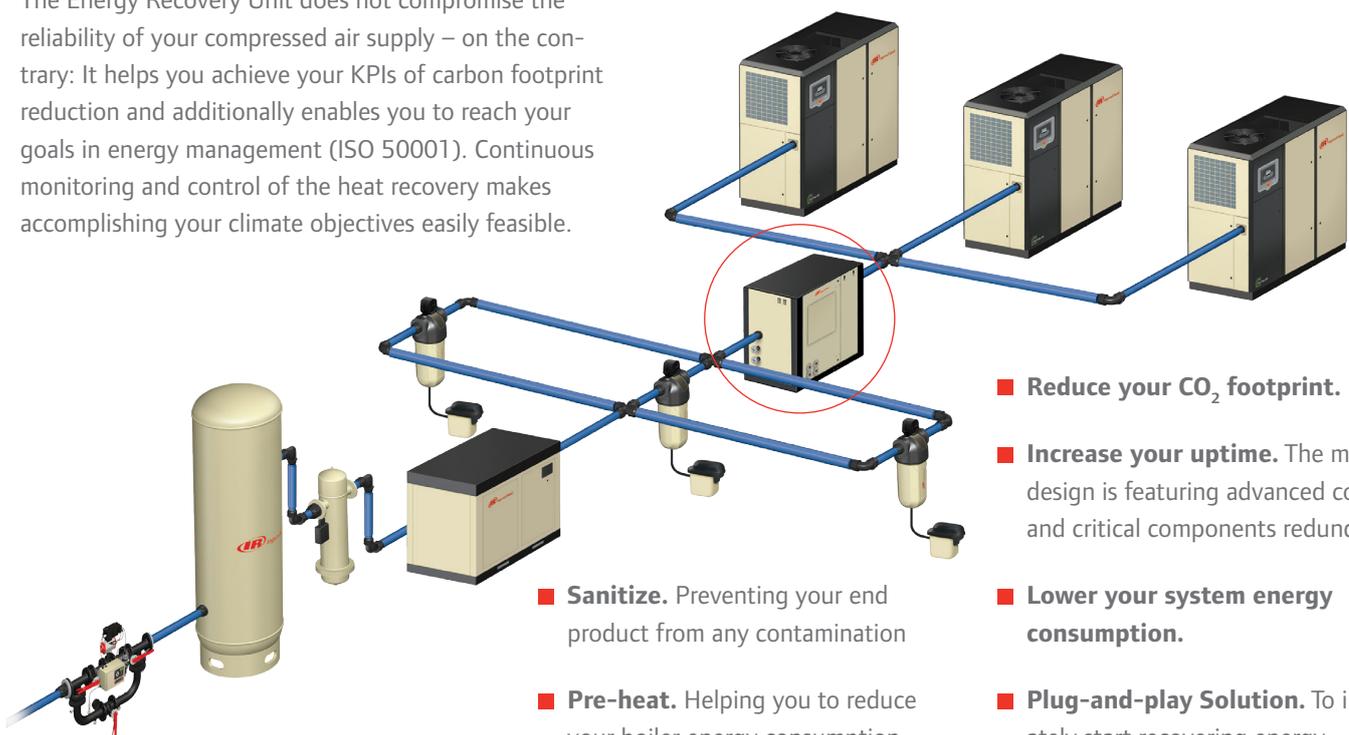
ERU 45-600kW



The new Energy Recovery Unit by Ingersoll Rand uses the waste heat generated by the compression process in Oil Free Compressors to dramatically increase the overall system efficiency. With a continuous monitoring of critical variables, redundancy on main components, and several options to suit any Oil Free application, the Energy Recovery Unit provides the efficiency, productivity and flexibility the modern marketplace needs with added features for top class reliability and uptime.

## Take a System Approach

The Energy Recovery Unit does not compromise the reliability of your compressed air supply – on the contrary: It helps you achieve your KPIs of carbon footprint reduction and additionally enables you to reach your goals in energy management (ISO 50001). Continuous monitoring and control of the heat recovery makes accomplishing your climate objectives easily feasible.



- **Reduce your CO<sub>2</sub> footprint.**
- **Increase your uptime.** The modular design is featuring advanced controls and critical components redundancy.
- **Lower your system energy consumption.**
- **Plug-and-play Solution.** To immediately start recovering energy
- **Sanitize.** Preventing your end product from any contamination
- **Pre-heat.** Helping you to reduce your boiler energy consumption

# Engineered to your application

Reliable, flexible, powerful: The ERU is a perfect fit in any oil free compressed air system with a hot water application. It supports your sustainability goals while convincing with its top-class uptime.

## For Reliability

A robust solution with many features to provide hot water without sacrificing the critical compressed air production, protecting the system throughout the lifecycle.

## For Productivity

Engineered to your application, our energy recovery solutions guarantee uptime with a modular design philosophy and control system that can be tailored to your specific needs.

## For Serviceability

Our oil-free solutions are designed specifically to make maintenance easy by providing easy access to critical components.

## For Lower Cost of Ownership

Controlling compressed air in your production is critical, same as reducing energy consumption and CO<sub>2</sub> emissions, both drivers combined with an easy to service and reliable solution ensure you can lower the total cost of ownership of your oil free compressed air installation.



Keeps the quality uphold during fermentation and pasteurization processes, supports in space heating and clean-in-place.



Provides energy for thermal sanitization, space heating and clean-in-place.



Applicable in washing, neutralization and in the pre-heating of general process water.

## Technical Specifications

ERU and ABC 50 Hz Performance			
Model	Nominal kW	Operating Pressure Air Barg	Operating Pressure Water
Energy Recovery Unit	45 - 600	4 - 10	2 - 10
Air Blast Cooler	45 - 600	–	2 - 10



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