

Heat Recovery and Heat Control Options

All-in-One Solution

Heat Management Unit
+
Heat Recovery

HMU - Heat Management Unit

External unit for SHR, BHR and HTHR modules.

SHR - Standard Heat Recovery

SHR recovers up to 90% of the compressor Input Energy from cooling water. Max water temperature 60°C.

BHR - Boost Heat Recovery

BHR offers more and higher value added options for recovery with up to 90°C water.

HTHR - High-Temperature Heat Recovery

HTHR yields the highest temperature for recovery, up to 120°C, when superheated water is required.

Touch-Free™ Benefits

Highest Reliability

- **Adaptable to your needs**

Modularity offers flexibility for many type of uses.

- **Easy Integration**

Just a few simple connections make system integration quick and easy. uses.

- **Remote monitoring and optimization**

With Remote Monitoring and Optimization, Tamturbo's technical experts are keeping an eye on your full compressed air system so you don't have to!

Highest Efficiency

- **Designed and Built-In Quality**

Proven technologies from global partners with full factory testing.

- **Eco Friendly**

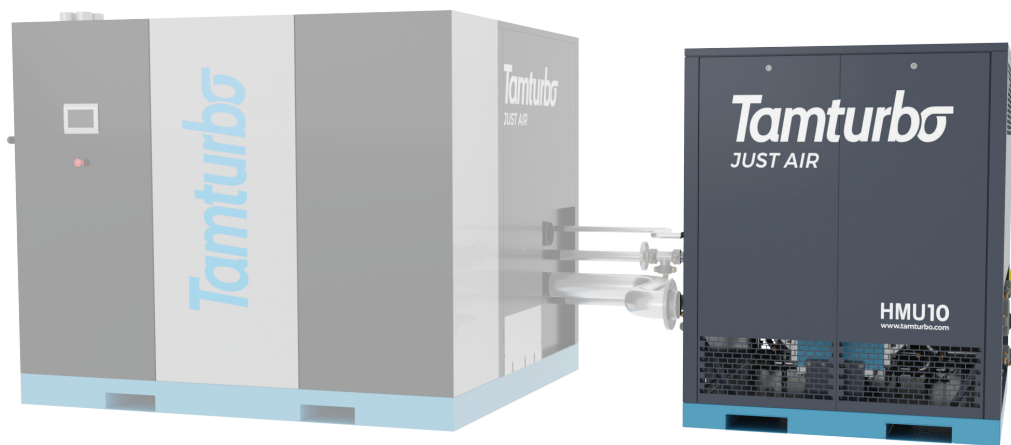
Very low energy usage with no oil or consumable parts used.

Lowest Cost of Ownership

- **Virtually maintenance free**

Following the Touch-Free™ Technology principles, heat recovery systems are free of regular maintenance needs.

Heat Recovery and Heat Control Options



HMU - Heat Management Unit

Coolant Type	Water or Water-Glycol mix
Maximum Coolant Pressure	10 bar
Maximum Flow	1,9 l/s
Minimum Pressure Δp @ Max. Flow	0,5 bar

Features

Heat recovery:

- High efficiency Heat exchanger (design Δt 2,5°C)
- FDA approved materials
- Optional heat recovery from ambient air (dry cooler option)

Controls:

- Fully integrated to compressor controls.
- No manual adjustment required after the commissioning.
- Automatically optimized efficiency and heat recovery temperature.
- Accpets wide temperature range for Input-Liquid.

- Fully tested and fine tuned,
- Full remote operation and preventive maintenance,
- Available in CE and UL/ASME

Technical Information provided is general in nature for the purpose of describing typical unit features only.

Contact Tamturbo or Tamturbo authorized distributor for information for your specific need.

Equipment sized and selected to specific cases is available to upon request.