



Optimise energy efficiency

With Partial Heat Recovery for your Air-cooled Equipment

Maximise efficiency with heat recovery solutions!



Did you know that most of the energy used in cooling and heating systems is wasted into the atmosphere? Our innovative heat recovery technology can capture up to 30% of this energy and put it to good use.

With rising energy costs and growing concerns about decarbonisation and sustainability, recovering and reusing energy has never been more important.

By integrating partial heat recovery into your system, you can efficiently pre-heat hot water for sanitary or industrial processes, enhance energy recovery for Air Handling Units (AHU), and maintain simultaneous air-conditioning and heating.

Your benefits:

- **Preheating Water:** Ideal for heating or sanitary purposes.
- **Efficient Heat Recovery:** Up to 30% of heat can be recovered.
- **High Temperature Output:** Hot water up to 70°C at the exchanger outlet.
- **Minimal Unit Modifications:** Moderate changes required.

- **Intelligent System Management:** Controlled by the machine's centralised control.
- **Quick Payback:** Especially for applications with high operating hours.

Elegible equipment:

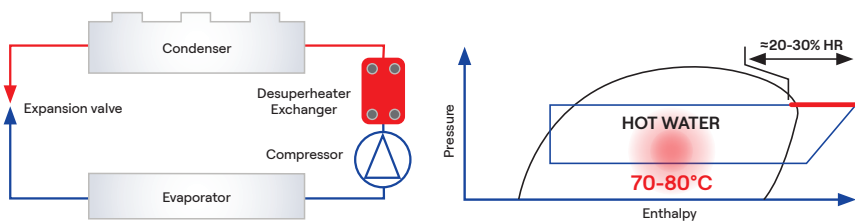
- Scroll air-cooled chillers.
- Air-to-water heat pumps.

Perfect for:

- Hotels.
- Hospitals.
- Office buildings.
- Industrial facilities.
- Any location needing a constant supply of hot water simultaneously with air-conditioning/heating.

Upgrade to our heat recovery solution and start saving energy and money today!

How does it work?



| RETROFIT KIT CONTENT | |
|-------------------------------|---|
| Brazed plate heat exchanger | ✓ |
| Heat exchanger support | ✓ |
| Copper tubes for installation | ✓ |
| Tube brackets | ✓ |
| Screws, bolts and small parts | ✓ |
| ✓ INCLUDED | |



Our team of Carrier experts is here to assist you. We can conduct a preliminary study to determine performance improvements, carbon optimisation, and return on investment. Trust us to help you implement the Partial Heat Recovery upgrade, significantly enhancing your current and future energy efficiency.

BENEFIT FROM: Our support to obtain government aid for this solution. Qualification of work by an authorised body included in our Carrier service.

Contact your local representative or visit carrier.com

