



TRANSCRITICAL CO<sub>2</sub>  
HEAT RECOVERY VESSELS

# The only transcritical CO<sub>2</sub> heat recovery vessel manufactured locally



## Make your wasted heat energy work for you

Wilson ECO<sub>2</sub> Transcritical CO<sub>2</sub> Heat Recovery Vessels will make your CO<sub>2</sub> refrigeration systems even more sustainable by recycling your wasted heat energy. Our ECO<sub>2</sub> vessels efficiently capture your wasted heat energy and turn it into free hot water.

Free hot water that can be used to reduce costs substantially for a range of applications such as hydronic store, building and underfloor heating.

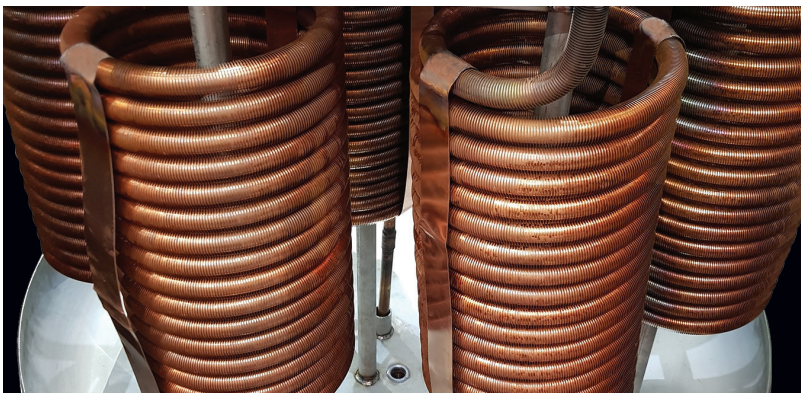
ECO<sub>2</sub> bespoke vessels are designed and engineered to your project's specific requirements by Wilson Hot Water – a leading Australian customised hot water manufacturer for over 90 years.

Our vessels are built to the highest Australian standards with guaranteed lead times – all without the hassle of imported vessel shipping delays and rising costs.

## A more responsible commercial heating solution

Wilson ECO<sub>2</sub> Transcritical CO<sub>2</sub> Heat Recovery Vessels are making companies' sustainable visions a reality by supporting their organisational commitment to carbon reduction.

Proud to be an Australian first, ECO<sub>2</sub> is helping decision makers align their business plans and infrastructure investment to support a sustainable future by doing the right thing for the environment.



# Transforming wasted heat energy into hot water

## Specifications

Part No	Capacity Litres	Dia x Height (mm)	Coils	Heat Recovery (kW)*
ECO2-315	315	620 x 2300	1	17
ECO2-1000	1000	1130 x 2350	6	100
ECO2-2000	2000	1300 x 2450	9	150
ECO2-2500	2500	1300 x 2900	13	220

\* Refer below table for performance parameters

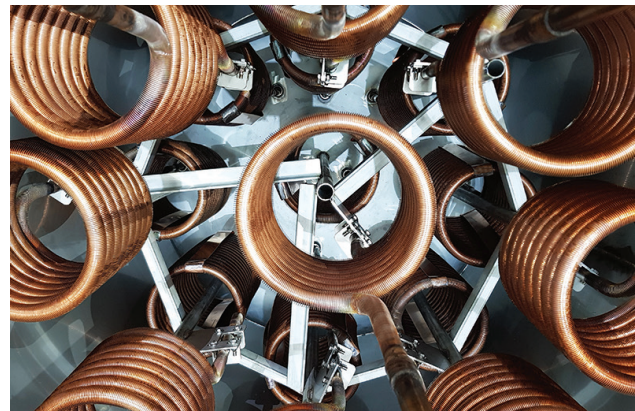
## Heat Recovery Performance

Temp CO <sub>2</sub> In	87°C
Temp CO <sub>2</sub> Out	49°C
Temp Water In	25°C
Temp Water Out	50°C
LMTD*	30°C

\* Log Mean Temperature Differential

## Features

- 304 Stainless Steel Vessel
- Polyurethane Foam Insulation
- Colorbond® casing
- Finned heat exchange coils
- Customised connection types to suit any application
- Coil working pressure 130bar
- Large and flexible areas for heat exchange coils



## Wilson ECO<sub>2</sub> is an Australian first.

Another quality product from:

**wilson**  
CUSTOMISED HOT WATER

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