

Commercial Hot Water

Energy efficient project solutions



Commercial hot water package specifications

100 years of experience that you can rely on



Highest Efficiency

Delivers up to 75°C flow temperature, ensuring maximum mixing water volumes without the need for additional electric heaters with highest performance factors.



Robust Quality

Built to withstand the harshest conditions, our high-quality machines meet all hot water temperature requirements and come pre-tested for maximum reliability.



Flexible Installation Options

Installable indoor, outdoor or on a Skid: Available for both on-site installation or pre-manufactured on a skid, providing convenience and adaptability to different project needs.



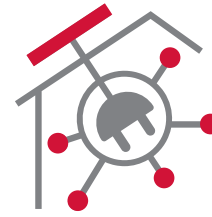
Easy Installation and Sizing

Pre-matched packs tailored for most apartment sizes, featuring compact, easy-to-allocate components, making installation straightforward.



Remote Access

Convenient settings and analysis from the back office or through BMS integration saves time and provides all necessary information.



Solar PV and EMS Integration

Seamlessly integrates with Solar PV and EMS systems to maximise self-consumption or incorporate into a larger energy management system.

Specifications

Package Name	HP Type	QTY	Tanks	Heating Cylinder Volume (L)	Min. Spatial Requirement (m2)	Dry Weight (kg)	Wet Weight (kg)	Connected Load (A)	Peak Draw (kW)	Electrical box sub main
CM-T 11	WPL-A 07	1	1	829	5	287.00	1116.00	50.00	11.70	20A/PH 415V
CM-T 22	WPL-A 07	2	2	1658	9	574.00	2232.00	90.00	23.40	32A/PH 415V
CM-T 33	WPL-A 07	3	3	2487	13	861.00	3348.00	130.00	35.10	40A/PH 415V
CM-T 44	WPL-A 07	4	4	3316	17	1148.00	4464.00	170.00	46.80	63A/PH 415V
CM-T 55	WPL-A 07	5	5	4145	22	1435.00	5580.00	210.00	58.50	80A/PH 415V
CM-T 66	WPL-A 07	6	6	4974	26	1722.00	6696.00	250.00	70.20	100A/PH 415V

Prefabricated Skid Pack:	2-2	3-3	4-4	5-5	6-6
Width (mm)	2400	2400	2400	2400	2400
Length (mm)	2050	4000	4000	6000	6000
Height (mm)	2241	2291	2291	2291	2291
Dry Weight approx (kg)	900	1583	1937	2558	2905
Wet Weight approx (kg)	2648	4241	5436	6941	8130

Skid model



CM-T 22



CM-T 22

WPL-A 07

Air source heat pumps

Heat efficiently and protect the environment

The WPL-A Premium air source heat pump is highly suited to hot water applications, since the inverter unit achieves high flow temperatures even at very low outside temperatures of down to -25 °C. The WPL-A HK Premium contains a futureproof refrigerant. In combination with its high efficiency, the heat pump scores highly as an environmentally responsible heating technology.

Product features

- › Air source heat pump with inverter technology provides adjusted heating output
- › High flow temperatures of up to 75 °C enable high DHW temperatures and mixed water volumes
- › Low operating costs through high efficiency all year round
- › Smart Grid and EMS ready for connection to solar or smart load management



Type	WPL-A 07 Premium	
Nominal Capacity	kW	8
COP (A20W45)		5.5
Maximum Flow Temperature	°C	75
Application range	°C	-25 to +40
Sound Power Level - EN12102	dB(A)	47
Refrigerant		R454C
Global Warming Potential	GWP	148



Reference Projects

Ferrars and York (New Build)

Victoria | Multi-Residential Building

Developer | Hip Vs Hype

Architect | Six Degrees architects

Requirements

Providing energy efficient hot water to the 22 apartments

Product

- › 2 x WPL-A 07 Hydronic Heat Pumps



380 St Kilda Road (New Build)

Victoria | Commercial Building

Developer | Mirvac

Architect | Architectus

Building Area | 24,554 sqm

Requirements

To supply hot water to a large end of trip facility in a 15 level A grade commercial building

Product

- › 3 x WPL-A 07 Hydronic Heat Pumps

Other features

- › A 4.5 star NABERS Energy Rating
- › A 6 star NABERS water rating



75 Dorcas Street (Retrofit)

Victoria | Commercial Building

Developer | Mirvac

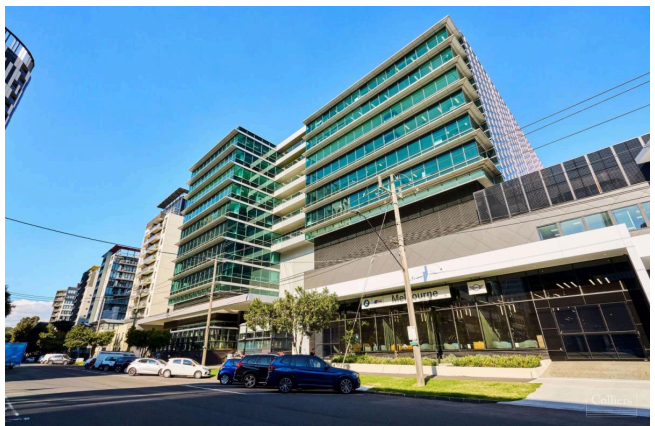
Owner | Growthpoint

Requirements

Design and implement a sustainable, high-efficiency hot water system replacing gas units to support electrification goals.

Product

- Level One (End of Trip Facilities)
 - › 3x WPL-A 07 Hydronic Heat Pumps
 - › 3x 800L DHW Coil Tanks
- Top Floor (Office Bathrooms)
 - › 2x WPL-A 07 Hydronic Heat Pumps
 - › 2x 800L DHW Coil Tanks



Issue 11-25 | Commercial Hot water brochure | Errors excepted. Subject to changes.

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