

## Hot Water Heat Pumps



Enviroflo™



HydraHeat®

For many New Zealand households, heating water accounts for 30% of the power bill. By switching to a hot water heat pump, you can save up to 70%\* on that cost. Both EECA and Consumer NZ have recognised hot water heat pumps as one of the most cost-effective ways to heat water. This comparison sheet is designed to help you compare Rinnai's two hot water heat pumps, highlighting their differences to assist you in making an informed decision.

## Enviroflo™ vs HydraHeat®

System	Unit	Enviroflo™	HydraHeat®
Storage Capacity	Litres	265	275
Coefficient of Performance (COP)***	W/W	3.66	4.7
Rated Heat Pump Output	kW	3.6	3.725
Rated Heat Pump Input	kW	1.1	0.8
Element Rating	kW	2.1	2
Operating Temperature	°C	-5 to 43	-10 to 42
Noise Level (Sound Pressure)	dB(A)	46	45
Refrigerant Type / Mass (g)		R290 / 380	R290 / 150
People per Household		Up to 5	2 to 6
Modes of Operation		Standard / Eco / Hybrid / Electric	Standard / Boost / Eco 50 / Eco 55 / High Usage / Element only / Shutdown
Detachable heat pump head**		X	✓
Designed & manufactured in NZ		X	✓
Frost Protection		✓	✓
Back up element		✓	✓
Warranty		5 years cylinder 3 years heat pump	7 years cylinder 5 years heat pump

Both the Rinnai HydraHeat and Enviroflo use R290 refrigerant which has a low Global Warming Potential (GWP) of 3.

\*Compared with a standard hot water cylinder in Zone 5 (Auckland). Annual energy performance estimated according to AS/NZS 4234:2008 and AS/NZS 5125:2014, medium load size.

\*\*The detachable heat pump head allows for easy servicing and ensures uninterrupted supply of hot water.

\*\*\* Inlet water temperature 19°C, Outlet Water temperature 55°C, Dry Bulb Temperature 19°C. Accredited Testing to AS/NZS 5125 Pending by NATA accredited Provider.