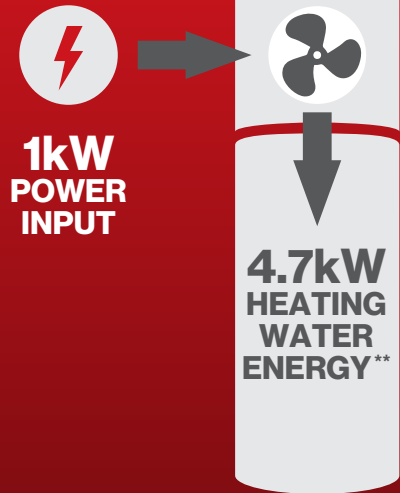


## How It Works

Operating much like a refrigerator in reverse, the HydraHeat® utilises the surrounding air's ambient temperature and amplifies this energy to heat water at significantly reduced costs compared to conventional hot water cylinders.



## Heat Pump Unit

The top unit is the powerhouse using heat pump technology that extracts thermal heat energy from ambient air.

## 275L or 340L Cylinder

The cylinder itself can operate on either electric element or in heat pump mode so you have freedom to choose the best heating option for you.



# Technical Information

RINNAI MODEL		UNIT	RHPN361A275E20	RHPN361A340E20
<b>System</b>				
Storage capacity	Litres		275L	340L
Coefficient of Performance (COP)**	W/W		4.7	
Rated Heat Pump Output <sup>1</sup>	kW		3.72	
Rated Heat Pump Input <sup>1</sup>	kW		0.80	
Hot Water Recovery Rate <sup>2</sup>	L/hr		89	
Element Rating	kW		2	
Operating Temperature	°C		-10 – 42	
Noise Level <sup>3</sup>	dB(A)		45	
Refrigerant Type I Mass	g		R290/150 (nominal charge)	
People per Household			2 to 5	2 to 7
Modes of Operation			Standard, Boost, Eco 55, Eco 50, High Usage, Element Only	
<b>PRODUCT SPECIFICATIONS</b>				
Dimensions – Assembled	Height	mm	1750	1995
	Diameter	mm	692	
Dimensions – Heat Pump	Height	mm	510	
	Weight	kg	36.4	
Dimensions – Cylinder	Height	mm	1275	1520
	Weight - Empty	kg	77	92
	Weight - Full	kg	352	432
	Total weight – Empty	kg	114	128
	Total weight – Full	kg	400	477
Cylinder Construction			Enamel	
<b>Mains Pressure Water Supply &amp; Connections</b>				
Inlet	inch		2x RP 3/4	
Outlet	inch		2x RP 3/4	
Temperature Pressure Relief (TPR) Valve Pressure Rating	KPa		850	
Cold Water Expansion Value Max Pressure Rating	KPa		700	

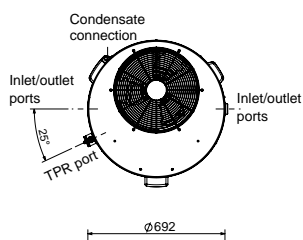
\* Compared with a standard hot water cylinder in Zone 5 (Auckland). Annual energy performance estimated according to AS/NZS4234:2008 and AS/NZS5125:2014, medium load size.

\*\* Coefficient of Performance was measured at the following conditions: Inlet water temperature 19°C, Outlet Water temperature 55°C, Dry Bulb Temperature 19°C.

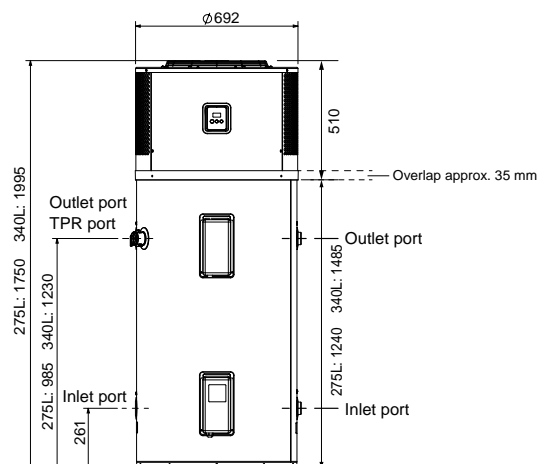
1. In Standard, Eco 55 and Eco50 modes, the heat pump provides 100% of the heating within the operating temperature range. Outside these limits the electric element will operate.

2. Recovery rate calculated In Eco 55 mode, 19°C ambient air temperature, 19°C inlet water temperature, 36°C temperature rise.

3. Sound pressure level (SPL) measured at 1 metre distance from the water heater in a free field. Appliance operated in standard mode (60°C) at an ambient temperature of 19°C.



View the warranty conditions prior to purchase at [rinnai.co.nz/warranty](http://rinnai.co.nz/warranty)



Rinnai is constantly improving its products, and as such, information and specifications are subject to change without notice. For the most up-to-date information, go to [rinnai.co.nz](http://rinnai.co.nz)

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