

Meet the future.

Next-generation **R290 heat pump** technology.



Renewable heating has never looked so good. The **Navien PEM750** brings the latest South Korean thinking to the UK, so you can help your customers discover eco-friendly heating that's simply smarter.

Renewable meets reliable

With an A+++ ErP rating and a SCOP range of up to 4.86, the **PEM750** is designed for robustness and efficiency, packed with smart technology to help drive down carbon without compromising performance.

Quietly beautiful

The **PEM750** has an operating noise level of just 42db – about the same as a refrigerator. A bigger performance than you'd imagine, from a system that's quieter than you'd expect.

Precision remote control

The **PEM750** can be controlled remotely through smart technology and a dedicated app, making it easier to achieve perfect comfort levels while cutting energy usage and costs.

Easily adaptable

The **PEM750** can be effortlessly integrated into both new build and retrofit properties – with our new wiring centre and a wide range of adjustable parameters making even the most bespoke installation simple, neat and efficient.

Smart service

Enjoy the full support of our UK team. Expert training, rapid technical support, exclusive loyalty rewards – all to help you install with confidence, deliver great service and grow your business.

Smarter savings

Between UK Government grants and long-term savings, it's the perfect time to boost your business by helping your customers futureproof their homes, save money and drive down their impact.

There's more inside.

Designed for exceptional performance.

The **PEM750** is packed with technologies that benefit both planet and performance, including R290 refrigerant: ideal for high-temperature operation, with a lower Global Warming Potential (GWP) than R32. Let's look at the full technical details...

Technical Data			PEM750V004PGKC	PEM750V006PGKC	PEM750V008PGKC	PEM750V010PGKC	PEM750V017PGKC
Capacity	Heating (A7/W35)	kW	4	6	8	10	17
Performance							
Heat Pump Space Heating [35°C]	ErP Rating		A+++				
	SCOP (EN14825)		4.86	4.79	4.71	4.77	4.79
Heat Pump Space Heating [55°C]	ErP Rating		A++				
	SCOP (EN14825)		3.5	3.38	3.44	3.57	3.53
Heating [A 7°C / W 35°C]	Capacity	kW	4	6	8	10	17
	COP		4.70	4.65	4.60	4.66	4.45
Heating [A 7°C / W 55°C]	Capacity	kW	4.5	5.5	7.5	9.3	17
	COP		3.21	3.06	2.96	3.05	2.97
Sound Pressure (1m)		dB(A)	42	45	46	46	48
Sound Power Level (EN12102-1)		dB(A)	55	56	60	61	63
Operating Temp. range	Ambient Air	°C	-25 to 43				
	Heating	°C	15 to 70				
Electrical Data							
Power Supply		V/Hz	220-240V/50Hz				
Refrigerant							
Refrigerant Type / Amount		Kg	R290 / 0.75		R290 / 0.80	R290 / 0.98	R290 / 1.4
Dimensions & Weight							
Unit Dimensions (W x D x H)		mm	1166 x 445 x 800			1287 x 500 x 932	1247 x 540 x 1332
Net weight		kg	105		120	145	205
Other							
Water Flow Volume		m3/h	0.68	1.03	1.38	1.70	2.90
Water Connection		inch	G1"	G1"	G1"	G1"	G1"
Pump			UPM3K 25-75	UPM3K 25-75	UPM3K 25-75	UPM3K 25-75	UPMXL 25-125