

Panasonic

Refrigeration engineered for excellence

Step toward more sustainable cooling solutions.



iCQRE / iCOOL

heating & cooling solutions

Panasonic unveils iCORE and iCOOL refrigeration ranges

iCORE and iCOOL condensing units offer a complete line of cooling solutions using CO₂, HFO, and HFC refrigerants – ideal for retail stores, supermarkets, HoReCa, gas stations, food processing, and cold storage. As the industry transitions toward greener technologies, Panasonic provides systems that address both immediate needs and long-term goals in energy efficiency and enhanced environmental responsibility.

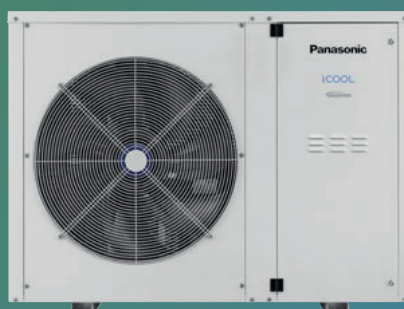
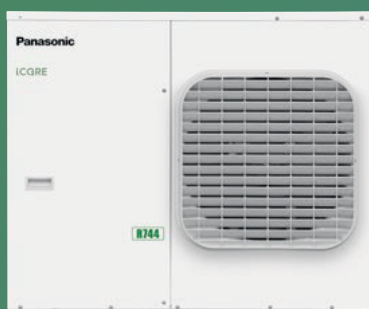


The world keeps moving. So must cooling. Meet our refrigeration portfolio.

Complete line of cooling solutions using CO₂, HFO and HFC refrigerants.

iCORE

CO₂
R744



iCOOL

A2L
R454C

A2L
R455A

R448A

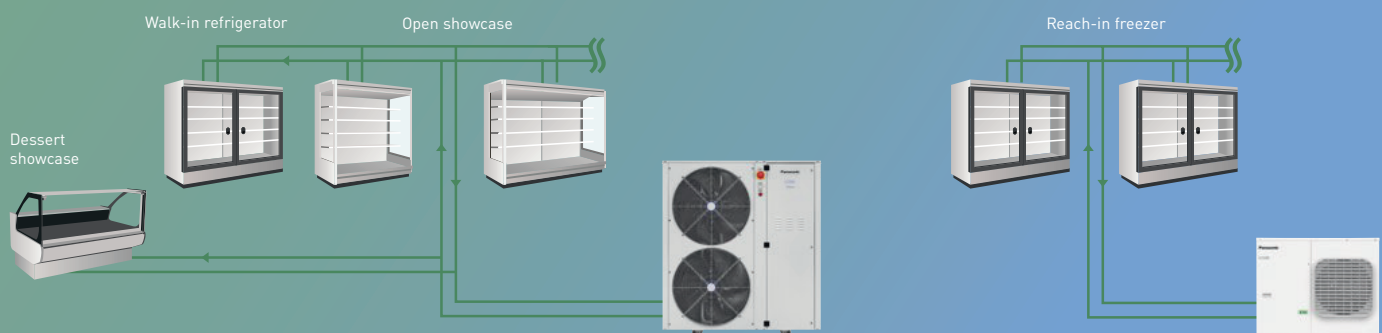
R449A

R134a

R513A

These iCORE and iCOOL brands reflect Panasonic's dual commitment: first, to lead the transition to more sustainable refrigerants; and second, to deliver long-term energy savings and lower electricity bills through advanced Inverter technology, benefiting both today's systems and those ready for the future.

Example applications



iCORE CO₂ range. Naturally efficient cooling

Move to natural refrigerants.

Panasonic's flagship range of CO₂ condensing units, representing the core of future-proof, natural refrigerant technology.

The iCORE range offers a broad selection of cooling capacities, with up to 29 kW for medium temperature applications, and up to 15 kW for low temperature requirements.

iCORE



iCORE OCU-CR CO₂ Series



iCORE OCU/SCU-CRC Custom-fit CO₂ Series



High efficiency Panasonic Inverter compressor



Super quiet



Flexible installation



Heat recovery solutions



Custom-fit solutions
– meeting your needs, saving time and effort*

* Available for iCORE OCU/SCU-CRC Series.

iCORE NCU* Compact CO₂ Series

Ultra-compact non-housing solution for small commercial applications.

- Natural refrigerant at affordable price.
- Indoor and outdoor installation.

* Available in Spring 2026. Image and capacity data are tentative.



MT cooling capacity up to 2,0 kW
LT cooling capacity up to 1,0 kW

iCOOL HFO/HFC range. Inverter solutions for today and tomorrow

Reduce your energy bills with advanced Inverter technology.

A comprehensive range of Inverter HFC and A2L-ready solutions, designed to meet today's market needs while supporting the transition to lower-GWP refrigerants. The iCOOL range covers a wide spectrum of cooling capacities – up to 42 kW for medium temperature applications, and up to 14 kW for low temperature needs.

iCOOL



**Multi-refrigerant
compatibility**



**Easy installation and
maintenance**



**Easy
commissioning**



**Super
quiet**



**Custom-fit solutions
– meeting your needs, saving
time and effort***

* Availability varies by series.

iCOOL SE A2L-ready*








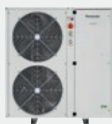


Upgrade of the existing range of iCOOL SE Series units to meet the A2L requirements. Inverter technology at the cost of on-off. Simple engineering solution.

A2L refrigerants are a class of low Global Warming Potential (GWP) gases that serve as alternatives to traditional HFCs, offering mild flammability and low toxicity.








* Available in Spring 2026.










iCORE range – CO₂ condensing units

OCU-CR Outdoor Series						OCU-CRC Outdoor Custom-fit Series			SCU-CRC Indoor High-Pressure Fan Series
MT/LT type	MT type	MT/LT type	MT type	MT/LT type	MT/LT type	MT/LT type	MT/LT type	MT type	MT/LT type
									
OCU-CR200VF5A	OCU-CR400VF8	OCU-CR400VF8A	OCU-CR1000VF8	OCU-CR1000VF8A	OCU-CR2000VF8A	OCU-CRC060A08	OCU-CRC150A08	OCU-CRC210M08	SCU-CRC150A08
Nominal cooling capacity with R744 (kW) at MT: ET/AT= -10/32 °C, LT: ET/AT= -35/32 °C									
4 (MT)/2 (LT)	7	8 (MT)/4 (LT)	14	15 (MT)/8 (LT)	29 (MT)/15 (LT)	6 (MT)/3 (LT)	15 (MT)/7 (LT)	21	15 (MT)/7 (LT)














iCOOL range – HFO/HFC condensing units
SE Outdoor Simple Engineering Series*

MT type				LT type		
						
OCU-KRE025M05	OCU-KRE045M05	OCU-KRE070M05	OCU-LRC100M08**	OCU-KRE012L05	OCU-KRE022L05	OCU-KRE030L05
Nominal cooling capacity with R449A (kW) at MT: ET/AT=-10/32 °C, LT: ET/AT=-30/32 °C						
2,5	4,5	6,5	10,0	1,2	2,2	2,9












OCU Outdoor Custom-fit Series

MT type						
						
OCU-KRC045M08	OCU-KRC070M08	OCU-KRC100M08	OCU-KSC120M08	OCU-KSC150M08	OCU-KSC160M08	OCU-KSC190M08
Nominal cooling capacity with R449A (kW) at MT: ET/AT=-10/32 °C						
4,5	7,0	9,0	12,0	15,0	16,0	19,0












OCU Outdoor Custom-fit Series
SCU Indoor High-Pressure Fan Series

MT type				LT type				MT type		LT type		
												
OCU-KSC240M08	OCU-KSC280M08	OCU-KSC400M08	OCU-KSC420M08	OCU-KRC035L08	OCU-KRC050L08	OCU-KSC090L08	OCU-KSC140L08	SCU-KSC160M08	SCU-KSC190M08	SCU-KSC090L08	SCU-KSC090L08	SCU-KSC090L08
Nominal cooling capacity with R449A (kW) at MT: ET/AT=-10/32 °C, LT: ET/AT=-30/32 °C												
24,0	28,0	40,0	42,0	3,5	5,0	9,0	14,0	16,0	19,0	9,0		

LCU Indoor Compressor Base Series

MT type							LT type			
										
LCU-KRC045M08	LCU-KRC070M08	LCU-KSC100M08	LCU-KSC160M08	LCU-KSC190M08	LCU-KSC280M08	LCU-KSC400M08	LCU-KRC020L08	LCU-KRC035L08	LCU-KRC050L08	LCU-KSC090L08
Nominal cooling capacity with R449A (kW) at MT: ET/CT=-10/45 °C, LT: ET/CT=-30/45 °C										
5,1	7,2	10,0	16,3	19,6	27,7	38,0	2,0	3,0	5,4	8,7

WCU Indoor Series with Water/Glycol-Cooled Condenser

MT type							LT type			
										
WCU-KRC045M08	WCU-KRC070M08	WCU-KSC100M08	WCU-KSC160M08	WCU-KSC190M08	WCU-KSC280M08	WCU-KSC400M08	WCU-KRC020L08	WCU-KRC035L08	WCU-KRC050L08	WCU-KSC090L08
Nominal cooling capacity with R449A (kW) at MT: ET/CT=-10/45 °C, LT: ET/CT=-30/45 °C										
5,1	7,2	10,0	16,3	19,6	27,7	38,0	2,0	3,0	5,4	8,7

* A2L-ready upgrade of the existing SE Series is currently under development. ** The A2L-ready feature is already available for OCU-LRC100M08.

Refrigeration factory in Europe

Wrocław, Poland.

Equipped with a dedicated in-house R&D team focused on advancing refrigeration technologies, the site will also house its training hub and a state-of-the-art refrigeration laboratory, set to open in early 2026. With localised production and a streamlined supply chain, the factory will enable significantly shorter delivery lead times across Europe.

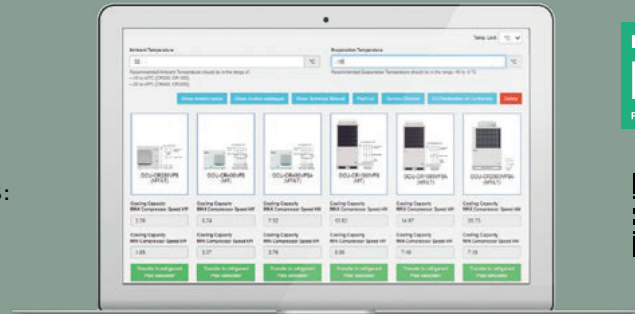


Panasonic leverages engineering synergy across Japan and Europe to drive seamless development and integration. This collaboration enhances product quality, accelerates innovation, and ensures efficient, future-ready solutions.



REF PRO Designer

This simple design tool supports engineers, installers, and technicians to make a quick calculation for commercial refrigeration systems: <http://www.panasonicproclub.com>



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Panasonic Marketing Europe GmbH
Panasonic Heating & Ventilation Air-Conditioning Europe
Hagenauer Strasse 43, 65203 Wiesbaden, Germany