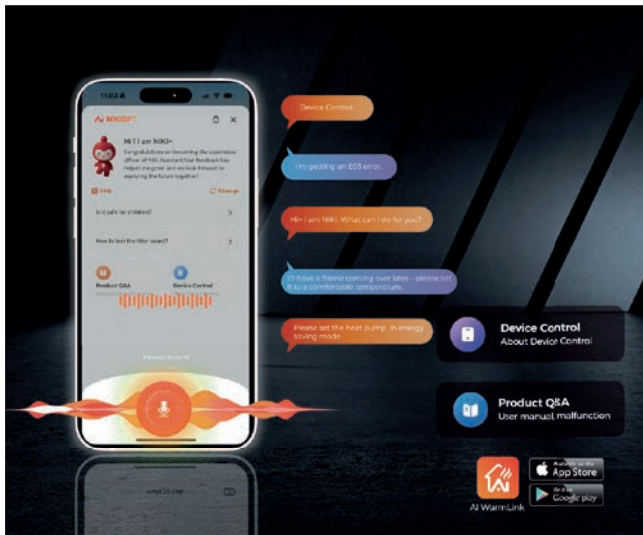


FLIXX

ICEFALL

Inverter Commercial Heat Pump for Heating, Cooling, DHW

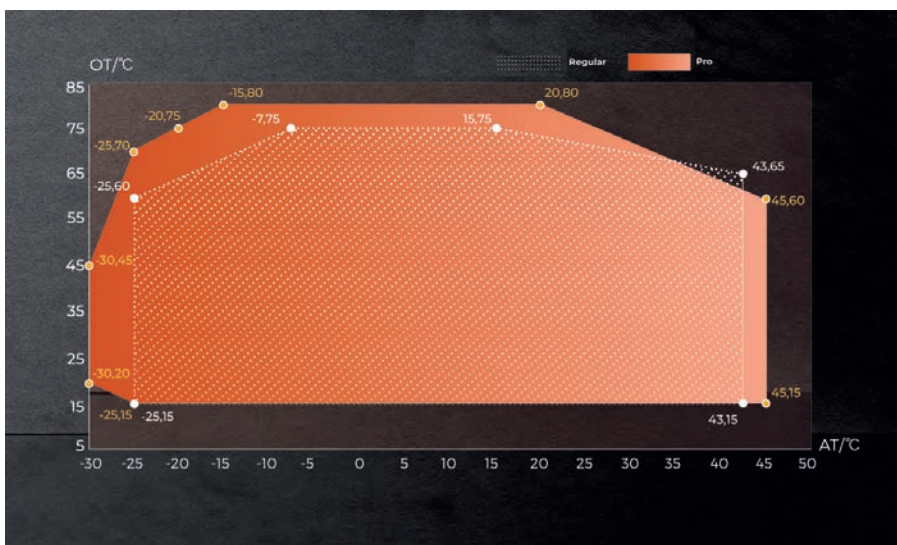




AI Smart Assistant

Operate and adjust the heat pump via voice assistant

Operating Envelope



Expanded Capacity Range: first 4 kW & 7 kW EVI residential heat pumps from FLIXX, covering a wider range of household applications

Jointly Developed Drive System: Co-developed with GMCC, the back-EMF motor is precisely matched to EVI operating conditions, balancing high performance with long-term reliability

Smart Ecosystem





AI Energy Management

Big Data Intelligence: Refined by real-time data from 25,000+ heat pumps, our AI model delivers a field-proven algorithm that maximizes COP in all climates.

Dynamic Grid Adaptation: Seamlessly integrating European dynamic electricity tariffs, the system automatically adjusts compressor frequency to maximize COP and drastically reduce running costs.

User-Centric Automation: Intelligent scheduling based on user's habit to reduce unnecessary cycling, extending the lifespan of the unit. Intelligent scheduling based on habit recognition reduces unnecessary cycling, enhancing comfort while extending the unit's lifespan.

AI Energy Management

Equipped with the latest EVI compressor, GreenTherm Pro delivers high energy efficiency and stable performance even under extreme cold conditions.

High Outlet water temperature: Up to 80°C

Ultra-Low Ambient Operation: Stable performance down to -30°C

Superior Performance: GreenTherm Pro achieves the A+++ energy label at both 35°C and 55°C water temperatures. This ensures maximum energy savings and full compliance with the strictest European efficiency standards.



31dB(A) Ultra-Quiet Design

Compliant with the requirement of German TA Lärm.

Full Suspension Technology for Compressor and Assembly Compartment

Effectively isolates vibration transmission

ICEFALL

	ICEFALL 2-11 AI PRO	ICEFALL 4-17 AI PRO	ICEFALL 6-24 AI PRO
Type	Compact · 1-phase · Single circuit	Standard · 3-phase · Single circuit	High-capacity · 3-phase · Single circuit
Energy class 35/55 °C	A+++ / A+++	A+++ / A+++	A+++ / A+++
Operating range	-30 to +45 °C	-30 to +45 °C	-30 to +45 °C
Max outlet temp.	80 °C	80 °C	80 °C
Nominal capacity A7/W35, kW	6	12	17
COP at nominal (A7/W35)	5.38	4.84	4.71
Heating range A7/W35, kW	1.90–10.69	4.46–16.81	6.0–24.06
COP at nominal (A7/W55)	3.41	3.24	3.25
Heating range A7/W55, kW	1.06–9.97	4.25–16.87	6.0–22.69
Heating BOOST @ -15 °C/W35, kW	5.9	11.35	14.23
Heating BOOST @ -15 °C/W55, kW	5.55	11.44	14.04
SCOP at 35 °C	5.56	5.09	5.17
SCOP at 55 °C	4.09	3.85	3.97
Cooling capacity range, kW	1.12–6.82	3.44–14.14	4.0–18.0
Cooling power input range, kW	0.57–2.54	1.01–5.14	1.7–7.2
Compressor	Twin Rotary EVI · GMCC	Twin Rotary EVI · GMCC	Twin Rotary EVI · GMCC
Fan type	DC Motor	DC Motor	DC Motor
Max power / current, kW / A	3.60 / 15.50	7.40 / 11.30	9.71 / 15.00
Refrigerant / charge	R290 / 0.7 kg	R290 / 1.0 kg	R290 / 1.3 kg
Power supply	220–240 / 1N~ / 50	380–415 / 3N~ / 50	380–415 / 3N~ / 50
Water connection	G 1"	G 1"	G 1"
Rated water flow, m ³ /h	1.03	2.06	2.92
Pump head @ rated flow, m	7	7.8	10.4
Sound pressure @ 1 m, dB(A)	39	42	45
Sound power (EN 12102), dB(A)	48	51	51
Net weight, kg	133	148	200
Dimensions L×W×H, mm	1370×590×915	1370×590×915	1370×590×1335