

AERO ALM MAX*

10–50 kW

* AVAILABILITY MAY VARY BY COUNTRY.

We are happy to assist you with any questions and provide personalized advice.



Read more at:



The AERO ALM MAX is a modulating air source heat pump that enables users to adjust power efficiently. It provides energy-efficient heating, cooling, and domestic hot water preparation in buildings of various sizes. With stepless modulation, the heating capacity of this heat

pump can be flexibly adjusted to the actual heat requirement between 10–50 kW. In addition, the AERO ALM MAX is equipped with two separate cooling circuits, which ensures high operational reliability.

- Up to 70°C flow temperature – ideal for renovation and new construction
- High SCOP 35°C: 5.08 for low energy consumption
- Maximum reliability and dependability – thanks to two separate cooling circuits
- The separation circuit concept prevents mixing of storage tanks and thus ensures efficient energy use
- Future-proof thanks to natural refrigerants
- Reliable frost protection and maximum operational reliability at all times – thanks to a sophisticated separation circuit concept
- Extremely quiet

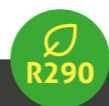
- Efficient operation of your system thanks to individually adapted power consumption
- Intelligent NAVIGATOR Energy Manager – to efficiently control heating and cooling modes, as well as for domestic hot water preparation
- Active cooling is integrated as standard – for pleasant temperatures on hot summer days
- Highest quality and durability thanks to the robust aluminium construction of the outdoor unit and the high-quality components used
- Cascadable up to 500 kW heating capacity



AERO ALM MAX

10–50 kW

PRODUCT NAME	AERO ALM 10 – 50 MAX
Capacity range	10 – 50 kW
SCOP 35°C (moderate climate)	5.08
Refrigerant	R290
Sound power level – nominal	57 dB(A)
Heating capacity at A7/W35 (max. speed)	54.80 kW
Heating capacity at A7/W35 (nominal speed)	33.00 kW
Interior unit HxWxD	696/560/189 mm
Outdoor unit HxWxD	1514/3748/1005 mm



We can do more than small.
We can also do big.

The iDM AERO ALM MAX is ideal for use in large properties such as hotels, commercial establishments, and residential complexes that have high energy requirements. With its modulating heating output of 10 – 50 kW and extremely quiet operation, it adapts flexibly to the current heating and cooling requirements. Thanks to innovative technologies such as two separate cooling circuits for high operational reliability, natural refrigerant, and intelligent PV and battery integration, it is a future-proof and environmentally-friendly choice for both new buildings and renovations.

