

AERO SLM AIR SOURCE HEAT PUMP



HEAT PUMPS FROM AUSTRIA

www.idm-energie.at

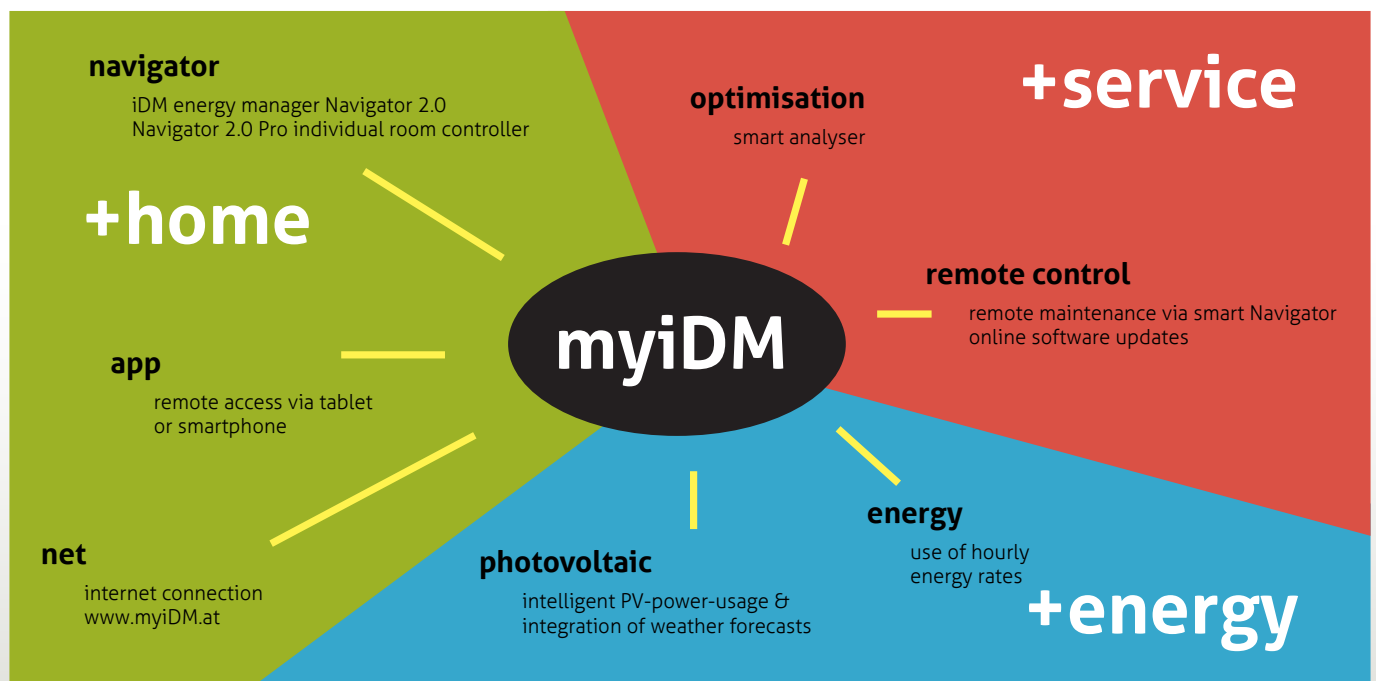
AERO SLM 3-11 - AIR SOURCE HEAT PUMP

The new AERO SLM is a **modulating air source heat pump** for **efficient power adaptation**. The heating, cooling and domestic hot water preparation for detached houses is a child's play to the new AERO SLM. The **heat output** of the heat pump is **continuously adjusted by modulation** between 3 kW and 11 kW to the actual heat requirement. Using high-quality components and CIC inverter cooling, the AERO SLM is a highly efficient heat pump with a **COP of 4.37**.

- ◉ **Extremely quiet operation**
- ◉ **Inverter controlled power modulation for low energy consumption**
- ◉ **Navigator 2.0 control system with 7" colour touch display**
- ◉ **Frostproof connection to the outdoor unit**
- ◉ **Photovoltaic control**
- ◉ **COP of 4.37 guarantees high efficiency**
- ◉ **Heating, cooling & hot water**
- ◉ **Controlled HGL technology for maximum hot water convenience and a long lifecycle**



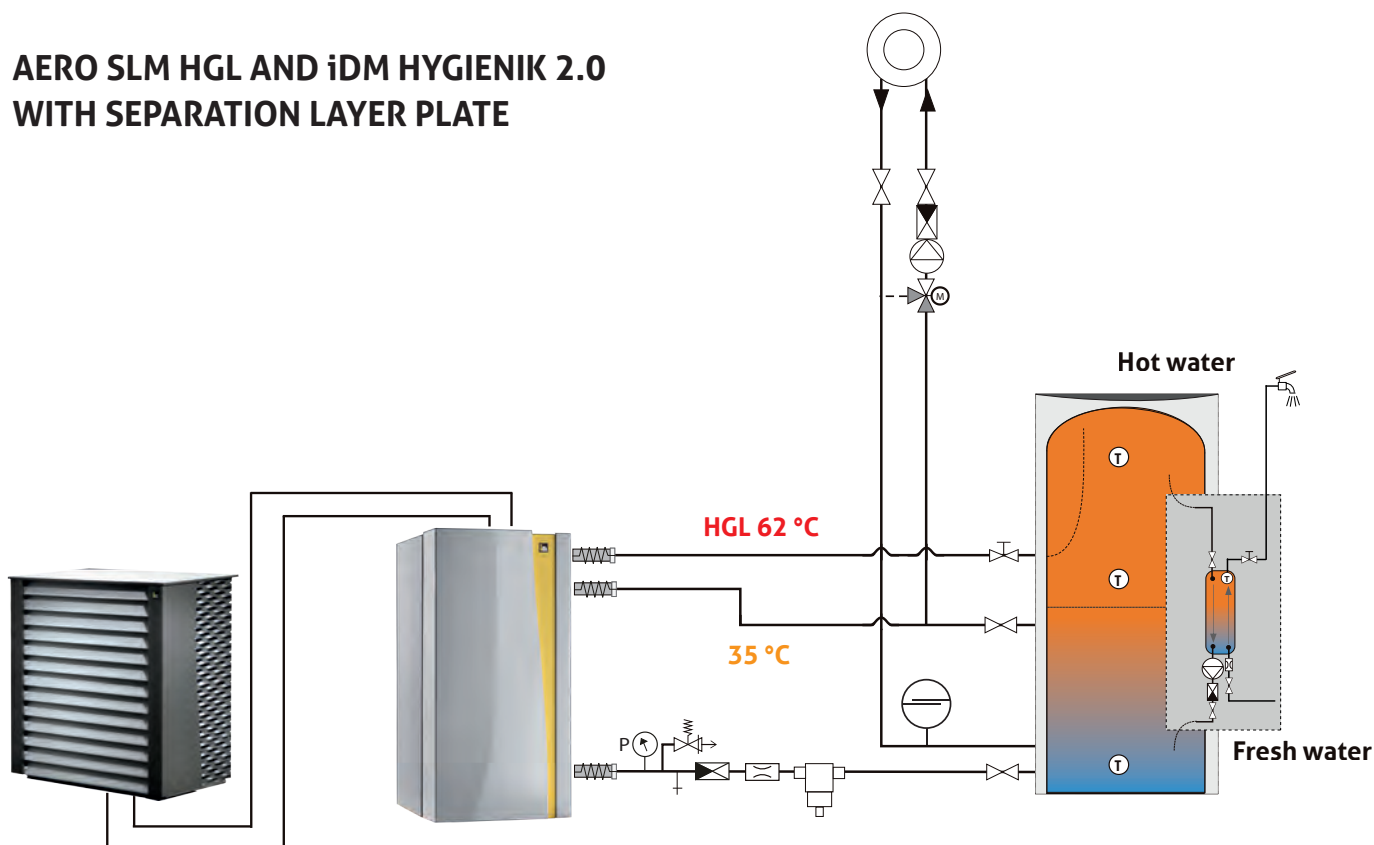
THE INTELLIGENT HEAT PUMP



THE BENEFITS OF CONTROLLED HGL TECHNOLOGY WITH HYGIENIC FRESH WATER HEATING

iDM heat pumps save costs, because the controlled HGL technology means more than 85 % of the energy is fed into the heating circuit at 35 °C. The remaining part reaches a temperature of 62 °C, and the content is made available for hot water preparation via the Hygienik tank with fresh water technology. Water is only heated when hot water is tapped. The water in the storage tank is for heating only. As a result, hot water is always fresh and the formation of microorganisms such as Legionella and other bacteria is prevented.

AERO SLM HGL AND iDM HYGIENIK 2.0 WITH SEPARATION LAYER PLATE



SIMPLE REGULATION - ONLY 3 STEPS TO „myiDM.at“

1. Connect the heat pump to the internet
2. Register at www.myiDM.at
3. Log on your heat pump in the system


Your benefit: You determine your heat pump when and from where you want - including the possibility to remote maintenance.



What you can see on the Navigator 2.0 touch display, you can also see and operate on your smartphone!

TECHNICAL DATA

AERO SLM AIR SOURCE HEAT PUMP

Technical data in compliance with EN14511	UNIT	SLM 3 - 11 HGL
Energy efficiency class package label (heat pump + temperature control)		
Inverter technology (modulation)		yes
Output range	kW	3 - 11
Heat output at A2/W35 at maximum speed	kW	10,20
Heat output at A2/W35 at nominal speed	kW	5,92
Refrigerant ¹⁾		R410A
Max. flow temperature	°C	62
COP at A2/W35 at nominal speed		4,37
Main current power supply	V	400
Control circuit power supply	V	230
Dimensions internal unit HxWxD	mm	1262x620x762
Dimensions external unit HxWxD (integrated baseplate)	mm	1180x1100x745
Weight external/internal unit	kg	113/165
Sound power level internal unit - nominal speed	dB(A)	45
Sound pressure level external unit ²⁾³⁾	dB(A)	25/31



¹⁾ The heat pump contains the F-Gas R410A and is subject to the provisions of F-Gas regulation EU/517/2014.

²⁾ Free standing installation - distance of 10 m/5 m.

³⁾ In compliance with EN12102.



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 Seblas 16-18 | A-9971 Matrei in Osttirol
 www.idm-energie.at | team@idm-energie.at

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 Changes & errors excepted.

