

AERO SLM AIR SOURCE HEAT PUMP



iNTELLiGENT HEAT PUMPS FROM AUSTRIA

www.idm-energie.com

AERO SLM 3-11 AND AERO SLM 6-17

AIR SOURCE HEAT PUMP

The AERO SLM is a **modulating air source heat pump** for **efficient power adaptation**. The heating, cooling and domestic hot water preparation for detached houses and two-family 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 or 6 kW and 17 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 or 4,50**.

- ◉ **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 4,37 (SLM 3-11) or 4,50 (SLM 6-17) guarantees high efficiency**
- ◉ **Heating, cooling & hot water**
- ◉ **Controlled HGL technology for maximum hot water convenience and a long lifecycle**
- ◉ **Voice control of the most important functions**



© pololia - fotolia.com



THE iNTELLIGENT HEAT PUMP

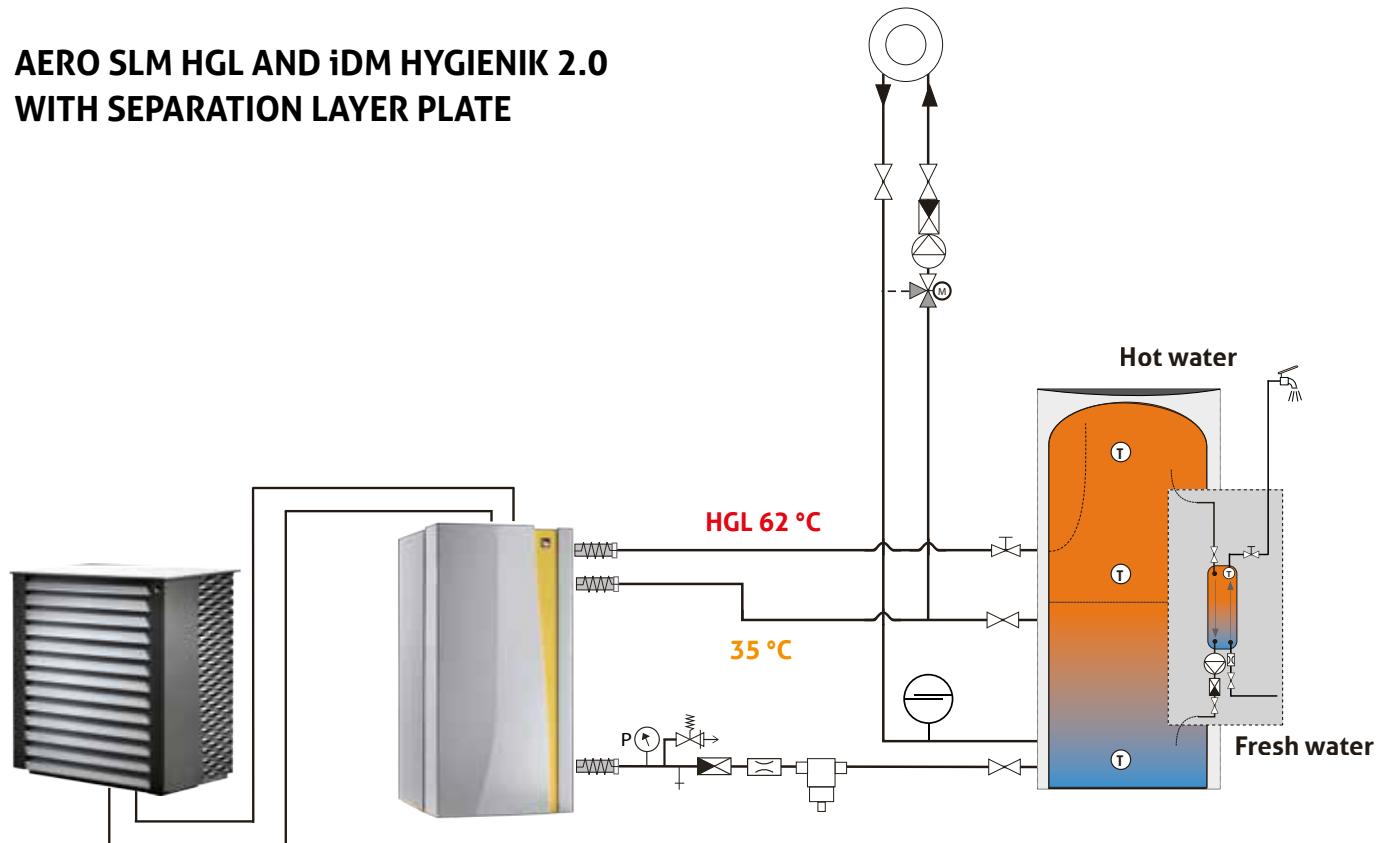


THE **BENEFITS OF CONTROLLED HGL TECHNOLOGY** WITH HYGIENIC FRESH WATER HEATING

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.

* The 62°C refers to the maximum heat pump flow temperature. The resulting lower hot water temperature must be checked in relation to compliance with the drinking water ordinance.

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 without HGL	SLM 6 - 17 HGL without HGL
Energy efficiency class package label (heat pump + temperature control) ¹⁾	-	A+++/A++	A+++/A+++
Inverter technology (modulation)	-	yes	yes
Output range	kW	3 - 11	6 - 17
Heat output at A2/W35 at maximum speed	kW	10,20	17,43
Heat output at A2/W35 at nominal speed	kW	5,92	11,25
Cooling capacity at A35/W18 at nominal speed	kW	7,80	11,98
EER at A35/W18 at nominal speed	-	4,32	4,43
Refrigerant ²⁾	-	R410A	R410A
Max. flow temperature	°C	62	62
COP at A2/W35 at nominal speed	-	4,37	4,50
Main current power supply	V	400	400
Control circuit power supply	V	230	230
Dimensions internal unit HxWxD	mm	1262x620x762	1262x620x762
Dimensions external unit HxWxD (integrated baseplate)	mm	1180x1100x745	1546x1090x745
Weight external/internal unit	kg	113/165	150/168
Sound pressure level outdoor unit - distance of 10 m/4 m ³⁾	dB(A)	21/29	28/36

¹⁾ Energy efficiency class according to EU regulation No. 811/2013 heating, at a flow temperature: 35 °C / 55 °C.

²⁾ The heat pump contains the F-Gas R410A and is subject to the provisions of F-Gas regulation EU/517/2014.

³⁾ In compliance with EN12102 - free standing installation in silent mode or night mode.



© Christin Lola - fotolia.com



© iDM ENERGIESYSTEME GMBH
Seblas 16-18 | A-9971 Mauterndorf in Osttirol
www.idm-energie.com | team@idm-energie.at

03.2024/81838951 • iDM product sheet SLM air source heat pump
Changes and errors excepted.

