

iPUMP A AIR SOURCE HEAT PUMP



HEAT PUMPS FROM AUSTRIA

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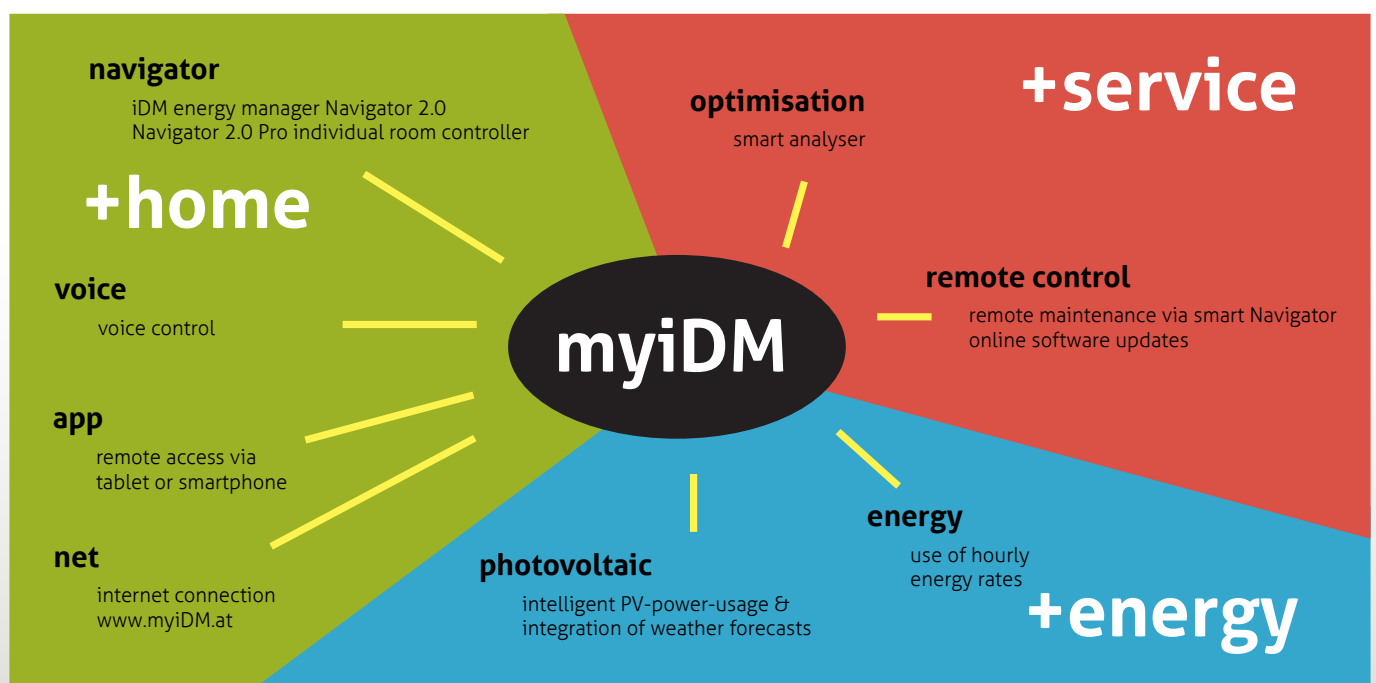
AIR SOURCE iPUMP A 2-7 AND iPUMP A 3-11

Three arguments for the intelligent inverter controlled iPump A? **Maximum efficiency, maximum innovation and maximum comfort!** Despite the compact design the air source heat pump scores with integrated drinking water storage and a high COP up to 4,42.

- ⊙ **Extremely quiet operation**
- ⊙ **Frostproof connection to the outdoor unit**
- ⊙ **COP 4,42 (iPump A 2-7), COP 4,37 (iPump A 3-11)**
- ⊙ **Navigator 2.0 control system with capacitive 7" colour touch display**
- ⊙ **Very small installation space required - only 0,45 m²**
- ⊙ **Heating, cooling & hot water**
- ⊙ **Photovoltaic control**
- ⊙ **Voice control of the most important functions**



THE **i**NTelligent HEAT PUMP



THE **iPUMP HEATS, COOLS** AND PROVIDES **HOT WATER**

If you are looking for a compact, efficient and intelligent air source heat pump - the iDM iPump A is the perfect solution for you! Besides heating & cooling the iPump offers maximum comfort - within seconds the integrated storage tank provides sufficient hot water - on request up to 75 °C. As a result, the formation of microorganisms such as legionella and other bacteria is prevented.



PERFECT FOR **DETACHED HOUSE OR MULTIPLE DWELLING**

The iPump is not only the perfect solution for detached houses - it is also the perfect choice for multi family dwellings: It ensures pleasant warmth, cooling and fresh hot water with minimal space requirements in the residential units. Other advantages: easy insertion due to divisibility, no losses through a circulation line, due to the individual water heating the complicated counting and invoicing process can be avoided. The administrative and running costs are reduced to a minimum!



TECHNICAL DATA

iPump A air source heat pump

Technical data in compliance with EN14511	UNIT	iPump A 2 - 7	iPump A 3 - 11
Energy efficiency class package label (heat pump + temperature control)		A+++/A+++	A+++/A++
Inverter technology (modulation)	-	yes	yes
Output range	kW	2 - 7	3 - 11
Heat output at A2/W35 (air) at maximum speed	kW	7,55	10,20
Heat output at A2/W35 (air) at nominal speed	kW	3,90	5,92
COP at A2/W35 at nominal speed	-	4,42	4,37
Cooling capacity A35/W18 (air) at nominal speed	kW	4,95	7,80
EER A35/W18 (air) at nominal speed	-	4,80	4,32
Refrigerant ¹⁾	-	R410A	R410A
Max. flow temperature	°C	62	62
Main current power supply	V	230	400/230
Control circuit power supply	V	230	230
Dimensions indoor unit HxWxD	mm	1950 x 600 x 786	
Dimensions external unit HxWxD	mm	1180 x 1110 x 745	
Weight	kg	indoor unit 251 / outdoor unit 110	indoor unit 270 / outdoor unit 113
External unit sound pressure level (distance 10 m/4m) ²⁾	dB(A)	18/26	21/29
Hot water			
Capacity storage tank	l	200	200
Max. temperature storage tank	°C	55	55
Max. temperature storage tank with electrical heating unit	°C	75	75
Singulary output capacity at 40°C tapping temperature - heat pump	l	315	315
Singulary output capacity at 40°C tapping temperature - electrical heating unit	l	432	432

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

²⁾ In compliance with EN 12102 with free installation in silent mode or night mode.

ALSO PERFECT FOR RESTRUCTURING

- ⊙ Easy insertion due to divisibility
- ⊙ Infinitely variable power adjustment to the restructuring progress
- ⊙ Easy connection of existing plan components - heating circuit connection, cold and hot water connections are directed upwards
- ⊙ All in one – solution for heating and hot water generation



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Changes & errors excepted.

