



**Highly efficient,  
modern**

**heat pumps for central heating  
and domestic hot water**



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NEXUS SPLIT 10 EVI	420 000 401
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**Inverter split heat pumps**

The heat pumps are equipped with an infinitely variable compressor and a brushless fan with variable speed control. This allows the heat pump to adapt itself to the energy needs of the heat consumers. The stable operation of the heat pump allows for high efficiency while maintaining low noise level generated by the compressor.

The cooling system equipped with EVI (Enhanced Vapour Injection) technology ensures high efficiency in classic radiator installations. High quality of the device is guaranteed by innovative solutions based on subassemblies of renowned global manufacturers such as Panasonic, Grundfos or Carel.



One of the cheapest ways to heat buildings. The system works even in temperatures of -20°C



High operating efficiency and long service life, thanks to the use of components from renowned global manufacturers



An extensive controller ensures optimum control and protection of the system. The possibility of internet control is available. A wired user interface included as standard.



The Split construction eliminates the risk of frozen pipelines during power outages



High comfort of use. Intuitive and simple operation of the controller



Energy class A+++ at 55°C supply temperature, A+++ at 35°C supply temperature



Quiet operation

**NEXUS - Award-winning heat pumps**



Award **Marka Śląskie** 2017



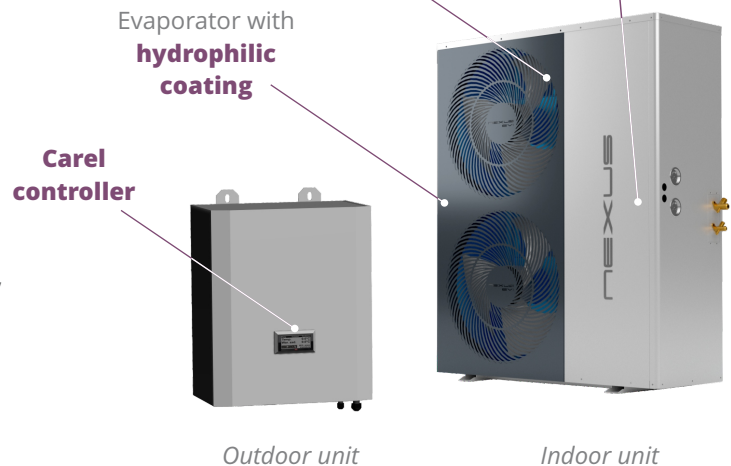
Award **Eko Karlik** 2016



Award **Innovator Śląska** 2014

**Highly efficient and quiet fan operation**

**EVI rotary compressor with multi-stage steam injection**

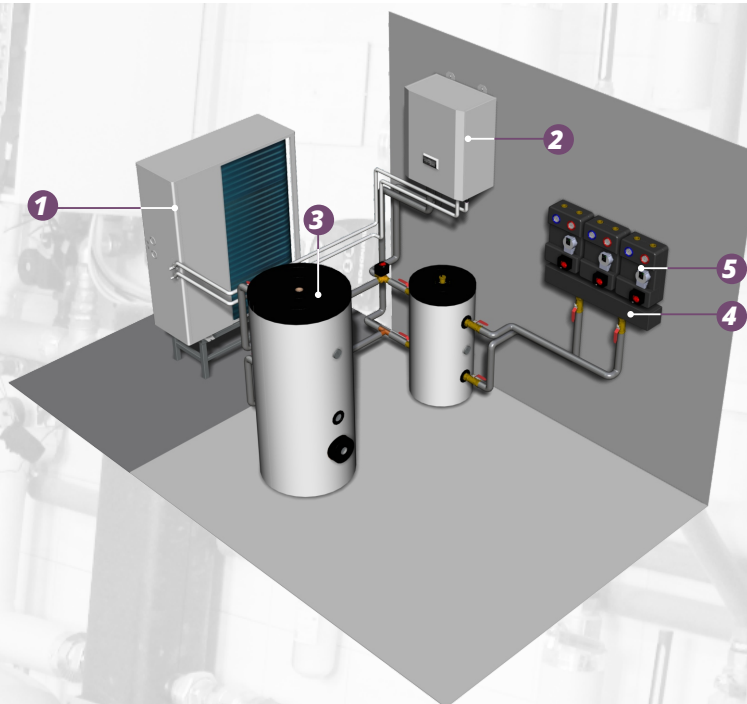


**Technical specifications**

SCOP (W35) moderate climate	kWh/kWh	4,56	4,7	4,69
SCOP (W55) moderate climate	kWh/kWh	3,34	3,69	3,67
A7W35 heating power / COP	kW/-	8,650 / 3,670	13,70 / 4,10	15,225 / 3,807
Energy efficiency class W35/W55			A+++ / A++	
Compressor		Panasonic (rotary, multi-stage steam injection)		
Cooling mode		Yes		
Ambient temp. min/max in cooling mode	°C	from 17 to 35	from 17 to 35	from 17 to 35
Ambient temp. min/max in heating mode	°C	from -25 to 45	from -25 to 45	from -25 to 45
Recommended heating water flow rate	m <sup>3</sup> /h	1,69	2,4	2,92
Working medium		R410A	R410A	R410A
Amount of working medium	kg	2	3,8	3,8
Defrosting type		hot gas	hot gas	hot gas
Sound power level L <sub>WA</sub> EN12102	dB(A)	62	62	62
Sound pressure** at a distance of 5m	dB(A)	40	40	40
Water connection	cal	IT 1	IT 1	IT 1
Refrigeration connections	mm	12,7 (1/2") and 15,88 (5/8")	12,7 (1/2") and 19 (3/4")	12,7 (1/2") and 19 (3/4")
Primary circulation pump		Grundfos 25-11		
<b>Dimensions</b>				
L x W x H (outdoor unit)	mm	1110 x 475 x 810	1110 x 475 x 1355	1110 x 475 x 1355
L x W x H (indoor unit)	mm	550 x 325 x 650	550 x 325 x 650	550 x 325 x 650
Weight (outdoor/indoor)	kg	74/52	110/56	110/56
<b>Electric connection</b>				
Power supply		380-420V 3~ 50Hz	380-420V 3~ 50Hz	380-420V 3~ 50Hz
Power cable	mm <sup>2</sup>	5x2,5	5x4	5x4
Power of flow heater	A	6,74	11,54	11,54
Max inrush current	A	<5	<5	<5

\*\* The quoted sound pressure is for a free-standing heat pump

Your heating room **can look like this**



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other products

**1 Outdoor unit**  
Nexus Split EVI 10/17

**3 DHW tanks**  
FISH S16 / FISH S15

**5 Pump groups**

**2 Indoor unit**  
Nexus Split EVI 10/17

**4 Distributors**