



INNOVUS

HEAT PUMP



**HEAT PUMP
DOMESTIC HOT WATER**

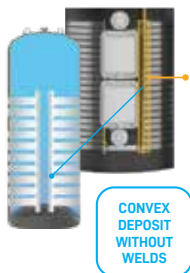
IN-200 GA / IN-300 GA



DHW HEAT PUMP INNOVUS



Microchannel heat exchangers



Dedicated heat exchanger for R290 with parallel microchannels in flat aluminum tubes. Innovative micropore design in the cooling process. With the international patent (PCT/CN2023/130162) Heat transfer performance is improved by 32% when compared to conventional aluminum plate heat exchangers.



Intelligent Controller

Intelligent microprocessor control, without the need for special supervision or maintenance, automatically realizes heating, temperature conservation and defrosting, saving time and without worries.



Special compressor for heat pumps

A special compressor for heat pump, that can withstand high temperatures and high pressure. It is more efficient and reliable than conventional air conditioning compressors.



Temperature probe holder

It reduces drilling and welding of the internal tank, eliminating the risk of leakage. Therefore, the water tank is more reliable, and the temperature reading is more accurate.



Dual-temperature probe

Upper and lower temperature probe used for ON-OFF control, so that the water temperature control is more accurate. Comfort in the use of dhw is guaranteed.

INTELLIGENT ELECTRICAL ANODE FOR CORROSION PREVENTION

ANTI-CORROSION GLAZED TANK



Intelligent control

Flexible installation
Anti-Legionella Function



WATER TANK PROTECTION



ELECTRICAL RESISTANCE PROTECTION



INSULATED WATER TANK



AUTOMATIC TEMPERATURE CONTROL



EQUIPOTENTIAL PROTECTION



AUTOMATIC FAULT DETECTION



OVERPRESSURE PROTECTION



ANTI-BACKFLOW PROTECTION



HEAT PUMP INNOVUS			IN-200 GA	IN-300 GA
Power Supply		V~/Hz	220 240V ~ 50/60Hz	
Heat Pump Thermal Power		W	1700	
Heat Pump Rated consumption		W	425	
Power Electrical Resistance		W	2000	
COP*		COP	3.50	3.90
Energy Efficiency*		%	135	145
Heating Time*(EN16147)		h:mm	07:22	08:00
Qtt. of Water With draw at 40°C (EN16147)		L	282	328
Noise pressure LWA		(V1/V2) dB(A)	54/48	
Eco-Friendly Gas / Quantity		-/kg	R290 / 0.15	
Energy Class			A+	
Load Profile			XL	XL
Dimensions	Unit Dimensions (ø/Height)	mm	668x1667	668x1947
	Duct Diameter	mm	160	
	Weight	kg	96	108
Tank	Capacity	L	206	270
	Max. Pressure	bar	8,0	
	Material	Vitrificado		
	Isolation	mm	50, espuma de poliuretano	
	Hydraulic Coonectios	inch	3/4"	
Temp. of Operation (Air) Min/Max		°C	-7 / 45	
Temo. Water Outlet		°C	35 / 70	
4-way valve			✓	✓
Electronic Expansion Valve			✓	✓
Code		NI1510200	NI1510300	