



Floor-standing heat pump water heater



HIGH EFFICIENCY



ANTI LEGIONELLA



DEFROSTING SYSTEM



ECOLOGIC GAS R134A



SUPER SILENCE

- COP 3,7 WITH AIR TEMPERATURE AT 20°C (EN 255-3)
- COP 2,9 WITH AIR TEMPERATURE AT 7°C (EN 255-3)
- WORKING RANGE IN HEAT PUMP MODE WITH AIR TEMPERATURES FROM - 5 TO 42°C.
- ECOLOGIC GAS R134A ALLOWS TO REACH WATER TEMPERATURES UP TO 62°C IN HEAT PUMP MODE
- CONDENSER WRAPPED AROUND THE TANK
- LOW NOISE (EXTERNAL UNIT)
- BOILER IN TITANIUM ENAMELLED STEEL
- HEATING ELEMENT IN DOUBLE POWER STEATITE
- ACTIVE ANODE (PROTECH) + MAGNESIUM ANODE
- LCD DISPLAY
- AUTO, BOOST, GREEN, VOAGE, BOOST2, ANTILEGIONELLA FUNCTIONS AND TIME SETTING OF THE WITHDRAWALS



Technical data

NUOS EVO SPLIT		300
COP air 20°C water 15-55°C (EN 255-3)		3,6
COP air 7°C water 15-55°C (EN 255-3)		2,9
COP according to EN 16147		2,7
Min/max air temperature	°C	-5/ 42
Thermal power with air at 20°C (*)	W	2450
Average absorbed power (*)	W	680
Heating time with air at 20°C (*)	H,min	5,30
Heating time with air at 7°C (*)	H,min	7,15
Max. quantity of hot water at 40°C (**)	l	549
Storage tank capacity	l	300
Thermal losses in 24h	W	0,63
Max. operating pressure	bar	6
Voltage/ max. power consumption (*)	V/W	227&2500
Heating element power	W	1500+1000
Weight when empty	kg	87
Protection rating		IPX4
Insulation thickness	mm	50
Diameter of hydraulic connections	"	3/4M
Min. temperature of storage tank room	°C	1
EXTERNAL UNIT TECHNICAL DATA		
Diameter of refrigerant connections	"	1/4 - 3/8 flare type
Weight when empty	kg	32
Standard air flow rate	m ³ /h	1300
Sound power	dB(a)	60
Sound pressure level at 5 m	dB(a)	42
Max. pressure of refrigerating circuit (low-pressure side)	bar	12
Max. pressure refrigerating circuit (high-pressure side)	bar	27
Protection rating		IPX4
Max. distance between storage tank and external unit	m	8
Max. height difference between storage tank and external unit	m	3

(*) Water temperature 15-55°C with air at 20°C (EN 255-3)
 (**) Water temperature 15-62°C with air at 20°C (EN 255-3)

Super silence,
 -5°C inlet air min.
 temperature.
 Renewable
 product

MODEL	NUOS EVO SPLIT 300
PRODUCT CODE (storage tank + external unit)	3069414
Storage tank code	3069403
External unit code	3603528