



Floor standing heat pump water heater



HIGH EFFICIENCY



ANTI LEGIONELLA



SOLAR INTEGRATION



DEFROSTING SYSTEM



ECOLOGIC GAS R134A

- COP 3,7 WITH AIR TEMPERATURE AT 20°C (EN 255-3)
- COP 3,1 WITH AIR TEMPERATURE AT 7°C (EN 255-3)
- WORKING RANGE IN HEAT PUMP MODE WITH AIR TEMPERATURE FROM -5°C TO 42°C
- ECOLOGIC GAS R134A ALLOWS TO REACH WATER TEMPERATURES UP TO 62°C IN HEAT PUMP MODE
- CONDENSER WRAPPED AROUND THE TANK
- TITANIUM ENAMELLED STEEL TANK
- ACTIVE ANODE (PROTECH) + MAGNESIUM ANODE
- LCD DISPLAY
- AUTO, BOOST, GREEN, VOYAGE, BOOST2, ANTI-LEGIONELLA FUNCTIONS AND TIME SETTING OF THE WITHDRAWALS
- COIL AND PROBE-HOLDER FOR SOLAR AND/OR BOILER INTEGRATION
- INTEGRATED MULTI-DIAMETER ADAPTER FOR AIR INLET AND OUTLETS
- INTEGRATED HANDLING STRAPS



Display easy to use,
-5°C inlet air min. temperature.
Renewable product

Technical data

NUOS		200	250	250 SYS
COP air 20°C water 15-55°C (EN 255-3)		3,7	3,7	3,7
COP air 7°C water 15-55°C (EN 255-3)		3,1	3,1	3,1
COP according to EN 16147		2,61	2,8	2,8
Min/max air temperature	°C	-5/ 42	-5/ 42	-5/ 42
Thermal power with air at 20°C	W	2775	2775	2775
Average absorbed power (*)	W	750	750	750
Heating time with air at 20°C (*)	h,min	3,30	4,03	4,03
Heating time with air at 7°C (*)	h,min	5,12	6,04	6,04
Max. quantity of hot water at 40°C (**)	l	348	435	435
Storage tank capacity	l	200	250	250
Thermal losses in 24h	W	0,6	0,65	0,65
Max. operating pressure	bar	6	6	6
Voltage/ max. power consumption (*)	V/W	220/2500	220/2500	220/2500
Heating element power	W	1500+1000	1500+1000	1500+1000
Standard air flow rate	m³/h	300-500	300-500	300-500
Minimum volume of installation room (***)	m³	20	20	20
Sound pressure level at 2 m	dB(A)	39	39	39
Weight when empty	kg	90	95	110
Protection rating		IPX4	IPX4	IPX4
Insulation thickness	mm	50	50	50
Diameter of hydraulic connections	"	3/4M	3/4M	3/4M
Min. temperature of storage tank room	°C	1	1	1

(*) 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)

(***) minimum volume of installation room, for installation without canalizations

MODEL	NUOS 200	NUOS 250	NUOS 250 S YS
CODE	3210031	3210017	3210018