

Nemo

PATENT

NEW

HYDRONIC TECHNOLOGY FOR SILENCE

Nemo is the hydronic terminal only 12 cm thick, which contains within it the best of Ideal Clima hydronic technology, enriched with the innovative "TRIPOD" patent.

Its sleek design has no front intake grille and includes a manually adjustable air outlet flap



DESCRIPTION

Nemo is the 12-cm-thick hydronic terminal with high-efficiency exchange coil, tangential fan unit with DC Inverter motor, featuring high quietness. The stand-alone on-board digital control system has capacitive touch buttons and see-through display. Can be controlled from on-board, remote control or 0-10V wall-mounted thermostat. Nemo is Wi-Fi Ready and, with the addition of Wi-Fi+, is usable with dedicated app. Frame and shell are made of white powder-coated steel. Aluminum air outlet flap, with manually adjustable opening. It is complete with condensate collection pan for vertical and horizontal installation, removable fine weave filter. Left side connections 3/4 M.

code	product	
TNM02D	NEMO 250 - DC INVERTER WI-FI READY	
TNM04D	NEMO 400 - DC INVERTER WI-FI READY	
TNM06D	NEMO 600 - DC INVERTER WI-FI READY	
TNM08D	NEMO 800 - DC INVERTER WI-FI READY	
TNM10D	RADIANTORE NEMO 1'000 - DC INVERTER WI-FI READY	

NEW

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PRICES REFER TO NEMO EQUIPPED WITH ON-BOARD MOUNTED ELECTRONIC TOUCH CONTROL WITH LED ON TOP SURFACE.



Brushless modulating permanent magnet fans with inverters, for continuous use, energy-saving with low noise.



Tangential cross-flow fan with asymmetric blades, the quietest technology on the market.



Electric modulation automatically adjusts ventilation speed for precise heat control, ensuring optimal comfort and efficiency.

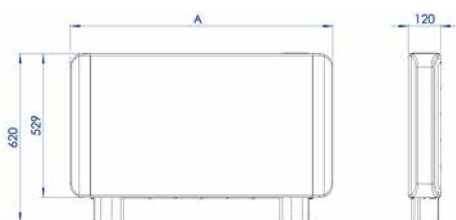


"RADIANTore" technology conveys heat or cooling with little or no air movement, resulting in unparalleled acoustic performance.



Seamlessly integrates with your smart home! The standard Wi-Fi control lets you use the Smart Life app, Google Home, or Alexa for effortless control.

DIMENSIONS



Model	[mm]
	A
Nemo 250	780
Nemo 400	970
Nemo 600	1'160
Nemo 800	1'350
Nemo 1000	1'350

NEMO HEATS UP, COOLS DOWN AND DEHUMIDIFIES

Nemo is the complete solution for summer and winter hydronic air conditioning.

With Nemo, full advantage is taken of modern reversible heat pumps or condensing boilers.

With 5 available sizes from 0.8 to 3.3 kW in cooling and 1.4 to 4.9 kW in heating, even the largest rooms can be catered for.

INVISIBLE AIR INTAKE

The innovative patented 'TRIPOD' internal profiles work as a team with the advanced tangential fan. Nemo draws in the air from below, without any need for unsightly front grilles, in the utmost silence and with the best possible efficiency coefficient.

The absence of turbulent airflow motions results in unparalleled quietness and energy efficiency.

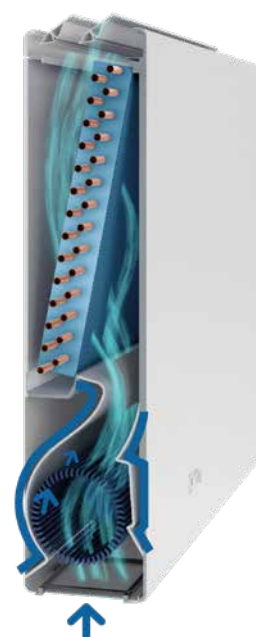
Wi-Fi + AND VOICE COMMANDS

Nemo is Wi-fi Ready, just add the Wi-fi+ stick to control it with major home automation apps



CAREFUL DESIGN IN EVERY DETAIL

Beautiful, elegant, slim and compact. Nemo's design is inspired by soft, pleasing, seamless lines. The tapered shape blends perfectly with the walls of the most demanding rooms and accentuates the reduced thickness.



DAY AND NIGHT SUPER-SILENCE

Nemo can deliver the ideal heat output with a noise level down to only 15 dB thanks to the automatic Super-Silence Radiantore mode.

SKILLFUL MODULATION WITH ADVANCED ALGORITHM



The electronic control with PID algorithm continuously modulates the thermal power needed, instant by instant, by the environment. The result is the satisfaction of always having the quietest possible operation, both in heating and cooling.

SUPER SILENCE RADIANTOR MODE



Near the temperature setpoint, Nemo reduces the sound emission to imperceptible levels, with very high acoustic comfort, similar to that of a radiator, both in summer and in winter.



ADJUSTABLE FLAPS



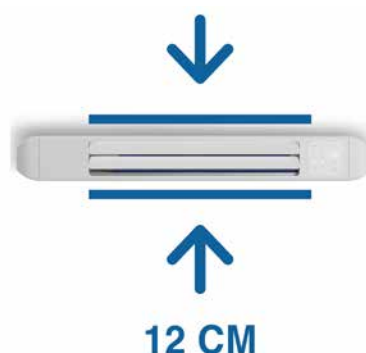
Nemo is embellished with extruded aluminum flaps painted the same color as the product body, and manually adjustable to achieve the best air outlet direction.

Even with flaps fully closed, Nemo can still operate at super-silence speed.

TECHNOLOGY AND EFFICIENCY IN VERY LITTLE SPACE

Nemo has a depth of only 12 cm, less than half the depth of conventional fan coils, which have an average thickness of about 25 cm.

This is due to a mechanics with innovative heat exchanger, tangential fan unit with asymmetric blades and the special conformation of air ducts (TRIPOD Patent).



CONVENIENT AND INTUITIVE TOUCHSCREEN DISPLAY

An on-board display is fitted as standard, and touch controls make temperature control quick and easy. Values are shown in transparency so as not to alter the beauty of Nemo's lines. You can choose the operation mode between heating, cooling, ventilation and dehumidification. In addition to temperature, you can choose one of as many as four manual speeds, including super-silence, or the comfort of automatic modulation.

The brightness of the display is adjustable, and it is also possible to set it to turn off automatically, so as to maintain comfort without being noticed. The display also allows configuration of the device's operating parameters, so it can be easily adapted to installation requirements.



TECHNICAL DATA.

Description	[UoM]	Nemo 250	Nemo 400	Nemo 600	Nemo 800	Nemo 1000
Heating power T=70-60°C (1)	W	2'260	3'840	5'370	6'950	7'920
Water flowrate (1)	l/min	3.24	5.51	7.71	10	11,33
Pressure drop (1)	kPa	3,00	6,75	4.5	7,2	9
Heating power T=50-45°C (2)	W	1'400	2'340	3'330	4'250	4'870
Water flowrate (2)	l/min	4.18	5,55	7.8	10,2	11,4
Pressure drop (2)	kPa	4,30	7.6	4,2	8	9,8
Heating power Model Radiantor (2)	W	450	750	1'090	1'300	1'620
Cooling power T=7-12°C (3)	W	815	1'700	2'515	2'922	3'360
Water flowrate (3)	l/min	2.34	5	7.22	8,29	9,8
Pressure drop (3)	kPa	2,30	7,3	5,2	6,62	8,8
Air flowrate	mc/h	160	330	460	590	700
Heating power Fan still(1)	W	340	390	460	590	700
Thickness	mm	120	120	120	120	120
Super silence mode noise (4)	dB (A)	16.6	15.2	16.2	18,3	21,4
Maximum speed noise (4)	dB (A)	30.5	36.6	37.0	40,4	42,1
Minimum speed noise (4)	dB (A)	18.4	21.1	21.3	23,5	27,0
Power supply degree of protection	-	220-240 V / 50 Hz ÷ IP23				
Electrical power max speed	W	10	16	17	35	60
Hydraulic connections	thread	3/4 " M	3/4 " M	3/4 " M	3/4 " M	3/4 " M
Connecting pipes. recommended size	Ø int. mm	12	14	16	18	20
Drainage pipe	Ø int. mm	16	16	16	16	16

TEST CONDITIONS

(1): HEATING: temp. Water = 70°C, Temp. dif =10°C; Temp. Air = 20°C-BS (UNI EN 1397) (2): HEATING: temp. Water = 50°C, flow rate = cool. Temp. Air = 20°C-BS (UNI EN 1397) (3): COOLING: temp. Water = 7°C, Temp. diff=5°C; Temp. Air = 27°C-BS/19°C-BU (UNI EN 1397) (4): NOISE: r=2 mt, Q=2, reverberation= 0.5s, v=45mc





WALL AND CEILING MOUNTABLE

Nemo can be fixed without modifications horizontally, or to the wall, with the solid brackets provided as standard.



ACCESSORIES

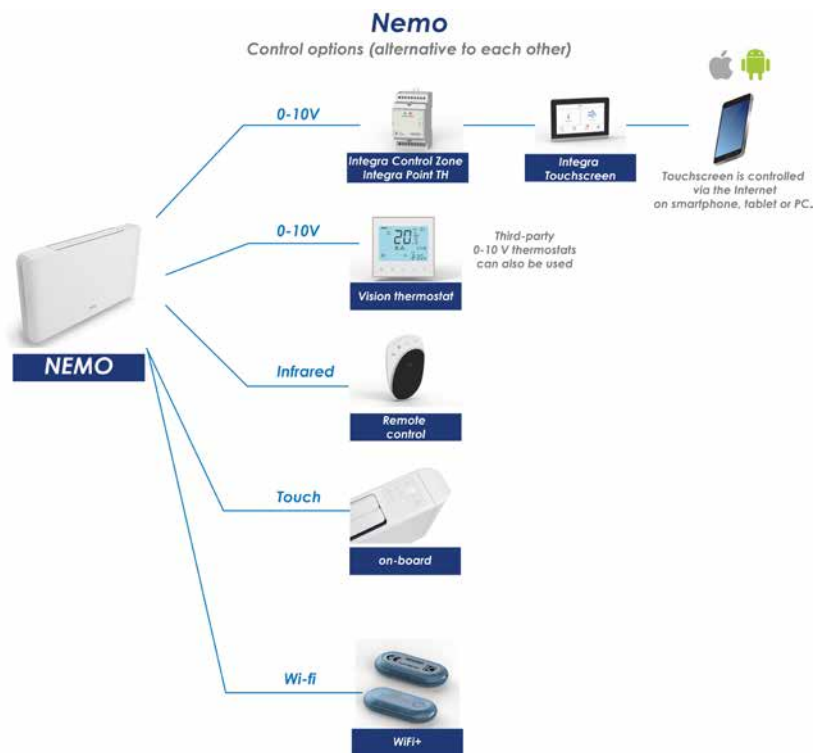
	code	description	
	TQCT05	INFRARED REMOTE CONTROL NEMO AND YOGA	
	TPDN01	NEMO FLOOR FOOT KIT (PAIR)	
	TGCL70	2-WAY MOTORIZED NEMO HYDRAULIC KIT	
	TGCL71	3-WAY MOTORIZED NEMO HYDRAULIC KIT	
	SLTS04	HD ELECTROTHERM. HEAD 230V for motorized hydraulic connection kit	
	TGCL86	CONNECTION KIT NEMO 250 - 400 - 600 RIGHT SIDE	
	TGCL74	VISION+ THERMOSTAT Wi-Fi CONTROL 0 / 10 V	
	TQCT07	WI-FI+ STICK	

FROM MAY

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CONTROL FLEXIBILITY



WATCH NEMO'S
VIDEO

