INTRODUCING INNOVA 2.0

MADE IN ITALY

Clima Design Technologies presents the Innova 2.0, a new approach to air conditioning without the need for an outdoor unit that dramatically improves the state of the art of "monobloc" technology.

Innova 2.0 is a compact heat-pump air conditioning system designed and manufactured in Italy that gets installed in the inside of your apartment/suite and only requires two 6-inch (162mm) vents to the outside. This eliminates the need of a bulky external condenser.

Innova 2.0 requires no outdoor unit, saving you money on installation costs and keeping the aesthetic appearance of your building.

WHO CAN BENEFIT?

We have a solution for your property whether you are in a commercial or residential building, in a highrise apartment with no balcony, in a condo, townhouse, located within a listed building or not been granted planning permission due to noise or complaints.

- >> Controllable comfort
- >> Reduction in humidity
- >> Banish nuisance insects
- >> Eliminate external noise pollution
- >> Improved security at home
- >> Improved air quality
- >> Reduction of energy bills

INNOVA 2.0 is a certified technical innovation with a reduced environmental impact.

innova renewing energies

DISTRIBUTION FOR CANADA & USA

TECHNICAL FEATURES ..2.0

		HORIZONTAL / ORIZZONTALE				VERTICAL / VERTICALE	
		INVERTER		INVERTER + ELEC	H2O	INVERTER	
		10 HP	12 HP	12 HP	12 HP	10 HP	12 HP
Cooling capacity / Potenza in raffreddamento (1)	kW	2,04	2,35	2,35	2,65 (6)	2,04	2,35
Dual Power Maximum Cooling Capacity - Dual Power / Potenza in raffreddamento massima	kW	2,64	3,10	3,10	3,60	2,60	3,11
Minimum cooling capacity / Potenza in raffreddamento minima	kW	0,83	0,92	0,92	1,30	0,81	0,92
Heating capacity / Potenza in riscaldamento (2)	kW	2,10	2,36	2,36	3,17 (7)	2,10	2,36
Heating capacity -7 °C / Potenza in riscaldamento -7 °C	kW	0,98	1,11	1,11	-	0,98	1,11
Power of electrical heater / Potenza aggiuntiva resistenza elettrica	kW	-	-	1,00	-	-	-
Dual Power Maximum Heating Capacity - Dual Power / Potenza in riscaldamento massima	kW	2,64	3,05	3,05	3,84	2,64	3,05
Minimum heating capacity / Potenza in riscaldamento minima	kW	0,71	0,79	0,79	1,38	0,68	0,79
Power input in cooling / Potenza assorbita in raffreddamento (1)	W	630	730	730	680 (6)	750	855
Power input in heating / Potenza assorbita in riscaldamento (2)	W	638	720	720	772 (7)	675	750
Dehumidification capacity / Capacità di deumidificazione	L/h	0,8	0,9	0,9	1,1	0,8	0,9
Power supply / Tensione di alimentazione	V-F-Hz	115/230-1-60	115/230-1-60	230-1-60	115/230-1-60	115/230-1-60	115/230-1-60
EER	W/W	3,24	3,22	3,22	3,89	2,72	2,75
COP	W/W	3,29	3,28	3,28	4,10	3,10	3,15
Energy efficiency in cooling (3) Classe di efficienza energetica in raffreddamento (3)		A+	A+	A+	A++	A	A
Energy efficiency in heating (3) Classe di efficienza energetica in riscaldamento (3)		A	A	A	A++	A	A
Fan speeds in/out / Velocità di ventilazione interna/esterna	Nr.	3	3	3	3	3	3
Air flow max in/out / Portata aria vel. max interna/esterna	m³/h	380/460	400/480	400/480	400 (8)	380/460	400/480
Air flow middle in/out / Portata aria vel. media interna/esterna	m³/h	310/380	320/390	320/390	320 (8)	310/380	320/390
Air flow min. in/out / Portata aria vel. min. interna/esterna	m³/h	260/330	270/340	270/340	270 (8)	260/330	270/340
Dimensions (WxHxD) / Dimensioni (LxAxP)	mm	L 1010 A 549 P 165	L 1010 A 549 P 165	L 1010 A 549 P 165	L 1010 A 549 P 165	L 500 A 1398 P 185	L 500 A 1398 P 185
Weight / Peso	kg	48,5	48,5	48,5	49,5	53,0	53,0
Noise level min. / Livello sonoro min. (4)	dB (A)	26	27	27	27	26	27
Noise level max. / Livello sonoro max. (4)	dB (A)	39	41	41	41	39	41
Diameter of wall holes / Diametro fori parete	mm	162	162	162	-	162	162
Interaxis distance of wall holes / Interasse fori a parete	mm	293	293	293	-	293	293
Refrigerant gas / Gas refrigerante		R410A	R410A	R410A	R410A	R410A	R410A
OPTION WITH MATCHING FCU							
FCU heating capacity (70 °C) / Potenza in riscaldamento FCU (70 °C)	kW	1,9	1,9	-	-	-	-
Water flow rate / Portata acqua (70 °C)	L/h	364	364	-	-	-	-
Water pressure loss / Perdita di carico acqua (70 °C)	KPa	10	10	-	-	-	-
Hydraulic connections / Attacchi idraulici /	"	3/4 EK	3/4 EK	-	-	-	-
Dimensions with FCU(WxHxD) / Dimensioni con FCU(LxAxP)	mm	L 1010 A 549 P 308	L 1010 A 549 P 308	-	-	-	-

Max work conditions / Limiti di funzionamento		Testing criteria / Condizioni di prova	Temp. ambiente in	Temp. esterno out
Min. Temp. in cooling (in/out, DB) / Temp. min. in raffreddamento	18 °C / -5 °C	Verifiche in raffreddamento Cooling (1)	DB 27°C - WB 19 °C	DB 35°C - WB 24 °C
Max Temp. in cooling (in/out, DB) / Temp. max in raffreddamento	32 °C / 43 °C	Verifiche in riscaldamento Heating (2)	DB 20°C - WB 15 °C	DB 7°C - WB 6 °C
Min. Temp. in heating (in/out, DB) / Temp. min. in riscaldamento	5 °C / -10 °C	Verifiche in riscaldamento Heating (3)	DB 20°C - WB 15 °C	DB -7°C - WB -8 °C
Max Temp. in heating (in/out, DB) / Temp. max in riscaldamento	25 °C/18 °C			

(1) (2) Standard reference EN 14511 / Condizioni di Prova riferite alla norma EN 14511
(3) Energy Efficiency according to Directive 626/2011 / Classificazione energetica in base alla direttiva 626/2011
(4) Indoor sound pressure measured in semi anecoic room at 2 m / Pressione sonora lato interno misurata in camera semi anecoica a 2 m
(5) Indoor sound power according to standard EN12102 / Potenza sonora lato interno misurata secondo la norma EN12102
N.B.: for the appliances dimensions in heat pump operation, consider the performance at winter outdoor temperature of the design of the reference location.

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Innovation in Cooling & Heating

INNOVA 2.0
AIR CONDITIONER/HEAT PUMP
WITHOUT EXTERNAL UNIT

Innova 2.0 monobloc

Almost invisible outdoor and indoor
No vibrations means less noise
Innova 2.0 with only 27 dB noise level is quiet as a whisper!
"A+" energy efficiency class
Free app by Innova (for iOS, Android, Windows)