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HIDDEN **CO**

WATER-COOLED
CONDITIONERS

HIDDEN CO



HIDDEN CO

HIDDEN CO

HIDDEN CO

HIDDEN CO

HIDDEN CO



It's there, but you can't see it

What are we talking about? Quite simply, the air conditioning and heating system that, thanks to **HiddenCo**, is installed in numerous houses, apartments, offices and shops, in which due to their particular location it was impossible to use the classic air conditioner with the external unit. With **HiddenCo** it is possible to have an air conditioning system without an external unit, with countless advantages; first and foremost performance, which remains constant all year round and is immune to the falls in output seen with traditional systems, caused by summer heat peaks or harsh winter frost. Furthermore, these products do not require any significant internal building works, and they have no negative impact on the beautiful facades of buildings in historical centres, or on entire suburban buildings now clogged with air conditioners and satellite dishes, it avoids condominium disputes. **HiddenCo** offers A++ high-energy-efficiency solutions which can be connected directly to a load/unload from aqueduct or well. It can also be combined with more efficient external-source systems, such as geothermal systems, air exchangers, solar panels or loop systems with evaporation towers, combining efficiency and aesthetics. **HiddenCo** provides systems that offer significant savings in both energy and economic terms, choosing a direct manufacturer-consumer approach.

It's there, and you can see it

It's there and it can finally be seen, one might say. For more than 20 years - since 1996, to be precise - we have been leaders in this sector, but due to a specific commercial choice we had made our know-how available in the production of water-cooled units for third parties, becoming the company that enjoys the greatest trust in the field. We have created products for major and minor brands; we are appreciated for our reliability, for our components and for our processes, with every single machine run, verified and tested before commercialisation. Since 2017 we have entered the field with our own brand **HiddenCo**, with the purpose of providing a "manufacturer to consumer" proposal, with the aim of maintaining our elevated standards at practical and economical prices. Our aim is to form a direct relationship with installers and end users, allowing them to communicate directly with the company that built or tested their machinery, in true made-in-Italy style. **HiddenCo** products are covered by a full warranty in line with legal requirements. This sector is still considered a "niche market", and is subject to price increases that have little to do with competitiveness, but now, we are also on the scene.



*"A new destination
for a journey that
began more than
twenty years ago"*



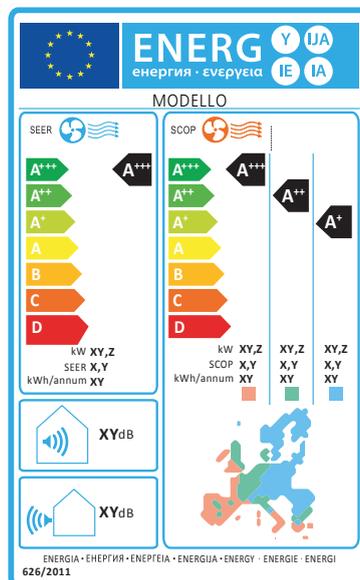
Symbols	Description	Wall mounted	Cassette	Ducted	Console
	Catalytic filter to eliminate formaldehyde and airborne bacteria (VOCs), odours and gas				
	Self-diagnosis function and error indication				
	Room dehumidification mode that maintains air temperature				
	Up to 12 air output speeds for the internal unit for increased comfort and lowest noise levels				
	Evaporator in the internal unit studied specifically to increase thermal exchange and improve performance				
	Easy-to-clean internal unit panel				
	Function to automatically adjust temperature by 1°C during night-time operation for increased well-being and energy efficiency				
	Panel studied specifically for 360° air distribution				
	Intelligent air distribution start speed to avoid any discomfort				

ErP DIRECTIVE

The new energy label format

Energy efficiency classes from A+++ to D SEER in cooling mode

A+++	> 8,5
A++	> 6,1
A+	> 5,6
A	> 5,1
B	> 4,6
C	> 4,1
D	> 3,6



Energy efficiency classes from A+++ to D SCOP in heating mode

A+++	> 5,1
A++	> 4,6
A+	> 4,0
A	> 3,4
B	> 3,1
C	> 2,8
D	> 2,5



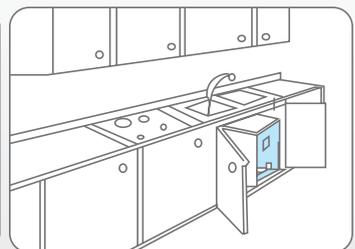
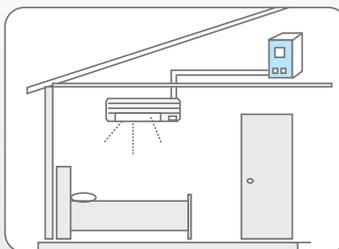
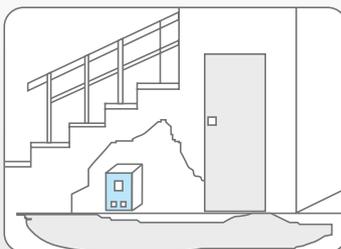
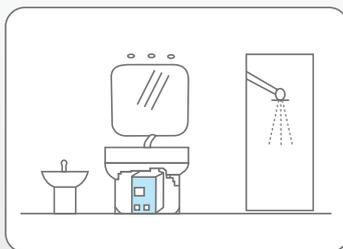
A new range of fully updated reversible DC-Inverter air conditioning systems, characterised by a linear, harmonious and modern style that responds to all application requirements. The range guarantees maximum personal comfort in line with new legislation regarding energy efficiency and respect for the environment.



Wi-Fi control via smartphone compatible with all HIDDEN-CO units



Installation examples:



Mono Split - RESIDENTIAL LINE

HIDDEN CO



> CONDENSING Unit

The wall-mounted Mono Split efficiently cools, heats, dehumidifies and manages air distribution. Its modern lines, concealed LED display and compact dimensions mean it is perfect for any setting. The condensing unit is equipped with a high-efficiency and low noise DC-Inverter compressor. The wireless "Follow Me" controller is equipped with an application that serves as a thermostat, using a dedicated sensor.

With "WATER SAVING DEVICE" installed.

WALL-MOUNTED MONO SPLIT - HEAT PUMP/COOLING ONLY			MONO 25	MONO 35	MONO 50	MONO 70
R32						
WALL-MOUNTED SPLIT UNIT model			ISZ-25UI-R32	ISZ-35UI-R32	ISZ-50UI-R32	ISZ-70UI-R32
Power supply		Ph-V-Hz	220-240V-50Hz 1Ph	220-240V-50Hz 1Ph	220-240V-50Hz 1Ph	220-240V-50 Hz 1Ph
Nominal cooling	Capacity	KW/h	2.64 (0.9 - 3.4)	3.52 (1.1 - 4.16)	5.28 (0.34 - 5.83)	7.03 (2.0 - 7.9)
Power absorption Cooling		KW/h	0.73 (0.10 - 1.24)	1.07 (0.13 - 1.58)	1.49 (0.56 - 2.05)	2.14 (0.42 - 3.15)
Absorbed current Cooling		A	3.18 (0.4 - 5.4)	4.67 (0.4 - 5.4)	6.5 (1.4 - 8.9)	9.3 (1.8 - 13.8)
Nominal heating	Capacity	KW/h	2.93 (0.82 - 3.37)	3.75 (1.08 - 4.22)	5.57 (1.10 - 5.85)	7.33 (1.61 - 1.91)
Power absorption Heating		KW/h	0.74 (0.12 - 1.2)	1.0 (0.10 - 1.68)	1.45 (0.78 - 2.00)	1.96 (0.30 - 2.75)
Absorbed current Heating		A	3.25 (0.5 - 5.2)	4.39 (0.4 - 7.3)	6.8 (1.4 - 8.7)	8.5 (1.3 - 12.2)
	SEER	W/W	6.3	6.1	7.4	6.1
Seasonal cooling		KW	2.6	3.5	5.3	7
	Energy class		A++	A++	A++	A++
	Declared cooling capacity	W/W	4.0	4.0	4.2	4.0
Heating (average)	SCOP	KW	2.6	2.7	4.1	4.8
	Energy class		A+	A+	A+	A+
Compressor			ROTARY	ROTARY	ROTARY	ROTARY
	Internal unit air flow rate	m3/h	520/460/360	600/500/360	840/680/540	950/817/662
Internal unit sound pressure	(Hi/Mi/Lo)	dB(A)	40/30/26/21	40/34/26/22	44/37/30/25	44/42/34/28
Internal unit	Net dimensions (LxWxH)	mm	815x194x285	815x194x285	957x213x302	1040x220x327
	Pack dimensions (LxWxH)	mm	870x270x360	870x270x360	1035x295x380	1120x310x405
	Net/gross weight	kg.	7.5/9.7	7.5/9.7	10/13	12.3/15.8
WATER-COOLED CONDENSING UNIT model			1AC025PCE	1AC035PCE	1AC050PCE	1AC070PCE
Type			R32	R32	R32	R32
Preload/Increase R32		m- g/m	5/15	5/15	5/15	5/15
GWP			675	675	675	675
Liquid/Gas line		inch	1/4" - 3/8"	1/4" - 3/8"	1/4" -1/2"	3/8" -5/8"
Refrigerant tube	Max. tube length	m.	25	25	30	40
	Max. tube elevation	m.	10	10	20	25
Plumbing connectors		pollici	3/8"	3/8"	1/2"	1/2"
Water consumption	Cooling (Min.-Max.)*	m3/h	0.03/0.090	0.05/0.125	0.06/0.180	0.085/0.250
	Heating (Min.-Max.)**	m3/h	0.05/0.150	0.07/0.210	0.10/0.300	0.130/0.421
Minimum water intake pressure	(with unit running)	BAR	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2
Maximum water temperature when cooling		-c	32°	32°	32°	32°
Minimum water temperature when heating		-c	9°- 10°	9°- 10°	9°- 10°	9°- 10°
Condensing unit sound pressure	(Min.-Max.)	dB(A)	46/51	47/52	48/53	49/54
Condensing unit	Net dimensions (LxWxH)	mm	520x297x560	520x297x560	520x297x560	520x320x697
	Pack dimensions	mm	900x345x585	900x345x585	920x390x615	965x395x755
	Net/gross weight	kg.	35.0/38.0	35.1/38.0	40.5/42.5	42.5/44.5

*= with inlet T° 20°C

**= with inlet T° 12°C

> CONDENSING Unit

Next-generation Multi-split external units ideal for residential and commercial applications, for ideal comfort, minimum consumption and maximum energy efficiency. An external unit with 2, 3, 4 or 5 connectors for an equal number of internal units, including of varying type, guarantees versatility in use for any residential or commercial application.

With "WATER SAVING DEVICE" installed.



MULTI - HEAT PUMP/COOLING ONLY			DUAL	DUAL	TRIAL	TRIAL	TRIAL	QUADRI	QUADRI	PENTA
HEAT PUMP model			2AC040PCE	2AC050PCE	3AC050PCE	3AC062PCE	3AC078PCE	4AC082PCE	4AC0105PCE	5AC0125PCE
R32										
COOLING ONLY model			2AC040SFE	2AC050SFE	3AC050SFE	3AC062SFE	3AC078SFE	4AC082SFE	4AC0105SFE	5AC0125SFE
Power supply		Ph-V Hz	220-240V 50Hz	220-240V 50Hz	220-240V 50Hz	220-240V 50Hz	220-240V 50Hz	220-240V 50Hz	220-240V 50Hz	220-240V 50Hz
Nominal cooling	Capacity	KW/h	4.1	5.3	5.28	6.3	7.9	8.2	10.5	12.3
Power absorption Cooling	(average)	KW/h	1.24	1.63	1.45	1.9	2.45	2.5	3.27	3.82
Absorbed current Cooling		A	5.4	7.10	6.4	8.4	10.6	10.9	14.1	16.5
	SEER	W/W	3.23	3.24	3.64	3.24	3.23	3.29	3.23	3.24
Nominal heating	Capacity	KW/h	4.40	5.57	5.28	6.70	8.20	8.90	11.10	12.30
Power absorption Heating		KW/h	1.16	1.5	1.38	1.77	2.20	2.37	3.00	3.30
Absorbed current Heating		A	5.0	6.3	6.2	7.8	9.5	10.4	13.0	14.3
	COP	W/W	3.79	3.71	3.82	3.73	3.73	3.72	3.71	3.73
Gas increase	R32 = 12 gr.	m	(>15)	(>15)	(>15)	(>22.5)	(>22.5)	(>30)	(>30)	(>37.5)
	SEER	W/W	6.8	6.1	6.8	6.5	6.1	7.0	6.5	6.8
Seasonal cooling	Energy class		A++	A++	A++	A++	A++	A++	A++	A++
Length of single preload internal unit		m	7.5+7.5	7.5+7.5	7.5 (x3)	7.5 (x3)	7.5 (x3)	7.5 (x4)	7.5 (x4)	7.5 (x5)
Heating (average)	SCOP	W/W	4	4	4.1	4	4	4	3.6	3.8
	Energy class		A+	A+	A+	A+	A+	A+	A+	A+
Compressor			ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
	Type		R32	R32	R32	R32	R32	R32	R32	R32
Refrigerant connections	Liquid/Gas line	inch	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	4x1/4" - 3x3/8" - 1x1/2"	4x1/4" - 3x3/8" - 1x1/2"	5x1/4" - 4x3/8" - 1x1/2"
	Max. Total Length	m	40	40	60	60	60	80	80	80
	Max. elevation for Internal Unit	m	25	25	25	25	30	35	35	35
Maximum elevation	Cond. unit higher than Int. Unit	m	10	10	15	10	10	10	10	10
	Cond. unit lower than Int. Unit	m	15	15	15	15	15	15	15	15
Plumbing connectors		pollici	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Water consumption	Cooling (Min.-Max.)*	m3/h	0.050/0.143	0.06/0.179	0.060/0.179	0.075/0.215	0.085/0.250	0.094/0.286	0.120/0.358	0.145/0.430
	Heating (Min.-Max.)**	m3/h	0.080/0.267	0.100/0.334	0.100/0.334	0.100/0.474	0.100/0.521	0.100/0.548	0.100/0.702	0.100/0.836
Minimum water intake pressure	(with unit running)	BAR	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2
Maximum water temperature when cooling		°C	32°	32°	32°	32°	32°	32°	32°	32°
Minimum water temperature when heating		°C	9° - 10°	9° - 10°	9° - 10°	9° - 10°	9° - 10°	9° - 10°	9° - 10°	9° - 10°
Condensing unit sound pressure (Min.-Max)		dB(A)	46/49	48/52	48/52	48/52	48/53	49/54	50/56	52/58
Condensing unit	Net dimensions (LxWxH)	mm	520x297x560	520x297x560	520x297x560	520x320x697	520x320x697	600x380x797	600x380x797	600x380x797
	Pack dimensions (LxWxH)	mm	800x333x554	920x390x615	950x370x615	845x363x702	965x395x755	1090x500x865	1090x500x865	1090x500x865
	Net/gross weight	kg.	39/41	41.5/43.0	36/39	44.5/47	52.0/55.0	64.2/66.5	68.0/70.0	74.0/76.5

Multi Split - RESIDENTIAL LINE

HIDDEN CO



> INTERNAL units



INTERNAL UNITS FOR MULTI-SPLIT

A new range of fully updated reversible DC-Inverter air conditioning systems, characterised by a linear, harmonious and modern style that responds to all application requirements. The range guarantees maximum personal comfort in line with new legislation regarding energy efficiency and respect for the environment. Equipped with a wireless controller with "Follow Me" application that serves as a thermostat, using a dedicated sensor that allows the desired temperature to be obtained wherever the controller is positioned.



Modello PARETE			ISZZ-20UI-R32	ISZZ-25UI-R32	ISZZ-35UI-R32	ISZZ-50UI-R32
Power supply		Ph-V-Hz	220-240V-50Hz 1Ph	220-240V-50Hz 1Ph	220-240V-50Hz 1Ph	220-240V-50Hz 1Ph
Nominal cooling	Capacity	KW/h	2.00	2.64	3.51	5.27
Power absorption Cooling		W/h	20	20	20	34
Absorbed current Cooling		A	0.09	0.11	0.11	0.15
Nominal heating	Capacity	KW/h	2.83	2.9	3.81	5.56
Power absorption Heating		W/h	20	20	20	34
Absorbed current Heating		A	0.09	0.09	0.09	0.15
Internal unit air flow rate	(H/M/L)	m3/h	520/460/360	520/460/360	600/500/360	840/680/540
Internal unit sound pressure		dB(A)	40/34/26/21	40/30/26/21	40/34/26/22	44/37/30/25
Internal unit	Net dimensions (LxWxH)	mm	805x194x285	815x194x285	815x194x285	967x213x302
	Pack dimensions (LxWxH)	mm	870x270x360	870x270x360	870x270x360	1035x295x380
	Net/gross weight	kg.	7.5/9.8	7.5/9.7	7.5/9.7	10/13
Refrigerant connections	Liquid/Gas line	inch	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"
Operating limits	Cooling	°C	10 - 30	17 - 32	17 - 32	17 - 32
	Heating	°C	/	0 - 30	0 - 30	0 - 30



MULTI-SPLIT RECESSED UNIT

Recessed internal unit for shallow false ceilings (only 260 mm).

It is ideal for both residential and commercial applications, with a compact design that integrates into any setting and extremely uniform air distribution. Optional wired controller model KJL-12/B.



CASSETTE model			IQZI-25UIR32	IQZI-35UIR32	IQZI-50UIR32
Power supply		Ph-V-Hz	220-240V-50Hz 1Ph	220-240V-50Hz 1Ph	220-240V-50Hz 1Ph
Nominal cooling	Capacity	KW/h	2.64	3.52	5.28
Power absorption Cooling		W/h	40	40	102
Absorbed current Cooling		A	0.18	0.18	0.44
Nominal heating	Capacity	KW/h	2.93	4.10	5.57
Power absorption Heating		W/h	40	40	102
Absorbed current Heating		A	0.18	0.18	0.44
Internal unit air flow rate	(H/M/L)	m3/h	580/500/450	617/504/415	680/560/500
Internal unit sound pressure		dB(A)	38/33/29	41/37/34	44/42/41
Internal unit	Net dimensions (LxWxH)	mm	570x570x260	570x570x260	570x570x260
	Pack dimensions (LxWxH)	mm	662x662x317	662x662x317	662x662x317
	Panel dimensions (LxWxH)	mm	647x647x50	647x647x50	647x647x50
	Net/gross weight	kg.	14.5 / 17.3	16 / 21	16 / 21
Refrigerant connections	Liquid/Gas line	inch	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"
Operating limits	Cooling	°C	17 - 32	17 - 32	17 - 32
	Heating	°C	0 - 30	0 - 30	0 - 30



> INTERNAL units

DUCTED MULTI-SPLIT

DUCTED internal unit suitable for recessing for optimal noise reduction and perfect integration into its surroundings.

Optimal air distribution for personal comfort.

With wired controller model KJR-12/B.



DUCTED model			ITZI-25UIR32	ITZI-35UIR32	ITZI-50UIR32
Power supply		Ph-V-Hz	220-240V-50Hz 1Ph	220-240V-50Hz 1Ph	220-240V-50Hz 1Ph
Nominal cooling	Capacity	KW/h	2.64	3.52	5.28
Power absorption Cooling		W/h	180	185	200
Absorbed current Cooling		A	1.1	1.1	1.3
Nominal heating	Capacity	KW/h	2.93	3.81	5.57
Power absorption Heating		W/h	180	185	200
Absorbed current Heating		A	1.1	1.1	1.3
Internal unit air flow rate	(H/M/L)	m3/h	500/340/230	600/480/300	880/650/350
Internal unit sound pressure		dB(A)	40/34/27	40/34/27	41.5/38/33
Internal unit	Net dimensions (LxWxH)	mm	700x506x200	700x506x200	880x674x210
	Pack dimensions (LxWxH)	mm	860x540x275	860x540x275	1070x725x270
	Net/gross weight	kg.	18 / 22	18 / 22	24 / 29
Refrigerant connections	Liquid/Gas line	inch	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"
Operating limits	Cooling	°C	17 - 32	17 - 32	17 - 32
	Heating	°C	0 - 30	0 - 30	0 - 30

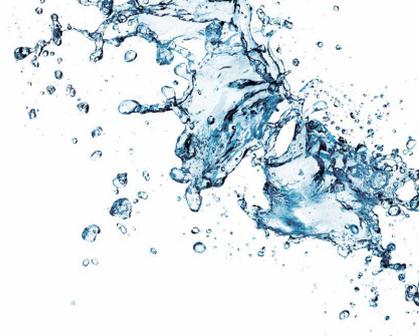


CONSOLE/FLOOR-MOUNTED — CEILING-MOUNTED MULTI-SPLIT

FLOOR-MOUNTED CONSOLE internal unit which, with special cool or warm air distribution from both above and below, renders it ideal for the delicate layering of temperature in the room, offering the utmost comfort and energy efficiency.



CONSOLE/FLOOR-MOUNTED model			IFZI-35UIR32	IFZI-48-R32	IUZI-48UIR32
			CONSOLE	CONSOLE	FLOOR/CEILING
Power supply		Ph-V-Hz	220-240V-50Hz 1Ph	220-240V-50Hz 1Ph	220-240V-50Hz 1Ph
Nominal cooling	Capacity	KW/h	3.52	4.8	4.8
Power absorption Cooling		W/h	40	42	42
Absorbed current Cooling		A	0.17	0.18	0.18
Nominal heating	Capacity	KW/h	3.81	4.98	4.98
Power absorption Heating		W/h	48	50	50
Absorbed current Heating		A	0.17	0.22	0.18
Internal unit air flow rate	(H/M/L)	m3/h	620/520/420	670/620/510	670/620/510
Internal unit sound pressure		dB(A)	41/38/33	60	45/39/36
Internal unit	Net dimensions (LxWxH)	mm	793x200x621	793x200x621	1068x225x675
	Pack dimensions (LxWxH)	mm	/	/	/
	Net/gross weight	kg.	15 / 19	/	25 / 30
Refrigerant connections	Liquid/Gas line	inch	1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"
Operating limits	Cooling	°C	17 - 32	17 - 32	17 - 32
	Heating	°C	0 - 30	0 - 30	0 - 30



> COMBINATIONS

Model - 2ACO40/50PCE DUAL HEAT PUMP

Model - 2ACO40/50SFE DUAL COOLING ONLY



ONE UNIT	TWO UNITS
25	25+25
35	25+35
50	25+50
	35+35

Model - 3ACO62/78PCE TRIAL HEAT PUMP

Model - 3ACO62/78SFE TRIAL COOLING ONLY



ONE UNIT	TWO UNITS	THREE UNITS
25	25+25	25+25+25
35	25+35	25+25+35
50	25+50	25+25+50
	35+35	25+35+35
	35+50	25+35+50
	50+50	35+35+35

Model - 4ACO82/105PCE QUADRI HEAT PUMP

Model - 4ACO82/105SFE QUADRI COOLING ONLY



ONE UNIT	TWO UNITS	THREE UNITS	FOUR UNITS
25	25+25	25+25+25	25+25+25+25
35	25+35	25+25+35	25+25+25+35
50	25+50	25+25+50	25+25+25+50
	35+35	25+35+35	25+25+35+35
	35+50	25+35+50	25+25+35+50
	50+50	25+50+50	25+35+35+35
		35+35+50	25+25+35+50
		35+50+50	35+35+35+35
			35+35+35+50

Model - 5ACO125PCE PENTA HEAT PUMP

Model - 5ACO125SFE PENTA COOLING ONLY



ONE UNIT	TWO UNITS	THREE UNITS	FOUR UNITS	FIVE UNITS
25	25+25	25+25+25	25+25+25+25	25+25+25+25+25
35	25+35	25+25+35	25+25+25+35	25+25+25+25+35
50	25+50	25+25+50	25+25+25+50	25+25+25+35+35
	35+35	25+35+50	25+25+35+35	25+25+35+35+35
	35+50	25+35+50	25+25+35+50	25+35+35+35+35
	50+50	25+50+50	25+35+35+35	35+35+35+35+35
		35+35+35	25+35+35+50	25+25+25+25+50
		35+35+50	35+35+35+35	
		35+50+50	35+35+35+50	
		50+50+50		

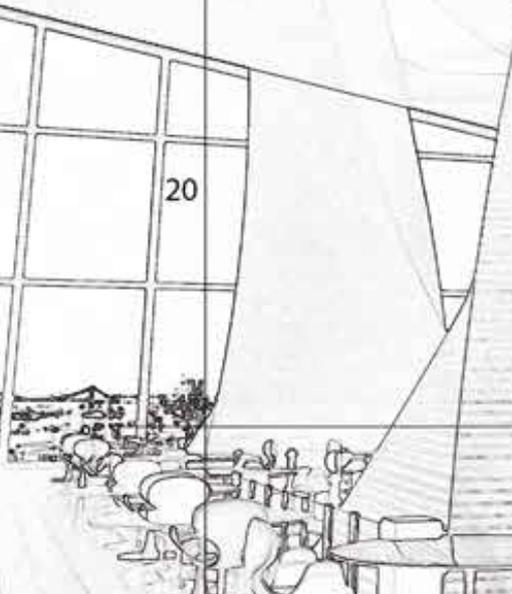
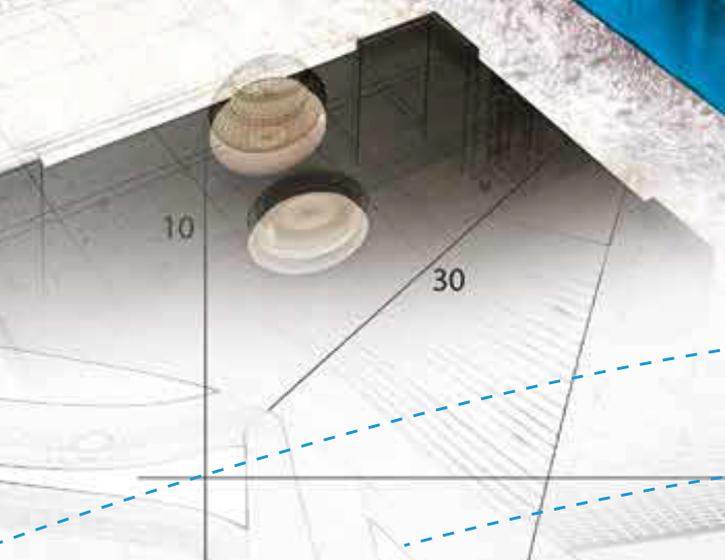
N.B.: For effective performance in multisplit configuration, please contact our technical department.

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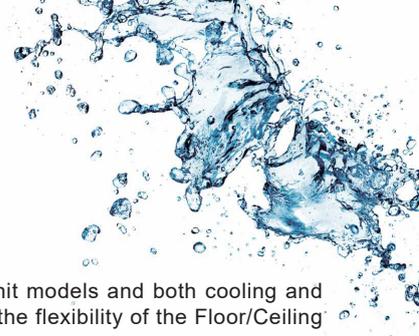


commerciale
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The extensive range of machines in the Commercial line satisfies all installation requirements, in terms of internal unit models and both cooling and heating capacity. The Recessed internal unit, with its shallow depth (260 mm), the silent operation of the Ducted unit, the flexibility of the Floor/Ceiling model and the particular air distribution offered by the Console unit guarantee efficiency for the end user.

Model "IQZI-ICZ" CASSETTE



Cassette internal unit suitable for shallow false ceilings (260 mm). Ideal for residential or commercial applications thanks to its compact design.

Model "ITZI-ITZ" DUCTED



Ductable internal unit suitable for recessing for optimal noise reduction and perfect integration into its surroundings. Optimal air distribution.

Model "IUZI-IUZ" FLOOR/CEILING



Reversible Floor/Ceiling internal unit with performance in line with ErP regulations and with power to suit all application requirements while respecting energy efficiency.

Model "IFZI" CONSOLE



The internal console unit stands out for its particular distribution of cool or warm air from both above and below.

CONDENSING UNITS

With "WATER SAVING DEVICE" installed.



> WITH HEAT PUMP or COOLING ONLY

DC Inverter - 360° air distribution

With "WATER SAVING DEVICE" installed.



MONO SYSTEM CASSETTE			IQZI-35	IQZI-53	ICZ-70	ICZ-88	ICZ-105	ICZ-140
HEAT PUMP CONDENSER model			ACOM35 PCE	ACOM53 PCE	ACOM70 PCE	ACOM88 PCE	ACOM105 (M/T)PCE	ACOM140 TPCE
GAS R32								
COOLING ONLY CONDENSER model			ACOM35 SFE	ACOM53 SFE	ACOM70 SFE	ACOM88 SFE	ACOM105 (M/T)SFE	ACOM140 TSFE
Cooling Power	Performance	kW	3.52 (0.8-4.1)	5.28 (0.8-5.6)	7.0 (1.3-7.9)	8.8 (2.2-9.8)	10.5 (2.7-11.4)	14.0 (3.5-15.8)
	Absorbed	W	1.01 (168-1434)	1633 (720-2088)	2143 (890-3000)	3270 (890-4150)	3270 (890-4150)	4650 (800-5900)
	Current	A	4.4 (1.3-6.3)	7.1 (3.2-9.2)	9.3 (4.2-12.0)	11.8 (2.0-13.0)	14.2 (3.5-11.4)	9.2 (2.3-10.7)
Heating Power	Performance	kW	3.8 (0.47-4.3)	5.5 (2.3-6.1)	7.6 (2.8-8.9)	9.3 (2.7-9.7)	11.1 (2.8-12.3)	16.1 (4.1-17.3)
	Absorption	W	1019 (124-1376)	1500 (700-1930)	1900 (610-2700)	2450 (430-2550)	3000 (800-3950)	4580 (900-5500)
	Current	A	4.4 (1.0-6.1)	6.5 (3.1-8.5)	8.3 (3.6-12.1)	10.6 (3.0-11.5)	13/5 (3.5-17.5)(380)	8.0 (1.9-9.5)
Power supply	Internal unit	V- Ph-Hz				220~240-1-50"		
Power supply	External unit	V- Ph-Hz				220~240-1-50"		
Seasonal cooling	SEER	WW	6.6	6.3	6.2	6.6	6.7	6.1
	Energy class		A++	A++	A++	A++	A++	A++
Heating (average)	SCOP	WW	4.1	4.0	4.0	4.2	4.0	4.0
	Energy class		A+	A+	A+	A+	A+	A+
Internal unit air flow rate		m3/h	620/510/420	720/620/500	1378/1200/1032	1775/1620/1438	1775/1620/1438	1715/1568/1381
Sound pressure	Internal unit	dB(A)	41/36/33/25	43/39/35/29	45/42/39/27	49/47/44/39	50/47/44/39	51/48/46/37
	Dimensions (LxWxH)	mm	570x570x260	570x570x260	830x830x205	830x830x205	830x830x205	830x830x205
	Pack dimensions (LxWxH)	mm	662x662x317	662x662x317	910x910x250	910x910x290	910x910x290	910x910x330
	Panel dimensions (LxWxH)	mm	647x647x50	647x647x50	950x950x55	950x950x55	950x950x55	950x950x55
Internal unit	Panel dimensions (LxWxH)	mm	715x715x123	715x715x123	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
	Net/gross weight	kg	16/21	16/20.6	21/25	24/28	27.5/31	29/33
	Net/gross weight	kg	2.5/4.5	2.5/4.5	6/9	6/9	6/9	6/9
Condensing unit	Dimensions (LxWxH)	mm	520x297x560	520x297x560	520x320x697	600x380x797	600x380x797	600x380x1330
	Pack dimensions (LxWxH)	mm	887x337x610	887x337x615	965x395x755	1090x500x865	1090x500x865	1095x500x1470
	Net/gross weight	kg	26/29	32/35	43/46	52/57	80/85	103/118
Condensing unit sound pressure (Min.-Max)		dB(A)	46-54	47-56	48-54	49-55	50-56	52-58
Water consumption	Cooling (Min.-Max.)*	m3/h	0.05/0.125	0.065/0.189	0.085/0.250	0.105/0.315	0.130/0.376	0.145/0.430
	Heating (Min.-Max.)**	m3/h	0.065/0.210	0.105/0.319	0.130/0.421	0.170/0.529	0.210/0.632	0.230/0.722
Refrigerant	GWP		675	675	675	675	675	675
Refrigerant connections	Liquid/Gas line	inch	1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Refrigerant tube	Min./Max. tubing length	m	3 / 25	3 / 30	3 / 50	3 / 50	3 / 65	3 / 65
	Max. tubing elevation	m	10	20	25	25	30	30
Operating limits	Cooling	°C	32	32	32	32	32	32
	Heating	°C	9	9	9	9	9	9

Mono System - DUCTABLE

HIDDEN CO



> WITH HEAT PUMP
or **COOLING ONLY**

R32-DC Inverter - Silent and invisible

With "WATER SAVING DEVICE" installed.

MONO SYSTEM DUCTED			ITZI-35	ITZI-53	ITZ-70	ITZ-88	ITZ-105	ITZ-120	ITZ-140	ITZ-160	
HEAT PUMP CONDENSING model			ACOM35 PCE	ACOM53 PCE	ACOM70 PCE	ACOM88 PCE	ACOM105 (M/T)PCE	ACOM120 PCE	ACOM140 TPCE	ACOM160 TPCE	
GAS R32											
COOLING ONLY CONDENSING model			ACOM35 SFE	ACOM53 SFE	ACOM70 SFE	ACOM88 SFE	ACOM105 (M/T)SFE	ACOM120 SFE	ACOM140 TSFE	ACOM160 TSFE	
Cooling Power	Performance	KW	3.5 (0.5-3.9)	5.28 (2.5-5.8)	7.0 (2.2-8.2)	8.7 (2.2-9.8)	10.5 (2.6-12)	12.3 (3.5-13.3)	14.6 (4.2-15.2)	15.2 (4.1-17.2)	
	Absorbed	W	1053 (155-1373)	1530 (710-2150)	2170 (480-2850)	2600 (590-3350)	3266 (660-4500)	3653 (730-4350)	5150 (1770-5699)	5230 (1030-6650)	
	Current (220/380)	A	4.7 (1.3-6.7)	7.1 (3.2-9.5)	9.5 (2.1-12.4)	11.8 (2.9-15.2)	14.8/6 (3.0-20.5)	16.6 (1.1-19.8)	9.5 (2.2-10.6)	9.6 (3.1-11.5)	
Heating Power	Performance	KW	3.8 (1-4.39)	5.57 (2.2-6.1)	7.6 (2.4-8.6)	9.3 (2.6-11.1)	11.1 (2.9-13.1)	13.4 (2.0-14.2)	16.1 (3.7-18.0)	18.1 (4.4-20.5)	
	Absorbed	W	1025 (302-1390)	1500 (740-1760)	2050 (500-2880)	2300 (430-2900)	2960 (650-4550)	3680 (340-4291)	4280 (1048-6124)	5150 (950-6600)	
	Current (220/380)	A	4.5 (1.6-6.2)	6.8 (3.3-7.7)	9.0 (2.2-12.5)	10.4 (1.9-13.2)	13.5 (2.9-20.8)	16.7 (1.6-19.5)	7.9 (1.9-11.3)	9.5 (2.0-11.5)	
Power supply	Internal unit	V-Ph-Hz	220~240-1-50"								
Power supply	External unit	V-Ph-Hz	220~240-1-50"				220/380	220~1-50"	380~3-50"	380~3-50"	
Seasonal cooling	Declared cooling capacity	KW	3.5	5.4	7.0	8.8	0.5	14	14	15.30	
	SEER	WW	6.3	6.5	6.1	6.1	6.1	6.1	6.1	6.1	
	Energy class		A++	A++	A++	A++	A++	A+	A++	A++	
Heating (average)	Declared heating capacity	KW	2.7	4.3	5.8	8.2	10.5	12.2	12.3	12.5	
	SCOP	WW	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
	Energy class		A+								
Internal unit air flow rate		m ³ /h	600/480/300	911/706/515	1360/1200/970	1580/1400/1100	1750/1500/1280	2200/1900/1600	2200/1900/1600	2600/2210/1820	
Static pressure	Average	Pa	25	25	25	37	37	50	50	50	
	Interval	Pa	0-60	0-100	0-160	0-160	0-160	0-160	0-160	0-160	
Sound pressure	Internal unit	dB(A)	34/30/29/23	38/34/26	46/42/38	50/48/44	48/45/40	50/47/44	50/47/45	52/49/47	
	Dimensions (LxWxH)	mm	700x506x200	880x674x210	1100x774x249	1360x774x249	1360x774x249	1200x874x300	1200x874x300	1200x874x300	
	Pack dimensions (LxWxH)	mm	860x540x285	1070x725x280	1305x805x305	1570x805x305	1570x805x305	1405x915x355	1405x915x355	1405x915x355	
	Net/gross weight	kg	18/22	24.3/29.6	31.5/38.9	46.3/54.5	40.5/48.5	47.6/55.8	47.6/55.8	47.4/56.1	
Condensing unit	Dimensions (LxWxH)	mm	520x297x560	520x297x560	520x320x697	600x380x797	600x380x797	600x380x797	600x380x1330	600x380x1330	
	Pack dimensions (LxWxH)	mm	887x337x610	910x370x615	965x395x755	1090x500x865	1090x500x865	1095x500x865	1095x500x1470	1095x500x1470	
	Net/gross weight	kg	26.5/29.3	32.5/35.4	49/51.5	62.9/68.5	78.9/83.9	108.1/121.2	112.8/126	112.8/126	
Condensing unit sound pressure (Min.-Max)		dB(A)	46/53	47/55	48/54	49/55	50/56	52/58	54/60	60/64	
Water consumption	Cooling (Min.-Max.)*	m ³ /h	0.050-0.130	0.060-0.180	0.085-0.250	0.105-0.315	0.130-0.376	0.145-0.430	0.165-0.501	0.190-0.573	
	Heating (Min.-Max.)**	m ³ /h	0.105-0.300	0.145-0.430	0.130-0.421	0.170-0.529	0.210-0.632	0.230-0.722	0.280-0.842	0.320-0.863	
Refrigerant	GWP		675	675	675	675	675	675	675	675	
Refrigerant connections	Liquid/Gas line	inch	6.35/9.52 1/4" - 3/8"	6.35/12.7 1/4" - 1/2"	9.52/15.9 3/8" - 5/8"						
Refrigerant tube	Min./Max. tubing length	m	25	30	50	50	65	65	65	75	
	Max. tubing elevation	m	10	20	25	25	30	30	30	30	
Operating limits	Cooling	°C	+32	+32	+32	+32	+32	+32	+32	+32	
	Heating	°C	+9	+9	+9	+9	+9	+9	+9	+9	

Mono System - CEILING/FLOOR

HIDDEN CO



> WITH HEAT PUMP
or **COOLING ONLY**

R32-DC Inverter - Horizontal or vertical installation

With "WATER SAVING DEVICE" installed.

MONO SYSTEM FLOOR/CEILING			IUZI-53	IUZ-70	IUZ-88	IUZ-105	IUZ-140	IUZ-160
HEAT PUMP model			ACOM53 PCE	ACOM70 PCE	ACOM88 PCE	ACOM105 (M/T)PCE	ACOM140 TPCE	ACOM160 TPCE
GAS R32								
COOLING ONLY model			ACOM53 SFE	ACOM70 SFE	ACOM88 SFE	ACOM105 (M/T)SFE	ACOM140 TSFE	ACOM160 TSFE
Cooling Power	Performance	kW	5.2 (2.7-5.8)	7.3 (3.2-7.7)	8.7 (4.0-10.0)	10.5 (2.6-12.0)	14.2 (5.0-15.1)	15.8 (4.1-16.7)
	Absorbed	W	1450 (660-2027)	2169 (747-2930)	2645 (890-4000)	3270 (660-4500)	5500 (1158-5703)	5650 (1100-6650)
	Current	A	6.3 (3.9-9)	9.5 (3.9-13.1)	12.0 (4.9-18.2)	14/6 (3/1-20/8.0)	10.2 (2.1-10.6)	9.7 (3.2-11.5)
Heating Power	Performance	kW	5.5 (2.4-6.3)	7.6 (2.7-8.2)	9.8 (2.9-11.4)	11.1 (2.9-13.2)	16.1 (3.8-18.0)	18.1 (4.4-19.6)
	Absorbed	W	1500 (540-1640)	2050 (650-2850)	2373 (720-4050)	2960 (650-4550)	5050 (1026-6200)	6050 (1050-7100)
	Current	A	6.6 (2.7-7.3)	8.9 (3.5-12.7)	11.8 (3.3-18.4)	13.5 (3.1-19.3)	9.4 (1.9-11.5)	10.5 (2.2-12.0)
Power supply	Internal unit	V-Ph-Hz	220~240-1-50"					
Power supply	External unit	V-Ph-Hz	220~240-1-50"			220/380	380~425-3-50"	380~415-3-50"
Seasonal cooling	Declared cooling capacity	kW	5.3	7	8.8	10.4	14.2	15.5
	SEER	W/W	6.2	6.1	6.1	6.1	6.1	6.1
	Energy class		A++	A++	A++	A++	A++	A++
Heating (average)	Declared heating capacity	kW	4.0	5.5	8.2	10.3	11.5	11.9
	SCOP	W/W	4.0	4.0	4.0	4.0	4.0	4.0
	Energy class		A+	A+	A+	A+	A+	A+
Internal unit air flow rate		m ³ /h	958/839/723	1192/1023/853	2160/1844/1431	2160/1844/1431	2100/1850/1600	2200/1950/1650
Sound pressure	Internal unit	dB(A)	43/41/36/24	49/46/43/37	51/47/42	51/47/42	54/50/46	54/50/46
	Dimensions (LxWxH)	mm	1068x235x675	1068x235x675	1650x235x675	1650x235x675	1650x235x675	1650x235x675
Internal unit	Pack dimensions (LxWxH)	mm	1145x313x755	1145x313x755	1735x313x755	1735x313x755	1735x313x755	1725x318x755
	Net/gross weight	kg	28/33	28/33	39/45	39/45	41/48	42/49
Condensing unit	Dimensions (LxWxH)	mm	520x297x560	520x320x697	600x380x797	600x380x797	600x380x1330	600x380x1330
	Pack dimensions (LxWxH)	mm	915x370x615	995x398x740	1090x500x865	1090x500x865	1095x500x1470	1095x495x1480
	Net/gross weight	kg	32.5/35.4	43/46	57/62	67/73	106/119	107/121
Condensing unit sound pressure (Min.-Max)		dB(A)	47/53	48/54	49/55	50/56	54/60	60/64
Water consumption	Cooling (Min.-Max.)*	m ³ /h	0.065/0.189	0.085/0.250	0.105/0.315	0.130/0.376	0.165/0.501	0.190/0.573
	Heating (Min.-Max.)**	m ³ /h	0.105/0.319	0.130/0.421	0.170/0.529	0.210/0.632	0.280/0.842	0.320/0.963
Refrigerant	GWP		2088	2088	2088	2088	2088	2088
	Liquid/Gas line	inch	1/4" - 1/2"	9.52/15.9 3/8" - 5/8"				
Refrigerant tube	Max. tubing length	m	30	50	50	65	65	75
	Max. tubing elevation	m	20	25	25	30	30	30
Operating limits	Cooling	°C	+32	+32	+32	+32	+32	+32
	Heating	°C	+9	+9	+9	+9	+9	+9

Mono System - CONSOLE

HIDDEN CO



> **WITH HEAT PUMP**
or **COOLING ONLY**

DC Inverter - Floor-mounting

With "WATER SAVING DEVICE" installed.

MONO SYSTEM CONSOLE			IFZI-35	IFZI-48
HEAT PUMP model			ACOM35PCE	ACOM48PCE
GAS R32				
COOLING ONLY model			ACOM35SFE	ACOM48SFE
Cooling Power	Performance	kW	3.5 (0.77-3.97)	4.8 (2.6-5.1)
	Absorbed	W	1020 (174-1333)	1511 (651-2027)
	Current	A	4.4 (1.4-5.9)	6.7
Heating Power	Performance	kW	3.8 (0.4-4.3)	4.98
	Absorbed	W	1020 (149-1418)	1400
	Current	A	4.4 (1.2-6.3)	6.8
Power supply	Internal unit	V-Ph-Hz	220~240-1-50"	220~240-1-50"
Power supply	External unit	V-Ph-Hz	220~240-1-50"	220~240-1-50"
Seasonal cooling	Declared cooling capacity	kW	3.5	4.8
	SEER	W/W	7.3	6.5
	Energy class		A++	A++
Heating (average)	Declared heating capacity	kW	2.60	4.0
	SCOP	W/W	4.0	4.0
	Energy class		A+	A+
Internal unit air flow rate		m3/h	620/520/420	670/620/510
Sound pressure	Internal unit	dB(A)	41/38/33	45/39/36
Internal unit	Dimensions (LxWxH)	mm	793x200x621	793x200x621
	Pack dimensions (LxWxH)	mm	/	/
	Net/gross weight	kg	/	/
Condensing unit	Dimensions (LxWxH)	mm	520x297x560	520x297x560
	Pack dimensions (LxWxH)	mm	887x337x610	915x370x615
	Net/gross weight	kg	26/29	32/35
Refrigerant	Type		R32	R32
	GWP		675	675
Condensing unit sound pressure (Min.-Max)		dB(A)	46/52	53
Water consumption	Cooling (Min.-Max.)*	m3/h	0.050/0.125	0.060/0.179
	Heating (Min.-Max.)**	m3/h	0.065/0.210	0.100/0.300
Refrigerant connection	Liquid/Gas line	inch	0.065/0.210 1/4" - 3/8"	0.100/0.300 1/4" - 1/2"
	Max. tubing length	m	25	30
	Max. tubing elevation	m	10	10
Operating limits	Cooling	°C	+32	+32
	Heating	°C	+9	+9



> SALES TERMS and CONDITIONS

ARTICLE 1 - PURPOSE and FIELD OF APPLICATION

- 1.1 The purpose of these general sales terms and conditions is to define the general provisions applicable to any sale of goods or services by HiddenCo.
- 1.2 Any request or order, either verbal or written, from a Purchaser, will lead to the issuing by HiddenCo of an "offer/confirmation" that must be returned signed for acceptance of all the general terms and conditions of sale.
- 1.3 If, in any moment, HiddenCo decides to not exercise all its rights pursuant to any clause in these general terms and conditions of sale, this cannot be considered as a waiver of its future right to act in accordance with said clauses.

ARTICLE 2 - CATALOGUES AND DOCUMENTATION

- 2.1 Any information, instruction or estimate sent by HiddenCo produced on any medium, either electronic or otherwise, is provided exclusively for information purposes. HiddenCo reserves the right to make modifications to its products or part of the same, of which its printed material forms part of its documentation, at any time and without notice.
- 2.2 The Purchaser may not modify the labels applied to the products or packaging, or add any other labelling, or use logos or brands without express written authorisation from HiddenCo.

ARTICLE 3 - ORDERS

- 3.1 HiddenCo is not bound by any orders received from the Purchaser unless the relative "offer/confirmation" has been returned, duly signed. The Purchaser is responsible for verifying that the confirmation received corresponds to the request. If, within 48 hours, no errors or omissions have been reported, said confirmation is understood to be tacitly accepted pursuant to art. 1444 of the Italian Civil Code.
- 3.2 In the event in which the Supplier (= HiddenCo) maintains at its sole discretion that the financial standing of the Purchaser has deteriorated, it may reduce or cancel one or more orders without this resulting in any rights to damages of any kind.

ARTICLE 4 - PRICES

- 4.1 Prices are understood to correspond to the contents of the current price list and shown on the confirmation accepted by the Purchaser. In the event that HiddenCo decides to vary prices, any orders previously accepted will be consigned at the prices agreed, without the application of any relative increases.
- 4.2 The prices indicated on the price list are exclusive of VAT and do not include any other taxes, duties or amounts (save for variations specified in the Confirmation) payable by the Purchaser.

ARTICLE 5- TRANSPORTATION and CONSIGNMENT

- 5.1 The terms and conditions of consignment are purely indicative and without any formal obligation on the part of HiddenCo. No delays, whatever the cause, can be considered reason for termination of the contract or cancellation of the order.
- 5.2 Material consignment is understood to be ex HiddenCo warehouse or as indicated on a case-by-case basis on the order confirmation. The Supplier (=HiddenCo) may modify the terms and conditions of consignment on its own commercial initiative, which in any case will be stated clearly and explicitly on the order confirmation.
- 5.3 HiddenCo declines all responsibility for damage caused to the product during transportation and unloading, even in the case of consignment ex recipient. On receipt of the material, the Purchaser must immediately inform the carrier of any damage by providing written acceptance subject to confirmation on the transportation document and send a request for reimbursement within 8 days by registered letter with acknowledgement of receipt or certified email.
- 5.4 HiddenCo retains ownership of its products until payment of the full purchase price for the same. Each consignment must be accompanied by a transportation document. Any complaint regarding apparent defects or nonconformity of the product consigned must be immediately communicated by certified email or registered letter with acknowledgement of receipt within three (3) working days from consignment. The Purchaser must, together with their complaint, provide evidence of the alleged defects or nonconformity discovered. The Purchaser will allow HiddenCo to repair the defects discovered.

ARTICLE 6 - TERMS AND CONDITIONS OF PAYMENT

- 6.1 Payment must be made in accordance with the terms and conditions indicated in the acceptance of the "Order Offer/Confirmation". In the event of late payment, default interest will be charged in relation to the sum in question and calculated in accordance with the ECB refinancing rate plus 10 points. Furthermore, pursuant to art. 6, paragraph 2 of Italian Legislative Decree n. 231 of 09/10/2002, subsequently amended by Italian Legislative Decree no. 192 of 09/11/2012, a further € 40.00 will be due from the Purchaser to the Supplier (=HiddenCo).
- 6.2 In response to any non-payment, HiddenCo reserves the right to suspend all pending and/or future orders from the Purchaser. It may also demand the return of the consigned product, save for decisions to the contrary made by HiddenCo itself.
- 6.3 The Purchaser will be required to cover all costs incurred for the recovery of the sums due, including any legal or court fees, credit recovery fees and, in general, any charges incurred by the Supplier for the aforementioned recovery.

ARTICLE 7 - WARRANTY

- 7.1 Duration: in the case of defects for which responsibility has been ascertained, HiddenCo guarantees supply in accordance with the law. On request for intervention, the Client must provide a fiscally valid document issued by the seller, demonstrating the date of purchase.
- 7.2 Validity: the contractual warranty is applicable exclusively if the Purchaser has fully complied with its payment obligations. For users who use the product for domestic purposes, the warranty period is 24 months. For all users operating within the scope of a professional activity, the warranty period is 14 months.
- 7.3 Supplier responsibility: during the warranty period, HiddenCo undertakes to correct any defects through its own technical support network, without any costs for the end user. In the event that correction is not possible through repairs and/or in the event that said repairs prove to be excessively costly in relation to the value of the Equipment, HiddenCo may decide, at its sole discretion, to substitute the product without any modification to the expiry date or terms of the warranty.
- 7.4 Disclaimer: HiddenCo will not be held responsible for any defects if technical personnel deem the same to be due to conditions external to the functioning of the product. For example:
 - insufficient capacity (or nonconformity) of electrical systems.
 - insufficient capacity or below minimum recommended temperature of the water used.
 - negligence, carelessness, tampering, accidental breakage, damage during transportation or improper use by the end user.
 - incorrect installation.
 - failure to comply with the indications of the use and maintenance documentation for the Equipment.
 - damage caused by atmospheric or natural events (lightning, flood, fire, earthquake, etc.) or acts of vandalism.
- 7.5 Intervention beyond the warranty period: on expiry of the warranty period, expenses for any repairs must be covered by the end user. HiddenCo will undertake to provide the Purchaser with spare parts for a maximum period of three years from consignment of the product, unless otherwise established.

ARTICLE 8: JURISDICTION

- 8.1 For any dispute regarding the interpretation, execution or termination of a sales contract resulting from an order accepted in relation to HiddenCo products, the Court of Verona will have exclusive jurisdiction.



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