

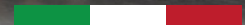
HiDew

Dehumidifiers **10th**

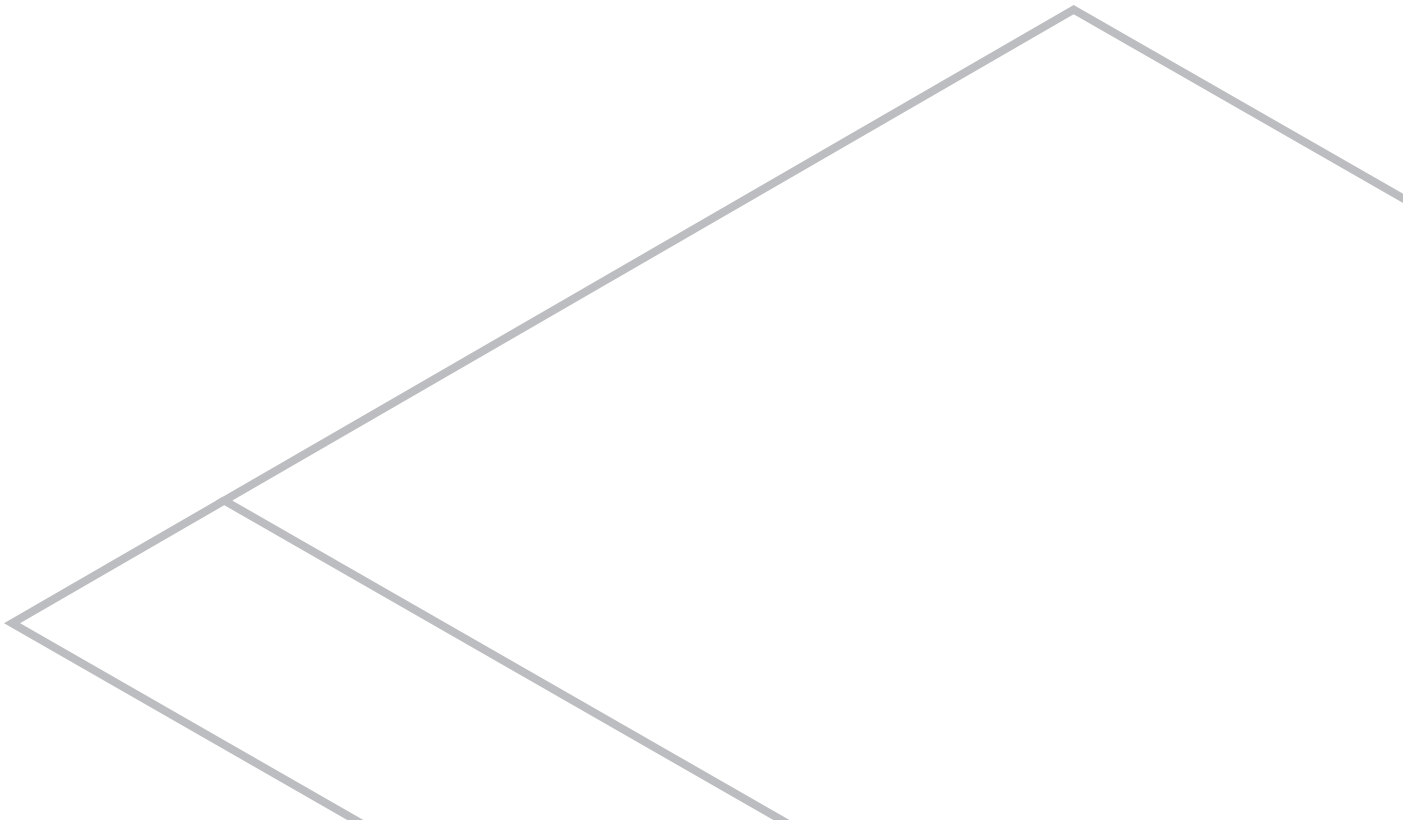
WINE
INDUSTRY
SOLUTIONS



MADE IN ITALY



WINE INDUSTRY SOLUTIONS



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THE CELLAR AREAS



The wine cellar is a set of rooms each characterized by specific temperature and humidity values according to their function: the control of thermohygrometric conditions in each of the rooms is crucial in order to maximize the quality of the final product and the comfort of workers and guests inside.

DRYING ROOM: essential for the production of wines from dried grapes. In order to ensure the stability of the process, air handling units become essential to eliminate the dependence of drying on weather conditions and of any specific logistics;

VINIFICATION ROOM: whether the grape must is inside thermoregulated container vessels or not, hygrometric conditions must be controlled to avoid the proliferation of mold due to an overly humid environment and to avoid excessively wet floors and tanks for both aesthetic and safety issues;

BARREL CELLAR ROOM, BOTTLE AGING, STORAGE: these are the places where the finished product is stored for a variable amount of time in order to make it ready for sale and tasting in the best conditions. Excessive variations in temperature, but especially in humidity can affect the properties of the wine from an organoleptic point of view;

TASTING ROOM: may be located in a dedicated area or occupy areas previously used for other stages of production. In this environment, refine control of temperature and humidity enhances the visitor's experience as well as keeping the product in the proper condition for storage;

PRIVATE CELLAR: the correct temperature and humidity conditions ensure the preservation of the product, enhancing the evolution of flavors and aromas as it ages.

DRYING ROOM

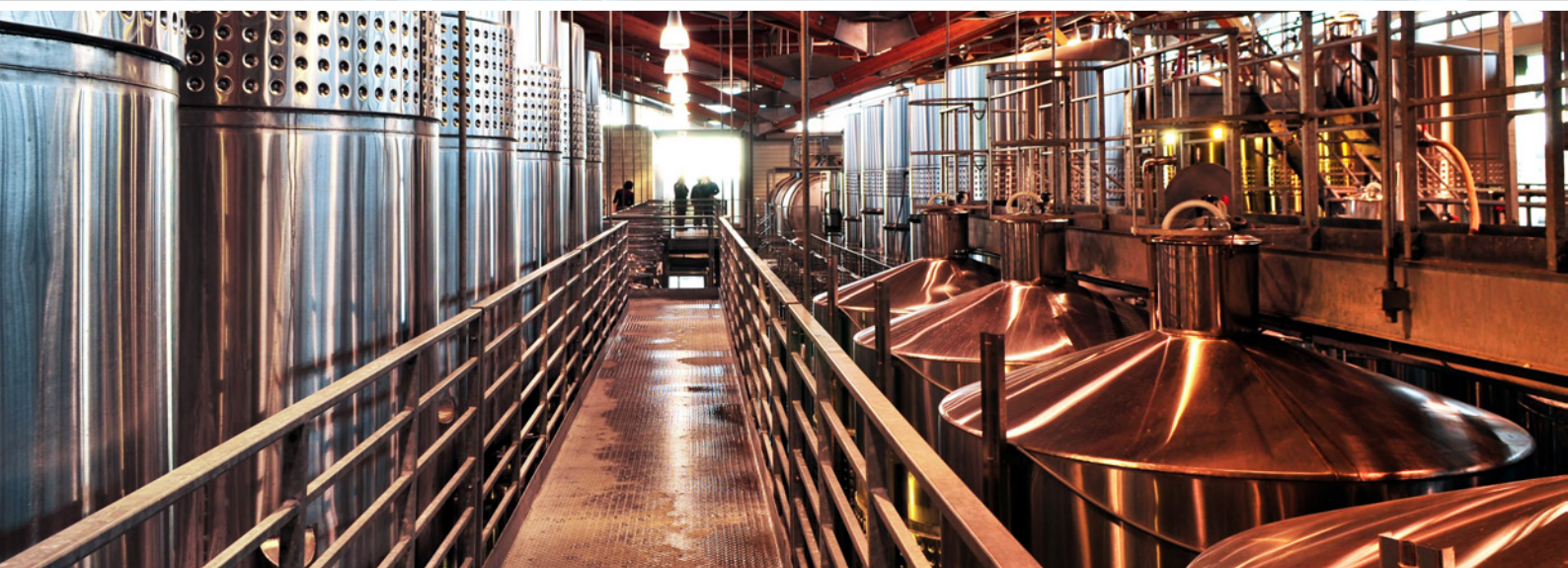


SINGLE FLOW DEHUMIDIFIERS WITH TEMPERATURE CONTROL



- ✓ Weather-independent performance
- ✓ Controlled drying speed
- ✓ Uniform and controlled grape quality in the environment
- ✓ Reduced energy costs thanks to the heat pump

VINIFICATION ROOM



SINGLE-FLOW DEHUMIDIFIERS WHEELABLES

ID



IT

SINGLE FLOW DEHUMIDIFIERS WITH TEMPERATURE CONTROL

- ✓ Clean, healthy and safe environment
- ✓ Machinery, components and tanks always dry
- ✓ Environment visually pleasing to visitors
- ✓ Possibility to install fixed or mobile equipment to serve individual areas for temporary treatments
- ✓ Room sanitization through Jonix NTP technology

BARREL CELLAR ROOM, BOTTLE AGING, STORAGE



SINGLE-FLOW DEHUMIDIFIERS WITH TEMPERATURE CONTROL



JONIX
pure living



CCA

CCV

CCW

STAND-ALONE UNITS FOR HUMIDITY AND TEMPERATURE CONTROL

- ✓ Absence of mold and microorganisms on wood and cork
- ✓ Moisture control of barrels and caps
- ✓ Quality of the final product guaranteed for a long time throughout aging
- ✓ Solutions for every type of environment in terms of volume
- ✓ Room and barrel sanitization to prevent corky odor through Jonix NTP technology

TASTING ROOM



DOUBLE-FLOW DEHUMIDIFIERS WITH HIGH-EFFICIENCY HEAT RECOVERY UNIT WITH TEMPERATURE CONTROL

STR



- ✓ Air-conditioned and comfortable environment to enhance the visitor experience
- ✓ Air recirculation to prevent odors and ensure healthiness when people are on site
- ✓ Speed of system response as crowding changes
- ✓ Reduced energy consumption thanks to the heat pump
- ✓ Room sanitization through Jonix NTP technology

PRIVATE CELLAR



**STAND-ALONE UNITS FOR HUMIDITY
AND TEMPERATURE CONTROL**

CCA

CCV

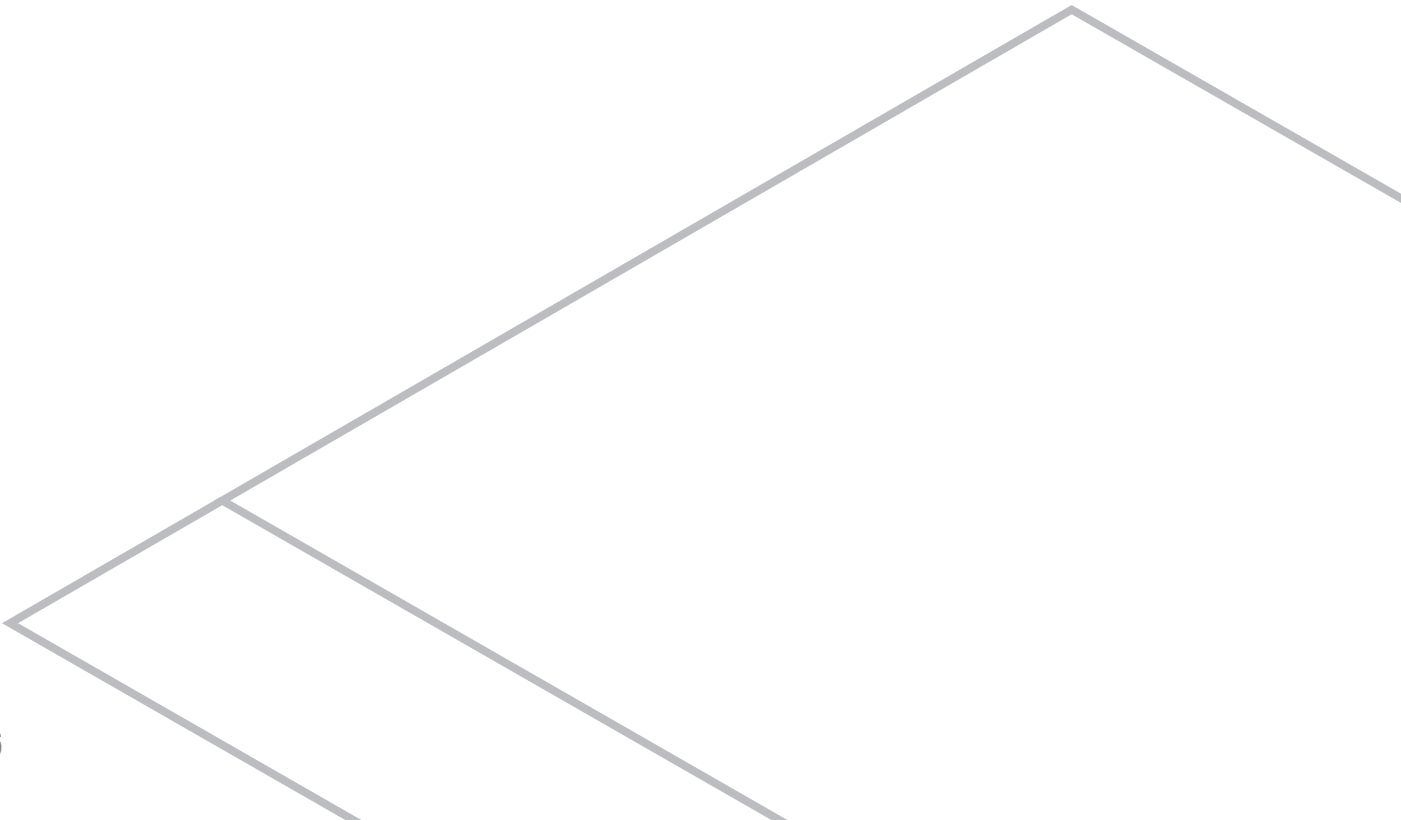
CCW

JONIX
pure living



- ✓ All-in-one, integrated, invisible solutions
- ✓ Heating, dehumidification, humidification and cooling
- ✓ Compact size combined with a variety of installation options
- ✓ Room sanitization through Jonix NTP technology

RANGE

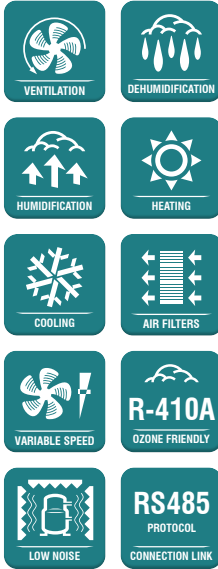


STAND-ALONE UNITS FOR HUMIDITY AND TEMPERATURE CONTROL

CCA

CCV

CCW

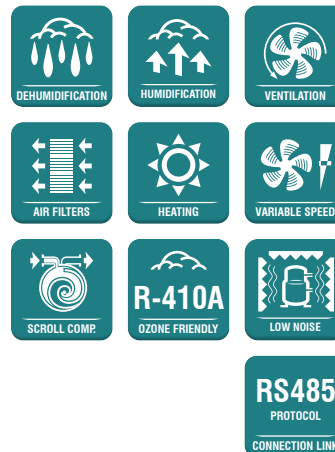


Technical sheet of the range		CCV		CCA			CCW			
		300	450	300	450	900	300	450	900	
Cooling capacity	kW	1,45	2,15	1,50	2,20	4,4	1,55	2,25	4,60	
Airflow rate	m³/h	300	450	300	450	900	300	450	900	
Electrical heater capacity	kW	1,3		1,3		2,6	1,3		2,6	
Electric power supply	V/ph/Hz	230 / 1 + N / 50 400 / 3 + N / 50		230 / 1 + N / 50 400 / 3 + N / 50			230 / 1 + N / 50 400 / 3 + N / 50			
Dimensions L x P x H	mm	650 x 1690 x 450			650 x 1690 x 450			650 x 1690 x 450		
Weight	kg	85-90		85-90			85-90			

All the values refer to the following conditions: indoor air: 18°C - 80% RH; outdoor air: 30°C - 50% RH (CCV, CCA); inlet water: 25°C (CCW)

ID

SINGLE-FLOW DEHUMIDIFIERS



Technical sheet of the range

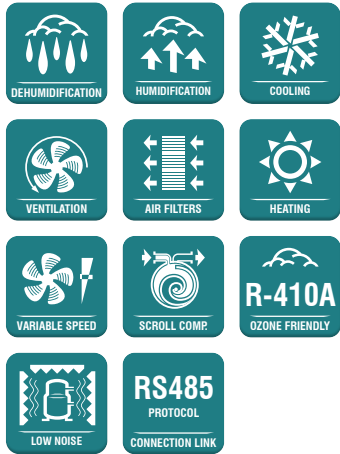
		ID									
		0100	0130	0160	0190	0210	0260	0300	0350	0450	0580
Dehumidifying capacity	L/Day	100	128	157	190	210	268	302	358	452	581
Air flow rate	m ³ /h	900	1200	1600	1600	2000	2800	2800	3800	4000	4800
Hot water coil capacity	kW	5,5	9,8	9,8	9,8	16,5	17	17	26,5	26,5	27
Electric power supply	V/ph/Hz	230 / 1+N / 50					400 / 3+N / 50				
Dimensions L x P x H	mm	550 x 700 x 900				850 x 700 x 900			850 x 830 x 1350		
Weight	kg	100	100	105	110	120	130	140	220	230	240

Technical sheet of the range

		ID									
		0750	0950	1100	1400	1500	1700	1900	2200	3000	4500
Dehumidifying capacity	L/Day	760	955	1120	1380	1480	1710	1870	2180	2960	4650
Air flow rate	m ³ /h	7000	8200	11000	12500	13000	15000	15000	17000	25000	35000
Hot water coil capacity	kW	48	55	76	83	98	107	107	118	168	235
Electric power supply	V/ph/Hz	400 / 3+N / 50									
Dimensions L x P x H	mm	1400 x 1000 x 1350		1950 x 1000 x 1640		2500 x 1000 x 1640			3390 x 1000 x 1640		4430 x 1000 x 1640
Weight	kg	410	430	650	720	780	840	900	950	1250	1550

All the values refer to the following conditions: inlet air: 30°C - 80% RH; inlet/outlet water: 80/70°C

SINGLE-FLOW DEHUMIDIFIERS WITH TEMPERATURE CONTROL



Technical sheet of the range

		IT									
		0100	0130	0160	0190	0210	0260	0300	0350	0450	0580
Dehumidifying capacity	L/Day	100	128	157	190	210	268	302	358	452	581
Air flow rate	m³/h	900	1200	1600	1600	2000	2800	2800	3800	4000	4800
Cooling power	kW	4,9	6,5	8	10	11	15	16	19	23	30
Hot water coil capacity	kW	5,5	9,8	9,8	9,8	16,5	17	17	26,5	26,5	27
Electric power supply	V/ph/Hz	230 / 1+N / 50					400 / 3+N / 50				
Dimensions L x P x H	mm	550 x 700 x 900					850 x 700 x 900			850 x 830 x 1350	
Weight	kg	100	100	105	110	120	130	140	220	230	240

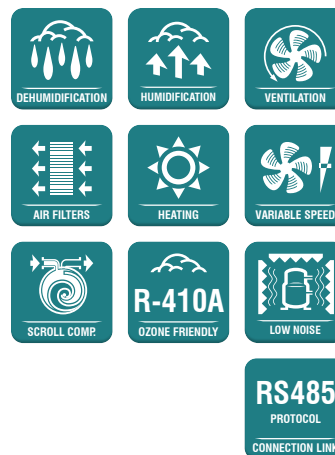
Technical sheet of the range

		IT									
		0750	0950	1100	1400	1500	1700	1900	2200	3000	4500
Dehumidifying capacity	L/Day	760	955	1120	1380	1480	1710	1870	2180	2960	4650
Air flow rate	m³/h	7000	8200	11000	12500	13000	15000	15000	17000	25000	35000
Cooling power	kW	38	50	56	66	75	86	96	110	148	277
Hot water coil capacity	kW	48	55	76	83	98	107	107	118	168	235
Electric power supply	V/ph/Hz	400 / 3+N / 50									
Dimensions L x P x H	mm	1400 x 1000 x 1350		1950 x 1000 x 1640		2500 x 1000 x 1640			3390 x 1000 x 1640		4430 x 1000 x 1640
Weight	kg	410	430	650	720	780	840	900	950	1250	1550

All the values refer to the following conditions: inlet air: 30°C - 80% RH; inlet/outlet water: 80/70°C; outdoor air: 30°C - 50% RH.

SPR

DOUBLE-FLOW DEHUMIDIFIERS WITH HIGH-EFFICIENCY HEAT RECOVERY UNIT



Technical sheet of the range

		SPR									
		0100	0130	0160	0190	0210	0260	0300	0350	0450	0580
Dehumidifying capacity (1)	L/Day	100	128	157	190	210	268	302	358	452	581
Recirculation air flow rate	m³/h	900	1200	1600	1600	2000	2800	2800	3800	4000	4800
Fresh air flow rate	m³/h	0 - 900	0 - 1200	0 - 1200	0 - 1200	0 - 2000	0 - 2000	0 - 2000	0 - 2000	0 - 2000	0 - 2000
Hot water coil capacity (1)	kW	5,5	9,8	9,8	9,8	16,5	17	17	26,5	26,5	27
Heat recovery system efficiency (2)	kW	70	70	70	70	70	70	70	70	70	70
Electric power supply	V/ph/Hz	230 / 1+N / 50					400 / 3+N / 50				
Dimensions L x P x H	mm	550 x 1452 x 1320					850 x 1452 x 1320			850 x 1682 x 1769	
Weight	kg	155	155	160	165	200	210	220	250	270	300

Technical sheet of the range

		SPR									
		0750	0950	1100	1400	1500	1700	1900	2200	3000	4500
Dehumidifying capacity (1)	L/Day	760	955	1120	1380	1480	1710	1870	2180	2960	4650
Recirculation air flow rate	m³/h	7000	8200	11000	12500	13000	15000	15000	17000	20000	35000
Fresh air flow rate	m³/h	0 - 6000	0 - 6000	0 - 11000	0 - 12500	0 - 13000	0 - 15000	0 - 15000	0 - 17000	0 - 20000	277
Hot water coil capacity (1)	kW	48	55	76	83	98	107	107	118	168	
Heat recovery system efficiency (2)	kW	70	70	70	70	70	70	70	70	70	235
Electric power supply	V/ph/Hz	400 / 3+N / 50									
Dimensions L x P x H	mm	1400 x 2331 x 1950		2700 x 1950 x 2340		2500 x 2505 x 2380				2500 x 3390 x 2380	2500 x 4430 x 2380
Weight	kg	710	730	870	1060	1280	1280	1290	1290	1680	2100

(1) Inlet air: 30°C - 80% RH; inlet/outlet water: 80/70°C; 100% recirculation. (2) Indoor air: 26°C - 60% RH; outdoor air: -5°C - 80% RH.

DOUBLE-FLOW DEHUMIDIFIERS WITH HIGH-EFFICIENCY HEAT RECOVERY UNIT WITH TEMPERATURE CONTROL

STR



Technical sheet of the range

		STR									
		0100	0130	0160	0190	0210	0260	0300	0350	0450	0580
Dehumidifying capacity (1)	L/Day	100	128	157	190	210	268	302	358	452	581
Recirculation air flow rate	m³/h	900	1200	1600	1600	2000	2800	2800	3800	4000	4800
Fresh air flow rate	m³/h	0 - 900	0 - 1200	0 - 1200	0 - 1200	0 - 2000	0 - 2000	0 - 2000	0 - 2000	0 - 2000	0 - 2000
Cooling power	kW	4,9	6,5	8	10	11	15	16	19	23	30
Hot water coil capacity (1)	kW	5,5	9,8	9,8	9,8	16,5	17	17	26,5	26,5	27
Heat recovery system efficiency (2)	kW	70	70	70	70	70	70	70	70	70	70
Electric power supply	V/ph/Hz	230 / 1+N / 50					400 / 3+N / 50				
Dimensions L x P x H	mm	550 x 1452 x 1320					850 x 1452 x 1320			850 x 1682 x 1769	
Weight	kg	155	155	160	165	200	210	220	250	270	300

Technical sheet of the range

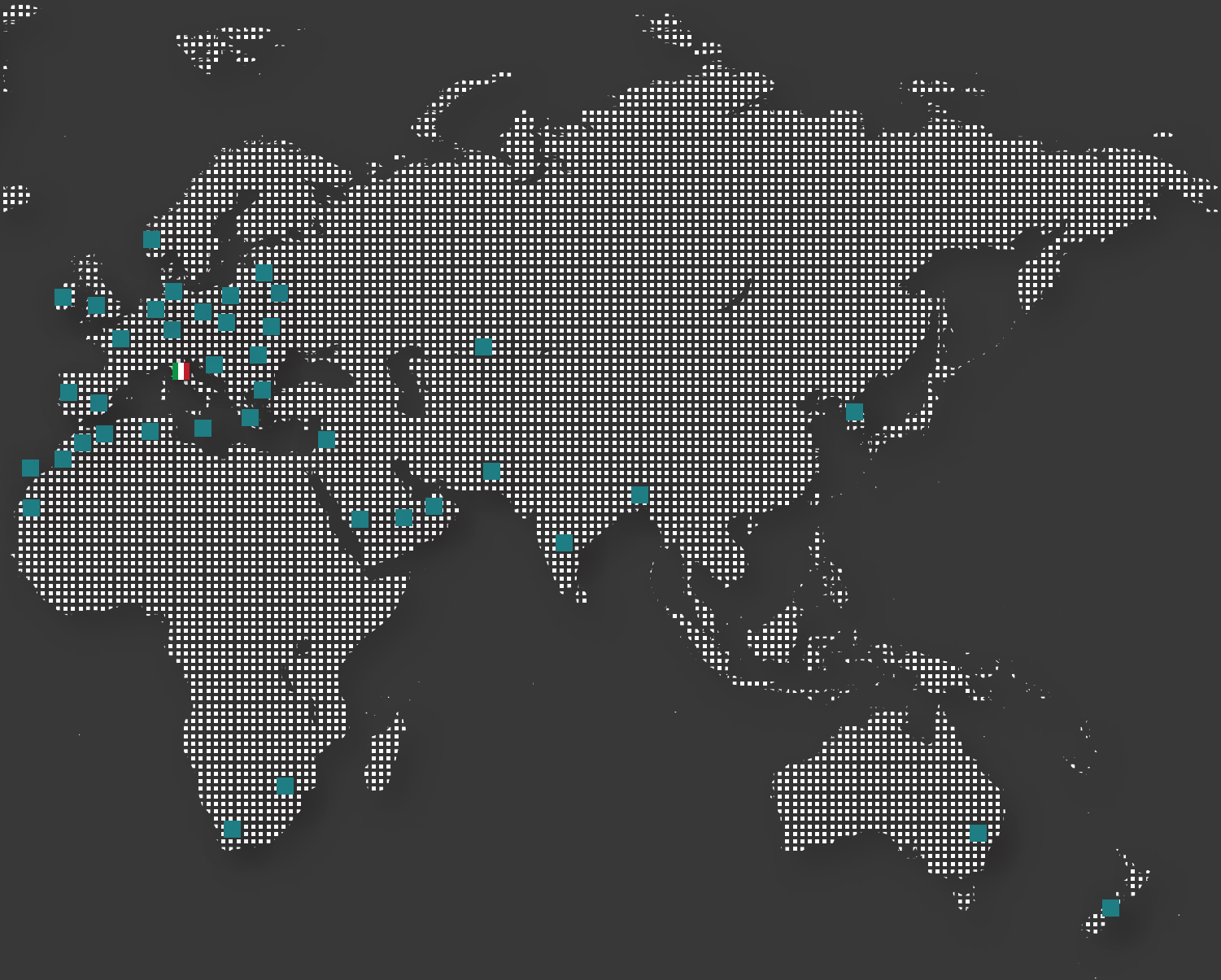
		STR									
		0750	0950	1100	1400	1500	1700	1900	2200	3000	4500
Dehumidifying capacity (1)	L/Day	760	955	1120	1380	1480	1710	1870	2180	2960	4650
Recirculation air flow rate	m³/h	7000	8200	11000	12500	13000	15000	15000	17000	20000	35000
Fresh air flow rate	m³/h	0 - 6000	0 - 6000	0 - 11000	0 - 12500	0 - 13000	0 - 15000	0 - 15000	0 - 17000	0 - 20000	0 - 28000
Cooling power	kW	38	50	56	66	75	86	96	110	148	277
Hot water coil capacity (1)	kW	48	55	76	83	98	107	107	118	168	235
Heat recovery system efficiency (2)	kW	70	70	70	70	70	70	70	70	70	70
Electric power supply	V/ph/Hz	400 / 3+N / 50									
Dimensions L x P x H	mm	1400 x 2331 x 1950		2700 x 1950 x 2340		2500 x 2505 x 2380			2500 x 3390 x 2380		2500 x 4430 x 2380
Weight	kg	710	730	870	1060	1280	1280	1290	1290	1680	2100

(1) Inlet air: 30°C - 80% RH; inlet/outlet water: 80/70°C; outdoor air: 30°C - 50% RH; 100% recirculation. (2) Indoor air: 26°C - 60% RH; outdoor air: -5°C - 80% RH.



DISTRIBUTION:

EXPORT TO MORE THAN 50 COUNTRIES



HiDew
Dehumidifiers **10th**

www.hidew.it

info@hidew.it



MADE IN ITALY

