



HT 14 OPTIMA

CONNECTED HOOD-TYPE DISHWASHERS
WITH CLEAN WATER TECHNOLOGY

DIHR
we mean clean

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We simply combined the highest specs and ultimate new technology to the time-tested name and features. HT 14 OPTIMA is our answer to the new high standards of hygiene and cleanliness of the worldwide market, keeping our renowned low operating costs thanks to the OPTIMAL RINSE system. Our HYGIENE+ cycles ($A_0=60$) will guarantee to work safely by keeping top sanitation levels.

The settable additional cycle and the available self-monitoring technology and CONNECTIVITY makes the HT 14 OPTIMA the range you have been expecting. An intuitive and interactive electronic panel will lead you through the new functions of your dishwasher. Its self-diagnosis system notifies any anomaly and clearly shows the different steps of the cycle and status of your dishwasher. 6 wash cycles (8 for the Hygiene+ version) and the easy change of voltage make these machines incredibly versatile and easy to install.

$A_0=60$
HYGIENE+



HYGIENE+ SYSTEM

Our HYGIENE + models, with high temperatures and long cycles, ensure compliance with high levels of hygiene, nowadays more essential than ever for our personal health. We designed this range according to strict standards and parameters of thermal disinfection. All our HYGIENE + models obtain the A_0 60 level, reducing pathogenic microorganisms and bacterial load according to the norm EN ISO 15883-1. Two cycles with high temperatures (180 and 630 seconds), reaching up to 75°C for washing and 90°C for rinsing, guarantee a full compliance with the disinfection principles.

FEATURES

- Partial anticipated drain of waste water thanks to the standard drain-pump, waste wash water is partially drained before rinsing. At each cycle, wash water is cleaner, already warm and added with detergent and rinse-aid
- The innovative deep-formed tank with reduced volume allows significant savings on water, energy and chemicals also avoiding water stagnation
- Standard version: Six wash cycles with partial drain of the wash water before rinsing
- Hygiene+ version: Eight wash cycles, six with partial drain of the wash water before rinsing and two Hygiene+ programs
- Detergent and rinse-aid dosage setting, directly from the control panel
- Self-cleaning vertical pump
- Built-in peristaltic detergent and rinse-aid dispensers
- Double skin insulated hood
- Plus system to grant a constant rinse temperature and pressure
- Water consumption and working time control system
- Break Tank system to prevent backflow contaminations in the piping network
- User-friendly multichrome START key
- Electronic control panel with TFT screen
- Language selection and menu personalization
- Self-diagnostic system, for users and service staff
- Self-cleaning cycle
- Soft Start wash pump
- Automatic built-in water softener version available on demand
- Option available remote control panel
- CONNECTIVITY remote control compliant with the HACCP norms (on request)



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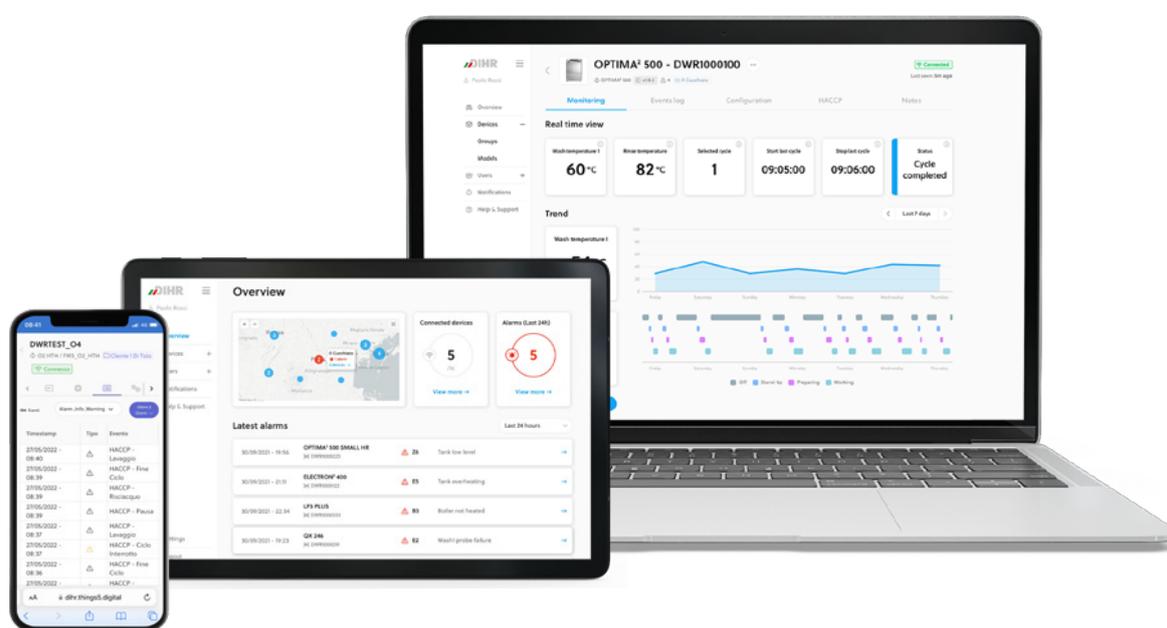
CONNECTIVITY 4.0

WHEREVER YOU ARE...

YOUR DISHWASHER, JUST A CLICK AWAY

You will be constantly connected to the machine to monitor the work phases, review any eventual alarm and configure remotely the operating parameters according to your needs.

Compliant with HACCP norms.



View all the working parameters and event records, working hours and any problem at any time.



In case of problem, the machine promptly alerts you. The technician can intervene remotely to solve the problem or anticipate the needed parts for an on-site intervention.



A daily activity report is available with all the events related to the dishwasher in a detailed spreadsheet with HACCP data.



Our Connectivity system is a revolutionary device limiting and facilitating the eventual intervention of a technician who can anticipate the necessary parts to be replaced, saving time and money.

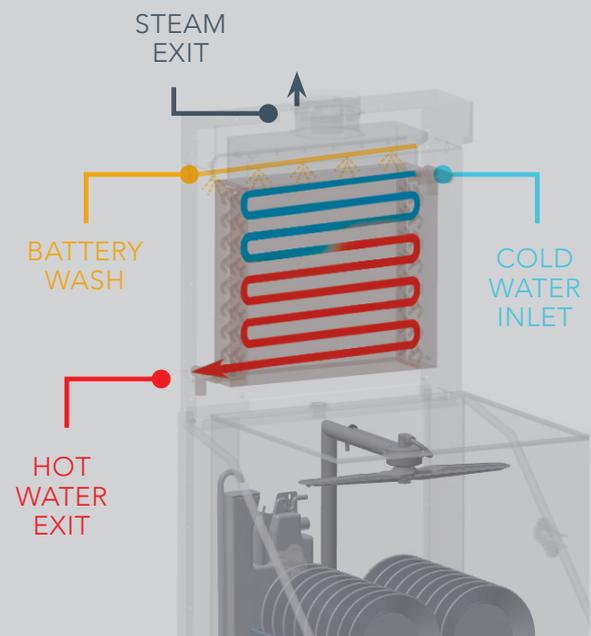
NEW HIGH-TECH BACKLIT DISPLAY

This new intuitive technology with colored icons, combined with a handy multi-color START, make the machine simple and efficient to use. In addition, the introduction of the new 'customizable cycles' function allows the installer to easily change all parameters related to the wash phase, pause and rinse length and temperatures according to the user's needs. The TFT display provides information on the current status of the machine and on ongoing events such as errors, anomalies, temperatures, cycle selection, cycle progression, lack of salt if water softener included and many other indicators depending on the options selected during the configuration phase.



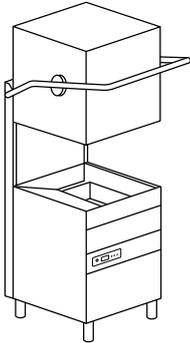
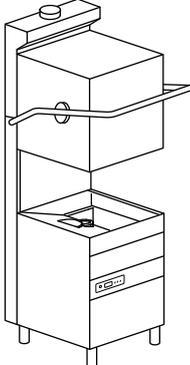
HR - ENERGY RECOVERY

The ENERGY RECOVERY system uses the heat produced by the machine to preheat the inlet cold water (8-15 °C). This is an immediate saving on energy costs. Additionally, an optimal temperature in the dishwashing area is achieved as the air is no more affected by steam and humidity.



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Model	Voltage	Capacity	Dimensions	Code
HT 14 OPTIMA ELECTRONIC 6 PROGRAMS				
 <div data-bbox="363 450 544 629" style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>RACK EQUIPMENT 2 X C40 1 X C44 2 X 15060</p> </div>	Multivoltage:	 	 	<p>HT 14 OPTIMA</p> <p>HT 14 OPTIMA DA</p>
	<p>standard 400 V 3N 50 Hz (9,9 kW)</p> <p>-- 230 V 3 50 Hz (9,9 kW)</p> <p>-- 230 V 50 Hz (9,9 kW)</p>			
HT 14 OPTIMA HR ELECTRONIC 6 PROGRAMS				
 <div data-bbox="363 882 544 1061" style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>RACK EQUIPMENT 2 X C40 1 X C44 2 X 15060</p> </div>	Multivoltage:	 	 	<p>HT 14 OPTIMA HR</p> <p>HT 14 OPTIMA HR DA</p>
	<p>standard 400 V 3N 50 Hz (9,9 kW)</p> <p>-- 230 V 3 50 Hz (9,9 kW)</p> <p>-- 230 V 50 Hz (9,9 kW)</p> <p>Cold water supply</p>			

X With special basket to be ordered

Model	Voltage	Capacity	Dimensions	Code
HT 14 OPTIMA H+ ELECTRONIC 8 PROGRAMS				
<p>RACK EQUIPMENT 2 X C40 1 X C44 2 X 15060</p> <p>A₀=60 HYGIENE +</p>	Multivoltage: standard 400 V 3N 50 Hz (9,9 kW)	<p>∅ 410</p>	720x735x 1445/1880 H 125 kg	HT 14 OPTIMA H+
	-- 230 V 3 50 Hz (9,9 kW)	<p>500x500</p>	<p>530x325x25 H</p>	HT 14 OPTIMA DA H+
HT 14 OPTIMA HR H+ ELECTRONIC 8 PROGRAMS - HR: HEAT RECOVERY				
<p>RACK EQUIPMENT 2 X C40 1 X C44 2 X 15060</p> <p>A₀=60 HYGIENE +</p>	Multivoltage: standard 400 V 3N 50 Hz (9,9 kW)	<p>∅ 410</p>	720x735x 2095 H 145 kg	HT 14 OPTIMA HR H+
	-- 230 V 3 50 Hz (9,9 kW)	<p>500x500</p>	<p>530x325x25 H</p>	HT 14 OPTIMA HR DA H+
	230 V 50 Hz (9,9 kW)			
	Cold water supply			

A₀=60 Special programs complying with A₀ = 60 on the scale of thermo-disinfection according to the norm EN ISO 15883-1. All our Hygiene+ models reach the A₀ 60 level defining the minimum reduction level of pathogenic microorganisms and bacterial load. In addition, our Plus Rinsing System guarantees a perfect rinse with steady temperature and water pressure for optimum hygienic results

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OPTIONS

Model					CONTROL	RO	XP	PS	DDE	DBE
	220-240 V 50 Hz	380-415 V 3N 50 Hz	220-240 V 3 50 Hz	60 Hz	Additional remote con- trol panel	Osmosis Connection	Extra Power	Drain Pump	Detergent Dispenser	Peristaltic Rinse-Aid Disp.
HT 14 OPTIMA	€	●	€	€	€	□	€	●	●	●
HT 14 OPTIMA DA	€	●	€	€	€	----	€	●	●	●
HT 14 OPTIMA HR	€	●	€	€	€	□	----	●	●	●
HT 14 OPTIMA HR DA	€	●	€	€	€	----	----	●	●	●
HT 14 OPTIMA H+	€	●	€	€	€	□	€	●	●	●
HT 14 OPTIMA DA H+	€	●	€	€	€	----	€	●	●	●
HT 14 OPTIMA HR H+	€	●	€	€	€	□	----	●	●	●
HT 14 OPTIMA HR DA H+	€	●	€	€	€	----	----	●	●	●

● Standard

□ Upon request

---- Not available

M Multivoltage

DA Built-in automatic water softener

HR Available in case of osmotic water supply, if the electrical conductivity is higher than 200 microsiemens

H+ (HYGIENE+) 2 cycles of 630 and 180 seconds with high temperatures, reaching up to 75 °C for washing and 90 °C for rinsing
Water supply 55 °C (not on HR version)

EAC label upon request

Water supply 55 °C (not on HR version)

Model	TS Electr. Timer + Thermostop	ST Soft Start	BT Break Tank	WRAS Wras	DVGW DVGW	CONNECTIVITY Connectivity (HACCP)	PR Rinse Pump	ID Double Skin	DF Surface Filters Kit	FLOAT Probes Lack Det / rinse aid
HT 14 OPTIMA	●	●	●	€	€	€	●	●	●	€
HT 14 OPTIMA DA	●	●	----	----	----	€	●	●	●	€
HT 14 OPTIMA HR	●	●	●	----	----	€	●	●	●	€
HT 14 OPTIMA HR DA	●	●	----	----	----	€	●	●	●	€
HT 14 OPTIMA H+	●	●	●	€	€	€	●	●	●	€
HT 14 OPTIMA DA H+	●	●	----	----	----	€	●	●	●	€
HT 14 OPTIMA HR H+	●	●	●	----	----	€	●	●	●	€
HT 14 OPTIMA HR DA H+	●	●	----	----	----	€	●	●	●	€

SOFT START Progressive start of the wash pump

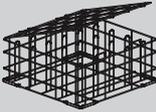
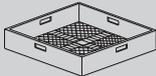
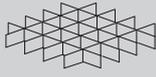
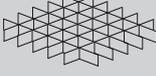
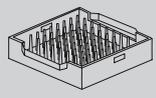
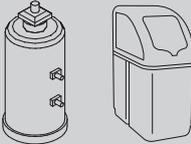
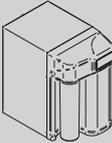
XP In case of cold water supply for rinse (8-55 °C) and without any heat recovery, the extra power option is mandatory. +3000 W with standard voltage only, for other voltages please contact us. In case of cold water supply for rinse (8-15 °C). We recommend the heat recovery option, if available on the selected model.

BT - WRAS - DVGW Booster pump included.

DVGW Components prescribed by DVGW on request (check option compatib € h the manufacturer)

CONNECTIVITY Includes HACCP option. 10-year plan

Option compatibility to be confirmed by the manufacturer after verification.

	Description	Capacity	Dimensions	Code	
	SLOPED GLASS BASKET	Ø 10 max	500x500x200 H	C 26	
	GLASS BASKET WITH GLASS SUPPORT AND ANTI-TIPPING LID		500x500x235 H	C 135	
	LARGE MESH BASKET	For glasses	500x500x105 H	C 44	
	HOLDER FOR GLASS SUPPORT	For glass support (C112-C113-C114)	500x500x50 H	C111	
	GLASS SUPPORT	5x5 Glass Ø 87 mm (C111)	500x500x50 H	C 112	
	GLASS SUPPORT	4x4 Glass Ø 110 mm (C111)	500x500x50 H	C 113	
	GLASS SUPPORT	6x6 Glass Ø 72 mm (C111)	500x500x50 H	C 114	
	PLATE BASKET	18 Plates	500x500x105 H	C 40	
	GASTRONORM TRAYS BASKET	6 pcs max depth 25mm	500x500x105 H	C 43/B	
	CUTLERY BASKET	Standard (2 pcs)	Ø 120x120 H	15060	
	WATER SOFTENER	12 l	Ø 200x500 H	D 1	
	AUTOMATIC WATER SOFTENER	12 l (max 800 l)	315x510x685 H	D 2	
	OSMOSIS	230 V 50 Hz - 250 W 5° C - 30° C Flow rate 240 l/h Not suitable for machine with integrated water softener Special basket dotation	270x411x451 H 18 Kg	OS 240	

	Description	Capacity	Dimensions	Code
	SHELF	Only for exit	600x510	T 10
	TABLE		650x510x860 H	T 28
	HOOD CONNECTION SHELF			KIT DUO
	CORNER TABLE		590x590x860 H	A 10
	TABLE		700x590x860 H	T 34 A
			1200x590x860 H	T 34 B
			1200x590x860 H	T 35
		Sink 500x400x270 H	1200x730x860 H	T 50
			1200x730x860 H	T 50 F
			1200x730x860 H	T 55
		Sink 500x400x270 H	1500x730x860 H	T 80
			1500x730x860 H	T 80 E
			1800x730x860 H	T 90
	SHELF		1515x620x660 H	M 16*
	GRADING TABLE WITH RUBBER RING	Waste hole and special dimensions upon request	2315x620x660 H	M 24*
			1600x1000x850 H	TC 16*
			2400x1000x850 H	TC 24*
	FLEXIBLE SHOWER complete with mixing group and lever tap, to be fixed to the wall		1000 H	D 01
			FLEXIBLE SHOWER complete with mixing group and lever tap, to be fixed to the wall and intermediate tap	1000 H
	STAINLESS STEEL WASTE BIN	Basic model	Ø 400x570 H	P 01
		With wheels	Ø 400x570 H	P 02
		With wheels and	Ø 400x570 H	P 03

* Wooden cage +2% minimum + €

Special dimensions for tables upon request

Tables shown in right-to-left version



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