

PROFESSIONAL EQUIPMENT

INTERACTIVE
CATALOGUE



THE LATEST TECHNOLOGY FOR LAUNDRY PROFESSIONALS



By
 **DANUBE**

Professional high spin washer extractors are the ideal machines for small collectivities such as apartments, small hotels, schools or businesses like hairdressers, etc. Small capacity models, offer top quality and excellent results thanks to their design and latest technology.

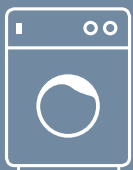
New 8 and 10 kg washers and dryers will represent a revolution regarding the industrial components and features that make them stand out from the rest of professional models in the market.

The EASY TOUCH 2 control with a 4.3" touch screen offers many features allowing significant savings and high performance compared to equivalent models on the market.



LIGHT USE

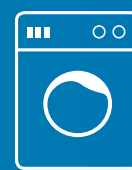
HOME APPLIANCE



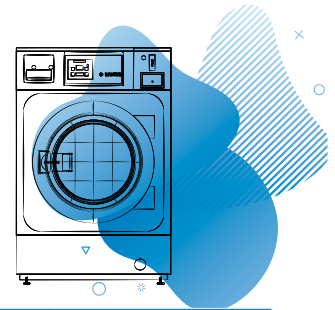
HEAVY USE

PROFESSIONAL

INDUSTRIAL



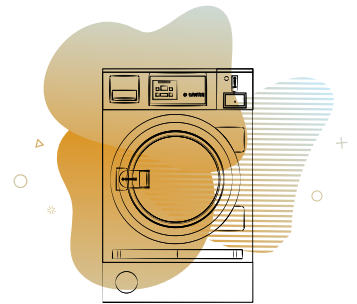
RANGE OF MODELS



PROFESSIONAL WASHER EXTRACTORS

WPR - HIGH SPIN - G FACTOR 450

PROFESSIONAL WASHERS		CAPACITIES			
CONTROL TYPE	HEATING	8 kg		10 kg	
		VALVE	PUMP	VALVE	PUMP
EASY TOUCH 2 microprocessor	Electric Hot water	WPR-8 ET2 E V WPR-8 ET2 HW V	WPR-8 ET2 E P WPR-8 ET2 HW P	WPR-10 ET2 E V WPR-10 ET2 HW V	WPR-10 ET2 E P WPR-10 ET2 HW P



PROFESSIONAL DRYERS

DPR - TUMBLE DRYERS

PROFESSIONAL DRYERS		CAPACITIES	
CONTROL TYPE	HEATING	8 kg	10 kg
		EASY TOUCH 2 microprocessor	Electric
EASY TOUCH 2 microprocessor	Gas	DPR-8 G ET2	DPR-10 G ET2
EM electronic control	Electric	DPR-8 E EM	DPR-10 E EM
EM electronic control	Gas	DPR-8 G EM	DPR-10 G EM
EM electronic control	Electric		DPR-10 E BASIC EM III
EM electronic control	Electric		DPR-10 E BASIC EM I
EM electronic control	Gas		DPR-10 G BASIC EM
NEW EASY TOUCH 2 microprocessor	Heat Pump	DPR-8 HPi ET2	DPR-10 HPi ET2

DRAIN CODES: V = VALVE, P = PUMP
HEATING CODES: E = ELECTRIC, HW = HOT WATER, G = GAS

Note: all models can be easily converted to coin mode with a coin kit or central pay, see coin section.

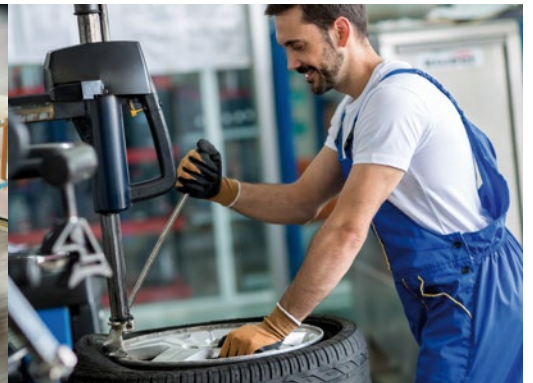
SPA



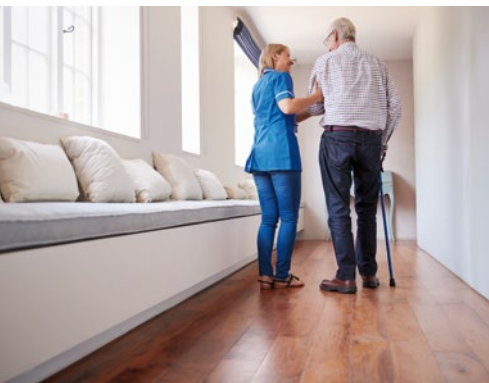
NURSERIES



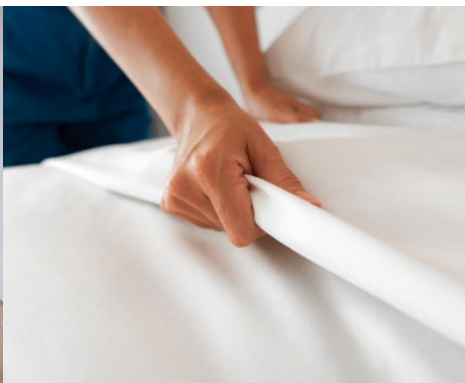
SMALL INDUSTRIES



CARE HOMES



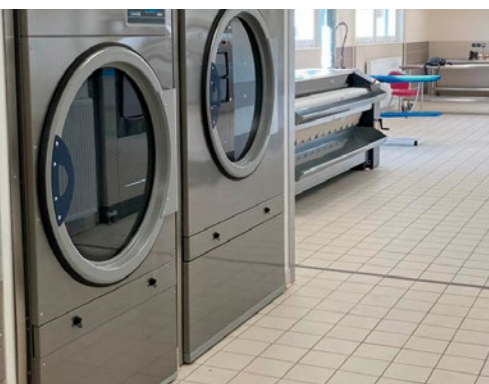
BED & BREAKFAST



FACILITY SERVICES (MOPS)



WET CLEANING



LABORATORIES



CLINICS



DESIGNED
FOR YOUR BUSINESS

MOBILE BOX



SCHOOLS & UNIVERSITIES



HOSTELS



COMMUNITIES



APARTMENTS



CAMPINGS



COIN LAUNDRIES



DESIGNED
FOR YOUR BUSINESS



12:00
CURRENT PROGRAM NAME
30°
EASY TOUCH
DANUBE
www.danube-international.com

DANUBE

WASHER EXTRACTORS

WPR 8 ET2 - WPR 10 ET2



The new Professional Washers by Danube represent a revolution thanks to their advanced technology and varied industrial characteristics, that are organized and summarized into 4 main attributes.

- ✓ High spin washer extractor soft mounted.
- ✓ G Force 450.
- ✓ Grey skinplate body. Stainless steel drum and tub.
- ✓ Detergent dispenser with 4 compartments. Possibility to have the detergent box on the top as option.
- ✓ 8 signals for automatic liquid dosing, programmable in time and delay.
- ✓ 2 water inlets (hot and cold).
- ✓ Electronic control of imbalance with frequency inverter, that detects the unbalanced load before spinning. Standard frequency: 50 - 60 Hz.
- ✓ Microprocessor EASY TOUCH 2 with 4,3" touch screen.
- ✓ Danube Online communication standard - free and easy connection to IoT
- ✓ 20 preset programs.
- ✓ USB connection: possibility of programming, exporting and importing programs and updating software.
- ✓ Telemetry standard: All washing process (temperatures, water levels) is stored in the washer and can be extracted to a PC by means of a USB drive.
- ✓ WET CLEANING standard in the microprocessor: fully adjustable water levels and washing speed for delicate linen.
- ✓ OPTIMAL LOADING standard to optimize water and chemicals consumptions.
- ✓ LOADING AID feature with water and rotation control for easy loading of the linen.
- ✓ Model with drain valve and model with drain pump.
- ✓ Valve models especially designed for washing mops.
- ✓ OPL models easily transformable in self-service version.
- ✓ Leveling feet included.
- ✓ CE and WRAS approved.

HIGH PERFORMANCE

DANUBE online

- ✔ IoT connection is free and easy, standard in all the ranges with ET2 control
- ✔ Allows to receive information via the cloud on your mobile about telemetry and statistics for a good analysis and to ensure MAXIMUM HYGIENE.

Low consumption

A standard washing program consumes less than 7 liters of water per kg and cycle (60°C standard program)

WATCH VIDEO

Automatic water mixer

Precise mixing of different water temperatures, thanks to an accurate temperature sensor on the drum.

ADVANTAGES

- ✔ Energy savings.
- ✔ Reduced Washing Time.

Optimal loading

Automatic adjustment of water and soap consumptions as well as energy savings according to the load, which is measured by the washer. Possibility to indicate manually, loaded weight.

ADVANTAGES

- ✔ Energy savings.
- ✔ Water savings.
- ✔ Chemical savings.

Telemetry

All washing process (temperatures, water levels) is stored in the washing machine and removable to a PC via an USB drive or via the IoT - Danube Online

ADVANTAGES

- ✔ Maintains customer's trust and confidence.
- ✔ Data for liability claim protection.
- ✔ Data integrity.
- ✔ Responds quickly in case any malfunction.

Certificates and homologations

WRAS approvals (UK), ETL certificate (USA and Canada), CE., EAC.

Soap dosing system

Water ducts, as well as easy detergent connection comply with the WRAS certification. Rear connections for automatic liquid dosing. Up to 8 dosing signals (option 6 extra signals).

ADVANTAGES

- ✔ Accurate dosing (time and delay).
- ✔ Up to 14 dosing signals.

Imbalance detection System

Through the frequency inverter, the washing machines detect the load imbalance prematurely, to perform the best extraction.

ADVANTAGES

- ✔ Operation is much smoother, making components long-lasting.
- ✔ Reduced Washing Time.
- ✔ Energy savings.

Options

- ✔ **Double drain kit:** Allows the recovery of water, with important savings.
- ✔ **Drain pump kit:** Helps to drain water in cases when the drain is in an upper position than the floor.
- ✔ **Normally closed valve:** In case of any electric failure, water will be held inside the drum.
- ✔ **Maritime voltage (440-480/III/50-60 Hz/no neutral):** Most of washer models are ready to be installed on a vessel or oil rigs.
- ✔ **6 extra signals for liquid dosing:** Up to 14 dosing signals.
- ✔ **Silicone gasket on door:** Ideal for oily spots.
- ✔ **Reversible door:** Allows to adjust the opening sense of the door as desired or needed.
- ✔ **Automatic unlock device:** Allows to open washer door in case of electric failure.
- ✔ **Stainless steel AISI-304 outer casing:**
 - Elegant look.
 - Increased resistance to external agents.
 - Avoids corrosion problems.
 - Lengthens the washer lifetime.
 - Better quality.

Accessories

- ✔ **Plinth for better ergonomics.**
- ✔ **Plinth for mops (filter included)**
Only available for valve models:
 - Special washing programs for mops.
 - Plinth-Base for filtering after drainage.
- ✔ **Plinth for water recovery (tank included)**



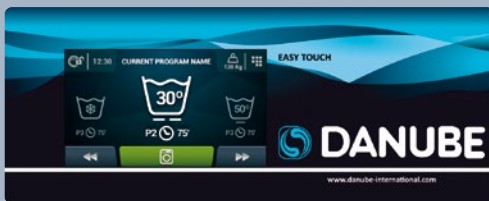
4 ATTRIBUTES By



FEATURES

User-friendly and totally programmable 4,3" EASY TOUCH 2
8 dosing signals as standard.
USB Connection. Free software online for programming, telemetry, data analysis.
Danube Online communication standard - free and easy connection to IoT.
Multi-payable systems.
Videos shown on display (very useful for self-service).
Short Washing cycles (Heating Power 6 kW).
Telemetry standard.
Wet Cleaning ready: equipped with all features to use Wet Cleaning programs.

Optional: Silicone gasket, delayed opening in case of electric power cut, normally closed drain, ship voltage...



ROBUSTNESS

Robust aluminium door.
Stainless Steel AISI-304 inner drum.
Stainless Steel AISI-304 outer drum.
Stainless Steel AISI-304 ribs.
No inner drum seal. Easy to repair, clean, more industrial, etc...
Industrial house bearing and bearings (Up to 20.000 working hours).
 Same **motor** and **inverter** as industrial washer.
Industrial door lock system.
 Skinplate panels.

Optional: Stainless Steel AISI-304 panels.



EFFICIENCY



Intelligent loading system.
Optimal loading: manual indication of load weight.
Plinth for mops (filter included) (only valve models).
Plinth for water recovery (with tank).
High G Factor 450. Reduced residual moisture and drying time.
Low water consumption: less than 7 lt/kg and cycle (60°C standard cycle)



Plinth for mops



Plinth for water recovery



VERSATILITY

OPL <> COIN
 Standard model easily convertible.
SINGLE <> STACKED
 Standard model easily stackable with a dryer.
ELECTRIC <> HOT WATER
 Standard electric model easily convertible to hot water model.
DRAIN VALVE <> PUMP
 Standard model easily convertible. Easy access and service.
Suitable for many sectors:
 Restaurants / Gyms / Campings
 Mop Cleaning / Apartments
 Coin laundries / Dry cleaners / Nurseries



PROGRAM SELECTION
40°C
60°C
90°C
EASY TOUCH
DANUBE
www.danube-international.com

DANUBE

TUMBLE DRYERS

DPR 8 ET2 - DPR 10 ET2
 DPR 8 EM - DPR 10 EM
 DPR 10 BASIC EM
 DPR 8 HPI ET2 - DPR 10 HPI ET2



The new Professional Dryers by Danube couple perfectly with our washers as they offer a series of industrial, versatile, robust and efficient features that guarantee a highly competitive tumble dryer in terms of offering a most efficient drying cycle....



Basic version

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Two available controls:
 - ET2 microprocessor, user friendly and fully programmable
 - EM programmer: electronic control with selection of time and temperature

.....

- ✓ Heavy professional tumble dryers 8 and 10 kg.
- ✓ Sturdy construction, grey skinplate panels.
- ✓ Axial airflow.
- ✓ Industrial aluminium door and large diameter.
- ✓ ET2 microprocessor models, 4,3" touch screen, programmable. Convertible for coin.
- ✓ Danube Online communication standard - Free and easy connection to IoT (ET2 control).
- ✓ USB port with ET2 models to program, import, export, manage and monitor.
- ✓ Electronic EM programmer models, also convertible for coin.
- ✓ Versatile machine, same model for coin and OPL.
- ✓ Stackable on top of the WPR washer or another DPR dryer, with controls at the bottom of the dryer, between both drums.
- ✓ Wide fluff filter drawer, not in the door.
- ✓ Electric heating with two possible configurations: 4.5 or 6.75 kw. (except BASIC; 4,5 kw only)
- ✓ Gas heated models.
- ✓ New heat pump models with ET2 control.
- ✓ Easy access to components for easy maintenance.
- ✓ Voltage 230V I.

HIGH PERFORMANCE

Controls

Microprocessor EASY TOUCH 2 user friendly and fully programmable with a 4,3" touch screen.

EM Programmer: selection of time and temperature, user-friendly and versatile (OPL or coin laundry version).



Axial airflow

It increases the efficiency of all drying process, thanks to the airflow inside the drum.

USB Port

Possibility of programming, exporting and importing new programs (by USB port).

Certificates

CE certificate.

Fluff filter

The filter is a drawer, not in the same door. More efficiency in drying. Better ergonomics: easy to clean.



DANUBE ONLINE

- ✔ IoT connection is free and easy, standard in all the ranges with ET2 control
- ✔ Allows to receive information via the cloud on your mobile about telemetry and statistics for a good analysis and to ensure MAXIMUM HYGIENE.

Telemetry

All drying process is stored in the dryer and removable to a PC via an USB drive or via the IoT - Danube Online

ADVANTAGES

- ✔ Maintains customer's trust and confidence.
- ✔ Data for liability claim protection.
- ✔ Data integrity.
- ✔ Responds quickly in case any malfunction..

Outer casing

Grey skinplate panels, stainless steel look. Elegant look. Stamped front and side panels (except BASIC models).

Stackable washer and dryer

The dryers can be stacked on top of a washer or another dryer.



Options

- ✔ Model transformable to coin laundry version.
- ✔ Stackable on top of a WPR washer or on another DPR dryer, with control panels between both drums.
- ✔ AISI 304 stainless steel panels.
- ✔ CARE DRY humidity control in ET2 model.

WATCH VIDEO

- ✔ Plinth for better ergonomics..
- ✔ Other voltages and frequencies



 **DANUBE**
online

4 ATTRIBUTES By

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FEATURES

Two available controls:

- **EASY TOUCH 2** : User friendly and totally programmable microprocessor with 4,3" touch screen.
- **EM electronic control**: simple and easy, selection of time and temperature.

Danube Online communication standard (ET2) - free and easy connection to IoT.

OPL or self-service use for both versions.

USB connection.

Reduced drying times (less than 45 mn) : 6,75 kw heating, option 4,5 kw.

(except Basic model : 4,5 kw only).



ROBUSTNESS

Robust door made in aluminium.

Higher airflow m³/h and big air pressure.

Fluff filter not in the door but specific drawer.

Skinplate outer casing. (except BASIC, white lacquered panels).

Industrial fan.

Optional :

Stainless steel panels.



EFFICIENCY

- New range with heat pump models.
- **CARE DRY**: humidity control as option (ET2 models).
- Improved airflow system.
- Big fluff filter easy to clean.
- Efficient design and construction.



VERSATILITY

OPL < > COIN

Standard model easily transformable.

SINGLE < > STACKED

Standard model easily stackable with a washer or another dryer.

Reversible control panel.

Suitable for many sectors :

Restaurants,
Gyms,
Camping,
Mop Cleaning,
Kinder Gardens...

HEAT PUMP DRYERS

The DANUBE range of heat pump dryers offer high level of performance and efficiency.

Versatility

Suitable for a large variety of businesses.

Multiple uses and options:

- ✔ OPL laundries (SPA, hairdressers and many other small businesses).
- ✔ Coin-operated laundries.
- ✔ Wet Cleaning laundries
- ✔ Easy to transform for any sector.

Easy use

- ✔ Ergonomics.
- ✔ Short drying time.
- ✔ Standard reversing drum .
- ✔ Standard CARE DRY humidity control.
- ✔ Wide ambient temperature range to operate: 6°C up to 46°C.

Easy installation

Without external extraction

- ✔ the HP professional and industrial dryers don't need an external extraction
- ✔ they don't need water to refrigerate

Compact dimensions:

- ✔ exchanger located in the plinth

Low consumption:

- ✔ A heat pump dryer uses 1/5 of the kW used in an electric heated industrial dryer
- ✔ Multivoltage 230/400V 50/60 Hz

Easy maintenance

Easy front access to the heat pump

- ✔ in the plinth
- ✔ no need of water to refrigerate, without maintenance
- ✔ type of gas 410A



Efficiency Gold

The most efficient range in terms of consumption and installed power

Less installed power

- ✔ Heat pump dryers consume 1/5 of the installed power compared to an electric one.

Efficiency

- ✔ They use less than 0.5 kW/liter of water evaporated

Optimized cycle time

- ✔ professional dryer
(Full load 100 % cotton towels 45 % residual moisture)



WATCH
VIDEO



WASHER EXTRACTORS TECHNICAL DATA

	UNIT.	WPR8 V	WPR8 P	WPR10 V	WPR10 P
DRUM					
Load capacity 1:9 / 1:10	Kg	9/8	9/8	11/10	11/10
Volume	l	80	80	100	100
Diameter	mm	532	532	532	532
Depth	mm	360	360	425	425
GENERAL DETAILS					
Washing speed / Spining speed	t/mn	50/ 1.250	50/ 1.250	50/ 1.250	50/ 1.250
G Factor	-	450	450	450	450
Self-service version	-	Yes	Yes	Yes	Yes
Double drain	-	Yes	No	Yes	No
Weighing system / tilting system	-	No	No	No	No
DOOR					
Height center door / Height base door	mm	537/280	537/280	537/280	537/280
Diameter	mm	373	373	373	373
DYNAMIC FORCE					
Static Load	KN	0,14	0,14	0,15	0,15
Maximum Dynamic load	KN	1,47 ± 0,53	1,47 ± 0,53	1,57 ± 0,53	1,57 ± 0,53
Vertical maximum load	KN	0,64	0,64	0,75	0,75
Frequency of dynamic load	Hz	18,33	18,33	18,33	18,33
POWER					
Motor	kW	0,75	0,75	0,75	0,75
Electric heating	kW	6	6	6	6
Hot water heating	kW	0	0	0	0
Max. power electric model	kW	6,25	6,25	6,25	6,25
Max. power HW model	kW	0,75	0,75	0,75	0,75
CONNECTIONS					
Water inlet	inch	3/4"	3/4"	3/4"	3/4"
Drain	inch	2"	1" (Pump)	2"	1" (Pump)
DIMENSIONS - PACKING DIMENSIONS					
Width	mm	680/710	680/710	680/710	680/710
Depth	mm	698/832	698/832	742/832	742/832
Height	mm	1.040/1.130	1.040/1.130	1.040/1.130	1.040/1.130
Net weight / Gross weight	kg	140/150	140/150	150/160	150/160

DRYERS TECHNICAL DATA

			NEW		NEW	
	UNIT.	DPR-8	DPR-10	DPR-10 BASIC	DPR-8 HPI ET2	DPR-10 HPI ET2
DRUM						
Load capacity 1:20	Kg	8	10	10	8	10
Volume	l	160	200	200	160	200
Diameter	mm	590	590	590	590	590
Depth	mm	585	690	690	585	690
GENERAL DETAILS						
EASY TOUCH 2	-	Touch screen 4,3"	Touch screen 4,3"	No	Touch sreen 4,3"	Touch sreen 4,3"
USB connection (ET2 models only)	-	Yes	Yes	No	Yes	Yes
EM control	-	Electronic	Electronic	Electronic	No	No
Construction	-	Skinplate panels	Skinplate panels	White painted panels	Skinplate panels	Skinplate panels
Plinth	-	OPT	OPT	N/A	HP	HP
Self-service version	-	Yes	Yes	Yes	Yes	Yes
Noise level	dB	62	62	62	61	61
DOOR						
Height center door	mm	554	554	554	918	918
Height base door	mm	320	320	320	684	684
Ø Diameter Door	mm	480	480	480	480	480
POWER						
Motor	kW	0,37	0,37	0,37	0,37	0,37
Electric heating	kW	4,5 / 6,75	4,5 / 6,75	4,5	No	No
Gas heating	kW	7	7	7	No	No
CONNECTIONS						
Ø Exhaust	mm	100	100	100	No	No
Airflow	m ³ /h	300	300	300	No	No
DIMENSIONS - PACKING DIMENSIONS						
Width	mm	680/710	680/710	680/710	680/710	680/710
Depth	mm	722/832	775/832	775/832	722/832	775/832
Height	mm	1.056/1.141	1.056/1.141	1.056/1.141	1.408/1.520	1.408/1.520
Net weight / Gross weight	kg	89/101	93/104	93/104	245/260	250/265

* DANUBE reserves the right to modify the technical data without notice.