



COMMERCIAL LAUNDRY EQUIPMENT

BARRIER WASHER EXTRACTORS

UHM 016 - UHM 022 - UHM 027 - UHM 033 - UHM 049 - UHM 067 - UHM 090



SERIOUS ABOUT LAUNDRY.

BARRIER CONCEPT:

Reducing the risk of infections in hospital & health care environments

Hospital & health care environments are nowadays faced with an increasing threat of microbiological contaminations, the so called 'hospital acquired infections' (HAI). These environments all count numerous places where the risk of transmitting microbiological contamination is high. The interrelation of these places simplifies the spread of bacteria.

This risk also affects the laundry process. Bacteria coming from soiled linen through air, hands or human contact during improper handling or processing of laundry are an important cause of infection. Therefore, hospital & health care environments need to take preventive measures in order to avoid microbiological contamination in the laundry process.

The UHM-range of barrier washer extractors offers a solution for this threat as it considerably reduces the risk of recontamination or cross contamination thanks to its 'dual door' design. The barrier washer extractors are built 'in' a physical wall separating the loading & unloading side. This set-up ensures an optimal sanitation and avoids contact between clean, disinfected laundry & soiled, contaminated linen.



WHAT ARE HOSPITAL-ACQUIRED INFECTIONS?

Hospital acquired infections (HAI) or 'nosocomial' infections affect patients during their stay in hospital. One of the most recurrent pathogens that occur with these infections is MRSA or methicillin resistant *Staphylococcus aureus*. The term MRSA is used to describe organisms that are resistant to commonly used antibiotics. Currently MRSA contaminations are on the rise in hospital & health care institutions, resulting in a greater risk of mortality and significantly higher treatment costs for patients with surgical site infections. Taking measures in the laundry process to reduce the risk of MRSA is therefore an absolute necessity.

Model
UHM016
UHM022
UHM027
UHM033
UHM049
UHM067
UHM090

03

Microcontrol



- User-friendly microprocessor
- 5 standard programmes
- Possibility to programme up to 25 extra programmes
- Easy understandable & programmable
- Indication of water level, remaining cycle time and T°
- Possibility to install a password in order to avoid unwanted use
- Possibility to programme a delayed start of the programme
- End-of-cycle signal
- Print board (7 different signals) for liquid soap connections (optionally available)

04

Top safety features



- New concept for locking of the drum
 - Easy handling
 - Improved safety
 - Ergonomic
- Emergency switch
- Automatic blocking of the outer drum while loading & unloading
- Overflow control

05

Easy installation & service

- Connections for water, heating & electricity are built on top of the washer
- Drain valve
- Components are easily accessible thanks to the removable frame & panels

06

Energy saving features

- Minimal water consumption thanks to:
 - Design of the outer tub
 - Space between inner & outer tub
 - Automatic control of the water level
- Less water consumption results in a shorter cycle and a reduced use of detergent
- Minimal use of energy thanks to an excellent heating surface due to the positioning of the heating elements
- Aquamix system: continuous process of mixing hot and cold water in function of the desired temperature.

This results in:

- Possibility to select the ideal temperature, heating time and cooling time
- Display of the remaining time for a better workflow efficiency
- One-touch cycle repeat when the next load is identical to the previous
- Anti-wrinkle mode at the end of each cycle



UHM

Barrier washer extractors

01

UHM016 – 022

- UHM016: 16kg capacity
- UHM022: 22kg capacity
- Very compact dimensions
 - The most compact barrier washers on the market
- Large doors for easy handling of the linen
- Extraction of 1.000 rpm
- Heating options: electric or steam

02

Top quality features

- New concept for closure of the door
 - Easy handling
 - Ergonomic
- Automatic positioning of the drum
- Large door opening
 - Easy loading & unloading of the linen
- Efficient washing performance & excellent extraction
 - Larger diameter of the drum
 - Large inner drum enabling an excellent mechanical action
 - High spin extraction of 750 rpm (UHM090), 900 rpm (UHM049 & 067) and 1.000 rpm (UHM016 till UHM033)
- Available with electric, steam or gas heating
- Choice of liquid detergent or powder (4 compartments)



		UHM016	UHM022	UHM027	UHM033	UHM049	UHM067	UHM090
Drum	Capacity 1/10 (kg)	16	22	27	33	49	67	90
	Volume (L)	158	220	268	329	489	667	900
	Diameter (mm)	633	633	800	800	800	800	1050
	Depth (mm)	500	700	534	654	974	1347	1032
	Construction: stainless steel 304L	standard	standard	standard	standard	standard	standard	standard
	Opening W x H (mm)	400 x 310	400 x 310	450 x 320	450 x 320	450 x 320	450 x 320	500 x 900
	Number of compartments	1	1	1	1	1	2	2
Tub (basket)	Construction: stainless steel 304L	standard	standard	standard	standard	standard	standard	standard
Door	Height (mm)	400	400	450	450	450	450	500
	Width (mm)	310	310	310	310	310	310	900
Loading height	(mm)	670	670	750	750	750	750	960
Extraction speed	(rpm)	1000	1000	1000	1000	900	900	750
G-Force		361	361	440	440	360	360	325
Heating	Electric (power) (kW)	12	18	18	27	36	45	-
	Electric consumption (kW/h)	5,68	8,08	8,8	12,4	16,6	20,2	-
	Gas (power) (kW)	-	-	25	25	25	25	-
	Gas consumption (Natural Gas / 20mbar) (m³/h)	-	-	0,87	0,87	0,87	0,87	-
	Gas consumption (LPG Gas / 37mbar) (kg/h)	-	-	0,65	0,65	0,65	0,65	-
	Steam pressure (bar)	2 - 5	2 - 5	6 - 10	6 - 10	6 - 10	6 - 10	6 - 10
	Steam consumption (kg/h)	16,5	25	18	26	40	60	85
	Power motor (kW)	2,2	2,2	4	4	5,5	7,5	15
Noise level	(dB)	60	60	65	65	65	65	73
Water consumption	Prewash (L)	40	55	47	70	90	130	180
	Wash (L)	24	33	47	70	90	130	180
	Rinsing (L)	40	55	73	100	120	200	240
	Maximum (completed cycle) (L)	184	253	532	740	850	1000	1080
	per kg of linen (L)	11,5	11,5	12,8	12,8	12,8	12,8	12
Water inlets	# (cold)	1	1	1	1	1	1	1
	# (hot)	1	1	1	1	1	1	1
	# (soft)	1	1	optional	optional	optional	optional	optional
	Diameter (")	3/4	3/4	3/4	3/4	3/4	1	1" 1/4
Drain valve	#	1	1	1	1	1	1	2
	diameter (mm)	50	50	80	80	80	80	80
	flow drain (L/mn)	100	100	160	160	160	160	2 x 160
Weight	Net (kg)	429	450	880	1060	1300	1570	1800
	Gross (kg)	457	473	1220	1280	1520	1800	1860
Dimensions	Height (electric / steam) (mm)	1385	1385	1665	1665	1665	1665	2000
	Height (gas) (mm)	-	-	2318	2318	2318	2318	-
	Width (electric / steam) (mm)	980	1180	1172	1292	1612	1965	1680
	Width (gas) (mm)	-	-	1512	1632	1612	1965	-
	Depth (mm)	910	910	1053	1053	1053	1053	1345
Packing dimensions	Height (electric / steam) (mm)	1530	1551	1970	1970	1970	1970	2230
	Height (gas) (mm)	-	-	2450	2450	2450	2450	-
	Width (electric / steam) (mm)	1190	1350	1500	1625	1945	2295	1900
	Width (gas) (mm)	-	-	1755	1855	1945	1945	-
	Depth (mm)	1150	1100	1350	1350	1350	1350	1500

All specifications subject to change without notice



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For more detailed technical information
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