

Pullman barrier washer extractors

WPB4700H, WPB4900H, WPB41100H

Features and benefits

- Two compartment inner drum separated by a Pullman partition for the best ergonomics and mechanical action on the market
- Automatic inner drum positioning in loading or unloading position
- Automatic locking and unlocking of outer drum doors
- Largest doors on the market
- Unloading by gravity, the easiest and fastest of the market
- End of cycle sound and visual alarm for optimum productivity
- Intuitive programming control panel
 - 8 colour industrial touch screen
 - Smart card reader & writer
 - Electrolux unfolding menus
 - Choice of 14 languages
- Pneumatic suspensions for minimum vibrations
- Frequency control motor and Poly V belt for precise, consistent and silent rotation speeds
- 5 compartment soap box for manual supply or connection to automatic liquid system



Main options

- Colour display on unloading side for best process control and productivity
- Electrolux Integrated Weighing System for better ergonomics and productivity
- Integrated pH meter for a better performing traceability
- Automatic opening of inner drum doors at the end of the washing cycle
- Titration valve for bath sampling
- Stainless steel cover panels
- Clean room application
- Opening of loading outer door at 180° for semi automatic loading.
- Third water inlet
- Second drain valve for water recycling

Main specifications			WPB4700H		WPB4900H		WPB41100H	
Rated capacity,	filling factor 1:10	kg/lb	70/154		90/198		110/242	
	filling factor 1:13	kg/lb	54/118		69/152		84/184	
Drum	volume	litre/ft ³	690/24.4		890/31.4		1080/38.1	
	diameter	ø mm/inch	1050 / 41 5/16		1050 / 41 5/16		1050 / 41 5/16	
Extraction		rpm	720		720		720	
G-factor			300		300		300	
Heating alternatives	electricity	kW	54		72		72	
	steam		x		x		x	
Consumption data "Normal 65°C" typical wash cycle with pre-wash*			Electric	Steam	Electric	Steam	Electric	Steam
Water consumption (cold)		litre/gallon	990/262	990/262	1190/314	1190/314	1490/394	1490/394
Energy consumption (motor/heating)*		kWh/h	1.86/15	1.86	2.3/22	2.3	2.4/26	2.4
Steam consumption		kg	-	24	-	32	-	36
Compressed air consumption		litre/gallon	50/13	50/13	50/13	50/13	50/13	50/13
<small>* Typical cycle (filling 1/10) prewash 3 mn 35°C, drain 2 mn, main wash 4 mn 65°C, drain 2 mn, rinse 2 mn distribution 2 min, rinse 2 min, extraction 2 mn, rinse 2 mn, extraction 10 mn (cold water temperature 15°C).</small>								

Electrical connections*		WPB4700H	WPB4900H	WPB41100H
Heating Voltage				
Electric	380-415V 3 AC 50/60 Hz kW(A)	65.7 (125)	87.7 (160)	91 (160)
Steam or non-heated	380-415V 3 AC 50/60 Hz kW(A)	11.7 (40)	15.7 (40)	19 (50)
Water and steam connections				
Water valves	inch	1 1/4	1 1/4	1 1/4
Water pressure	psi	7-87	7-87	7-87
Capacity at 36 psi	l/min / gallon/min	200/52.8	200/52.8	200/52.8
Drain valve	ø mm/inch	110 / 4 5/16	110 / 4 5/16	110 / 4 5/16
Draining capacity	l/min / gallon/min	380/100.4	380/100.4	380/100.4
Steam valve	inch	1	1	1
Steam pressure	psi	45-90	45-90	45-90
Compressed air	inch	1/4 / 5/16	1/4 / 5/16	1/4 / 5/16
Compressed air pressure	psi	80-100	80-100	80-100
Sound levels				
Airborne sound level (washing/extraction)	dB(A)	64/83	64/83	67/83
Heat emission				
% of installed power	max	5	5	5
Shipping data				
Weight	net, kg/lbs	2600/5732	2800/6173	2900/6393
Dimensions in mm/inch				
A Width		1496 / 58 7/8	1726 / 67 15/16	1956 / 77
B Depth		1363 / 53 11/16	1363 / 53 11/16	1363 / 53 11/16
C Height		2040 / 80 5/16	2040 / 80 5/16	2040 / 80 5/16
D		990 / 39	990 / 39	990 / 39
E		240 / 9 7/16	240 / 9 7/16	240 / 9 7/16
F		965 / 38	1080 / 42 1/2	1195 / 47 1/16
G with 180° door opening option only		830 / 32 11/16	830 / 32 11/16	830 / 32 11/16
H with 180° door opening option only		2580 / 101 9/16	2580 / 101 9/16	2580 / 101 9/16
I		790 / 31 1/8	790 / 31 1/8	790 / 31 1/8
K		2075 / 81 11/16	2075 / 81 11/16	2075 / 81 11/16
1 Electrical connection	7 Liquid supply connection			
2 Cold water	8 Soap box			
3 Hot water	9 Compressed air			
4 Cold soft water	10 Loading/unloading door			
5 Steam connection	11 Control panel			
6 Drain	12 Vent connection			

