

Barrier Washer

WB6-50



Exceptional savings and effortless use



Priority on people

Certified ergonomic design with a human-centered approach for an outstanding user experience

- Compass Pro® controller with a user friendly interface to make the operator's life easy allowing 10 factory and 15 customized wash programs
- Automatic drum positioning / locking and Automatic door locking offering the best ergonomics and safety for the operators during the loading and unloading operations
- Large inner drum doors to make loading and unloading operations easier than ever



Global Advanced Hygiene

Protect your business and take care of your customers respecting the strict international hygiene standards

- Watchdog system to avoid cross contamination
- Flat design for an easy cleaning and prevent bacteria propagation



Outstanding productivity

Innovative features designed for lowest possible water, energy and detergent consumption, to save money and time, and embrace a sustainable lifestyle

- Programs optimized for lowest water, energy and detergent consumption
- High extraction force for efficient dewatering and savings during drying process
- Power Balance measures, corrects the unbalance and adjusts the G force in real time, maximizing the dewatering, saving money and time in the drying process
- Compatible with up to 13 detergent signals as standard to stand the most complicated wash programs



Pure control

Monitoring of the status of the equipment and performance from anywhere, allowing to take action to improve the business

- Washers connectable to OnE Laundry, the personal assistant for hygiene validation, process management and revenue management



Main options and accessories

- Efficient Dosing interface and pumps, ensures that the precise amount of chemicals will be added automatically according to the weight of the load, saving chemicals
- End of cycle alarm to save valuable process time
- Double display to better manage the process on the clean side of the laundry
- 4 compartments soap box to use liquid or powder detergents
- Stainless steel body to better stand aggressive environments
- Integrated Savings weighs the linen and adjusts the water level to the amount of linen, saving water and energy at less than full load. In addition it optimize the loading operations showing in real time the weight in the drum
- 3rd water inlet valve for soft water
- Automatic inner drum door opening (AIDO) at the end of the cycle for effortless and fast unloading operations
- Titration valve for water monitoring

Main specifications		WB6-50		
Rated capacity, filling factor 1:10	kg/lb	50 / 110		
Drum, volume	litre	500		
Drum, diameter	ø mm	920		
Extraction	rpm	825		
G-factor		350		
Heating alternatives, 380-400V	electricity, kW	36.0		
	steam, kg/h	24.5		
	gas, kW	40		
Consumption data¹		El	Steam	Gas
Total time	Min	44	41	44
Water consumption (cold)	litre	542	542	562
Energy consumption (motor/heating)	kWh	8.4	1.2	1.2
Steam consumption	kg	-	24.5	-
Gas consumption	kW	-	-	40
Compressed air consumption	litre	<10	<10	<10

1. With accordance to ISO 9398-4 Test cycle C.

Electrical connections					
Heating alternative	Main voltage	Hz	Heating power kW	Total power kW	Recommended fuse A
Electric heated	400-415V 3-	50/60	36	42	3 x 63
Steam heated	400-415V 3-	50/60	-	6	3 x 16
Gas heated	400-415V 3-	50/60	40	6	3 x 16
Non heated	400-415V 3-	50/60	-	6	3 x 16

Water, steam, gas and air connections		WB6-50
Water valves	DN	20
Water pressure	kPa	50-600
Capacity at 250 kPa	l/min	70
Drain valve	ø mm	75
Draining capacity	l/min	240
Steam valve	DN	20
Steam pressure	kPa	300-600
Gas valve	DN	20
Fumes exhaust	mm	60
Compressed air	mm	6/8
Compressed air pressure	kPa	450-600

Floor requirements	
Frequency of the dynamic force	Hz 13.75

Sound levels	
Sound power/pressure level at extraction ¹	
Wash	dB(A) 64
Extraction	dB(A) 83

Heat emission	
% of installed power, max	3

Shipping data ²	
Weight	net, kg 1170
Weight	gross, kg 1280
Shipping volume	m ³ 4.73

1. Control panel	9. Double drain
2. Loading door	10. Air vent connection
3. Detergent box	11. Electrical connection
4. Cold hard water	12. Compressed air connection
5. Hot water	13. Main switch
6. Cold soft water	14. Liquid detergent inlet
7. Steam connection	
8. Drain	

1. According to EN50571: 2013, annex CC.
2. Average data. Crated weight/shipping volume depends on configuration. Please contact logistics for exact measures.
Silver grey and dark blue color samples can be ordered on part number 472998313.

