

## BARRIER WASHER



### + DURABILITY

The BW Barrier Washer Series are built to last. Constructed of hot stripped welded steel profiles, they are built to withstand years of constant use.

### + HEATING: ELECTRIC, STEAM OR ELECTRIC + STEAM

Tailored to meet the needs of each client, BW Series models are available in three different modes of heating: electric, steam or electric and steam.

### + DISINFECTION, -CONTAMINATION

The one-way circulation flow (always forward) of the fabrics allows the separation between dirty and clean linen. It's impossible to open both doors at the same time which prevents the possibility of contamination.

### G FACTOR AND SUSPENSION

The suspension system absorbs the vibrations produced during the spinning process. Moreover, a very low residual humidity can be reached, generating energetic savings in the drying process.

### STURDINESS

The drum is made of stainless steel AISI-304 with perforated ribs that perform a water spray effect. The axis crosses the whole drum. The outer drum is 4-5mm thick, making it extremely solid and robust.

### DOOR LOCKING SYSTEM

The BW Series have an automatic door locking system with a safety mechanism. A two point lock with pneumatic cylinders provides a long machine life operation without maintenance.

### DRUM POSITIONING AND BRAKE

The rotation of the drum can be carried out automatically. This way, a perfect alignment between the internal and the external door can be ensured.

### CHEMICAL DISPENSER

All BW washing machines have 4 compartments for chemical inputs and can accept both liquid and powder products.

### ERGONOMICS

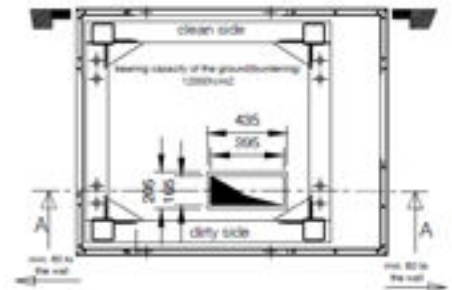
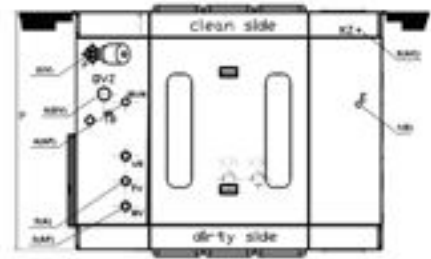
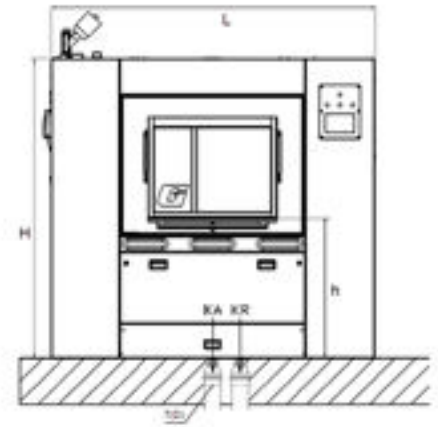
The door height along with the opening system provide the user great ergonomics when loading and unloading the linen. In addition, due to the compartmentalized drum one can easily work with loading a variety of different sizes.

### OPTIONS

- Multiple Capacities: BW160, BW260, BW380, BW450, BW700, BW900, BW1200, BW1400, BW1700, BW2000, BW2300
- Stainless Steel Covers (BW160 to BW450)
- 1 Extra Compartment (BW380 to BW1700)
- Pedestal Stainless Steel
- Fourth Water Inlet
- Second Drain
- 5-Inlets External Dosing
- Tap for Taking Samples
- Pneumatic Steam Valve (BW160 to BW900)
- Water Recycling System
- Automatic Weighing System (GXV)
- Second Display (GXV)
- HMSS (Hygiene Monitoring Software System)
- Other Voltages Available (contact Girbau for details)



		BW900 E	BW900 V	BW900 E+V
<b>General specifications</b>				
Capacity (1:10)	kg	90		
Capacity (1:9)	kg	100		
Drum volume	dm <sup>3</sup>	900		
Drum diameter	mm	1074		
Drum length	mm	1020		
Static force	kg	2480		
Sound Level	dB(A)	55-70		
Heat Emission	kW	2,3	6,0	
<b>Speeds</b>				
Wash Speed	rpm	35		
Extraction Speed	rpm	775		
G factor	-	361		
<b>Cold Water (AF)/ Hot Water (A)</b>				
Connection Ø	in	6/4		
Rec. Pressure	bar	2-6		
Flow at 4 bar	l/min	120		
Consumption- Cold water*	l/cycle	682		
Consumption- Hot water*	l/cycle	292		
Maximum Temperature	°C	80		
<b>Drainage (D)</b>				
Gravity drainage Ø	mm	150		
<b>Steam (V)</b>				
Heating connection	kW	-	200	
Connection Ø	in	-	6/4	
Recommended pressure	bar	-	3-8	
Flow	kg/h	-	315	
<b>External dosing (d)</b>				
Connection Ø	mm	8		
<b>Electric (E)</b>				
Electric connection	kW	86,8	11,8	86,8
Heating connection	kW	75	-	-
Tension	-	3x400V 50/60Hz	3x400V 50/60Hz	3x400V 50/60Hz
Motor power	kW	11		
Protection (ext. Switch)	A	160	40	160
<b>Air Outlet (EV)</b>				
Exhaust diameter	mm	76		
<b>Compressed Air (AC)</b>				
Connection Ø	DN	10		
Pressure	bar	6-10		
Peak Flow	l/min	12		
Consumption	l/h	20		
<b>Dimensions (without packaging)</b>				
Width (L)	mm	2100		
Depth (P)	mm	1420		
Height (H)	mm	1950		
Loading door opening (WxH)	mm	670x340		
Height door base to floor (h)	mm	950		
<b>Weight</b>				
Net	Kg	2410		
Gross	Kg	2545		
*Note: Consumptions based on main wash at 60°C and inlet water at 18°C. Depends on the program				



#### MACHINE LAYOUT

POS.	DESCRIPTION
1	(E) Electrical connection
2	(V) Steam connection
3	(AF) Cold water connection
4	(AF) Cold water - Soft- connection
5	(A) Hot water connection
6	(EV) Air outlet connection
7	(D) Drain connection
8	(AC) Compressed air connection

\* Specifications subject to change without notice or obligation.  
Contact Girbau for dimensions not shown or for clarification.