

NORMAL SPIN WASHER EXTRACTORS

WF 65

WF 75

WF 100

WF 135

WF 150

WF 165

WF 185

WF 235

WF 305



IPSO





WF 65 - 75 - 100 - 135 - 150 - 165 - 185 - 235 - 305

WF: Hard mount & standard inverter drive

- New range of standard inverter drive controlled hard mount washer extractors
- Normal spin speeds (80 - 90G)



Door

- Easy loading & unloading
- Over-dimensioned hinges
- Stainless steel with a matt finish
- Door handle: safe, ergonomic & comfortable



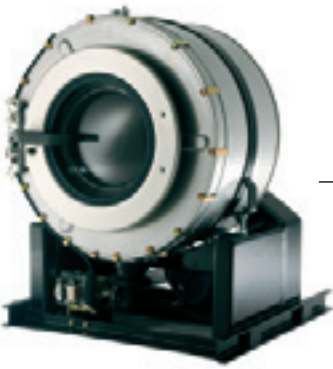
PVC connection

- Simple and efficient connection of the soap pumps

Connection from the soap box to the tub

- Connection at the back of the tub
- No aggressive detergents directly on the linen
- Less noise





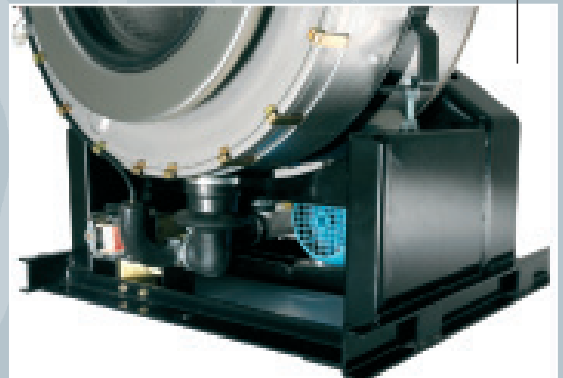
Famous A-frame construction

- Very solid construction
- Frame: made out of welded structural steel
- Conducts the vibrations straight into the ground & maximizes stability



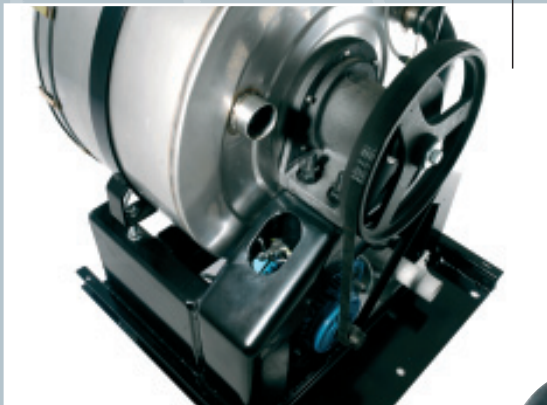
Drain valve in front directly under the tub

- Less water consumption
- Easily accessible from the front
- Self-cleaning water level hose



Poly V-belt: Unique concept:

- Elastic
- Self tensioning
- Easy to install/replace
- Longer life span
- Less noise



Heavy-duty bearing house

- Oversized industrial bearing house
- Single piece of cast iron
- Rigid support to the basket
- High quality industrial bearings
- Axial sealing made out of graphite: proven IPSO concept



Standard inverter drive

- Washing and spin speeds freely programmable
- Rotation and stop time freely programmable from 0,1 till 60 sec
- Low sound level
- Less unbalances
- Less current peaks
- ⇒ Longer life span of your IPSO washer extractor



WF 65 - 75 - 100 - 135 - 150 - 165 - 185 - 235 - 305



MICRO 20

- Easy to use
- Up to 99 programmes
- Temperature and water level freely programmable
- Time delay start-up feature

MICRO 20 coin

- Up to 20 programmes

SIGMA

- Same features as Micro 20
- Infra-red port: easy downloading of programmes from laptop
- Serial port RS 485: machines can be put in a network
- 1000 programmable sections divided over 100 programmes

SIGMA coin

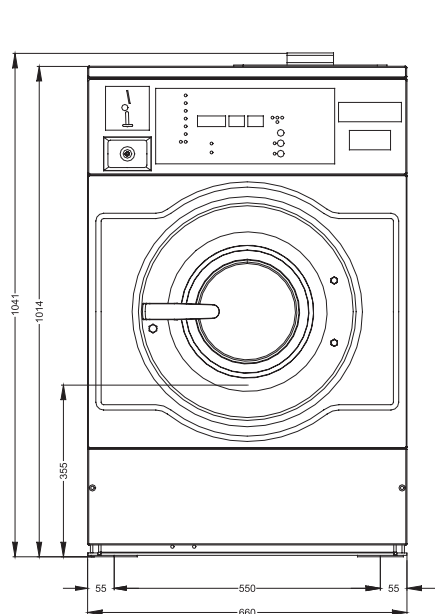
- Alarm can be activated



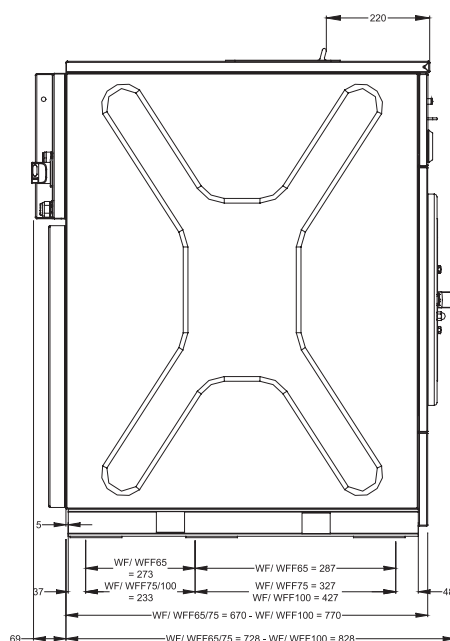
PS40

- Freely programmable
- 10 standard programmes
- 40 freely programmable wash programmes
- Temperature, water level, cycle time and rpm freely programmable
- Connection up to 12 pumps for liquid soap
- Control of 2 drain valves (option)
- Infra-red port facilitates the downloading of programmes

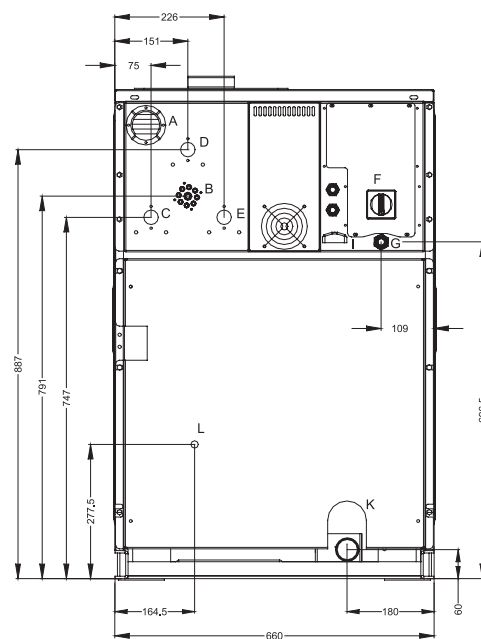
front view WF 65/75/100



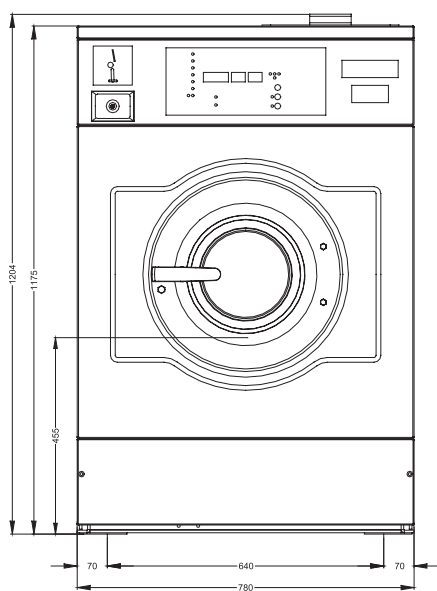
side view WF 65/75/100



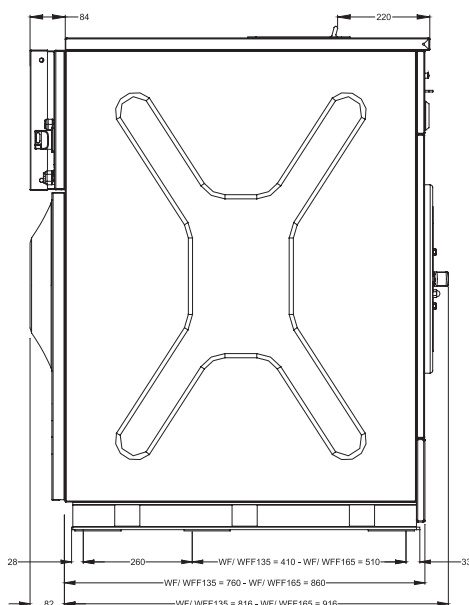
back view WF 65/75/100



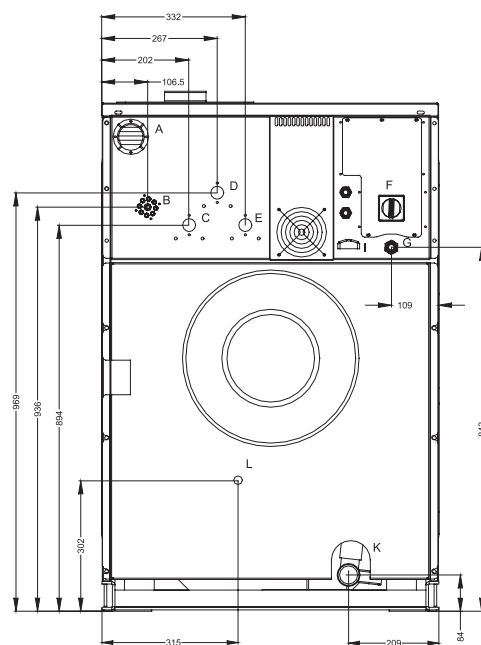
front view WF 135/165



side view WF 135/165



back view WF 135/165



A. Ventilation
B. Liquid soap connections
C. Hard water connection
D. Warm water connection

E. Soft water connection
F. Connection clamps
G. Electrical connection
H. Emergency button

I. Ventilation
J. Bolt pattern for fixation
K. Drain valve
L. Steam connection

TECHNICAL SPECIFICATIONS WF 65 · 75 · 100 · 135 · 165

		WF 65	WF 75	WF 100	WF 135	WF 165							
Cylinder	Capacity 1/9 (kg)	7,2	8,1	10,5	14,6	18,3							
	Capacity 1/10 (kg)	6,5	7,3	9,5	13,2	16,5							
	Volume (L)	65	73	95	132	165							
	Diameter (mm)	530	530	530	650	650							
	Depth (mm)	295	330	440	400	500							
	Perforations diam. (mm) **	3	3	3	3	3							
Door opening diam. (mm)		300	300	300	300	300							
Height under door (mm)		282	282	282	376,5	376,5							
Speed	Spin (rpm)	100 - 525	100 - 525	100 - 525	100 - 475	100 - 475							
	Wash (rpm)	10 - 50	10 - 50	10 - 50	10 - 50	10 - 50							
G-Force		82	82	82	82	82							
Kinetic energy of the cylinder (N/m)		528	592	770	1035	1294							
Dynamic bottom load (N/Hz)		867/8,75	1000/8,75	1333/8,75	1300/7,9	1700/7,9							
Power motor (kW)		0,37	0,37	0,37	0,75	0,75							
Water pressure (bar)		3 - 5	3 - 5	3 - 5	3 - 5	3 - 5							
Hot water temp (°C)		80	80	80	80	80							
Warm water need (boiler fed) (L/cycle)		55	65	80	120	120							
Diameter drain (mm) * * *		50 (2")	50 (2")	50 (2")	50 (2")	50 (2")							
Drain by gravity (L/min)		80	80	80	80	80							
Steam pressure (kg)		6 to 10	6 to 10	6 to 10	6 to 10	6 to 10							
Weight	Nett (kg)	174	181	200	280	298							
	Gross (kg)	192	196	209	293	310							
Dimensions	Height (mm)	1014	1014	1014	1175	1175							
	Width (mm)	660	660	660	780	780							
	Depth (mm)	670	670	770	760	860							
Packing dimensions	Height (mm)	1170	1170	1170	1350	1350							
	Width (mm)	730	730	730	850	850							
	Depth (mm)	840	840	950	950	1020							
	Volume (m³)	0,72	0,72	0,81	1,09	1,17							
Type of heating		POWER SUPPLY – FUSES											
		230V 3AC	230V 3AC	400V tri+N	230V 3AC	230V 3AC	400V tri+N	230V 3AC	230V 3AC	400V tri+N	230V 3AC	230V 3AC	400V tri+N
Boiler fed		6A		6A		6A		10A		10A			
Steam heating		6A		6A		6A		10A		10A			
Electrical heating	4,2 kW	16A	16A	16A	16A	16A	16A						
Electrical heating	6 kW	16A*	16A*	16A*	16A*	16A	16A						
Electrical heating	9 kW	25A	16A	25A	16A	25A*	16A*						
Electrical heating	12 kW			40A	20A	40A	20A	40A*	20A*	40A		20A	
Electrical heating	15 kW							50A	25A	50A		25A	
Electrical heating	18 kW							50A	32A	50A*		32A*	
Electrical heating	21 kW									40A		40A	
Electrical heating	24 kW									40A		40A	

All specifications subject to change without notice

* Standard heating

** 9 mm perforation diam. optionally available

*** Diameter drain 75 mm (3") optionally available from WF75 till WF185

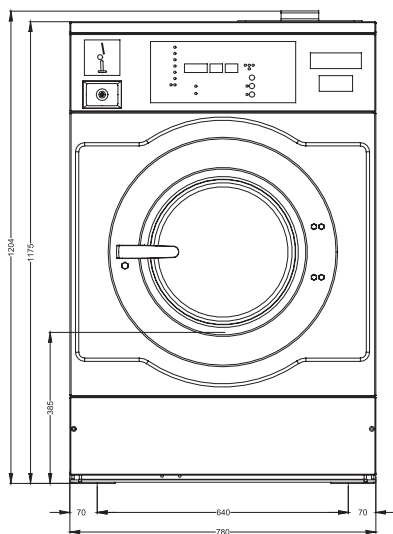
A. Ventilation
B. Liquid soap connections
C. Hard water connection
D. Warm water connection

E. Soft water connection
F. Connection clamps
G. Electrical connection
H. Emergency button

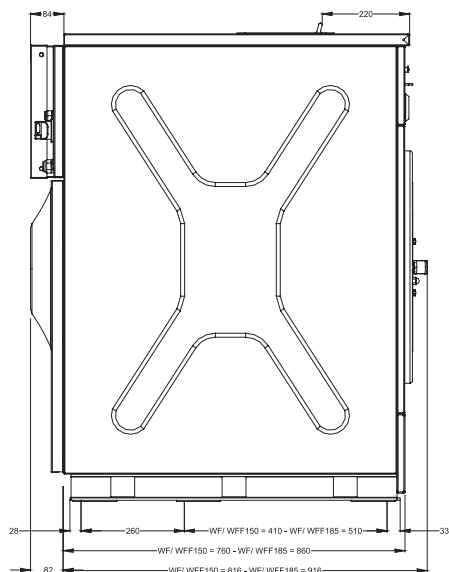
I. Ventilation
J. Bolt pattern for fixation
K. Drain valve
L. Steam connection

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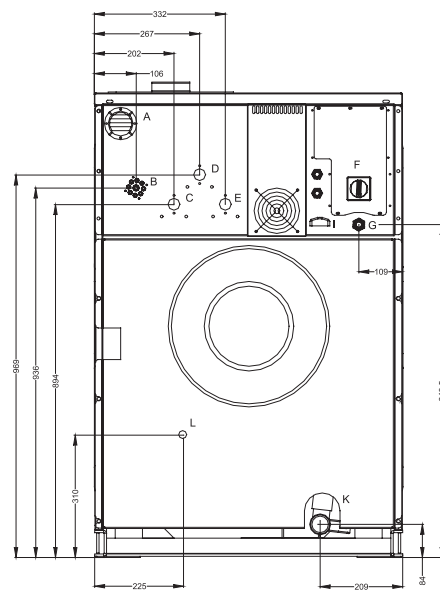
front view WF 150/185



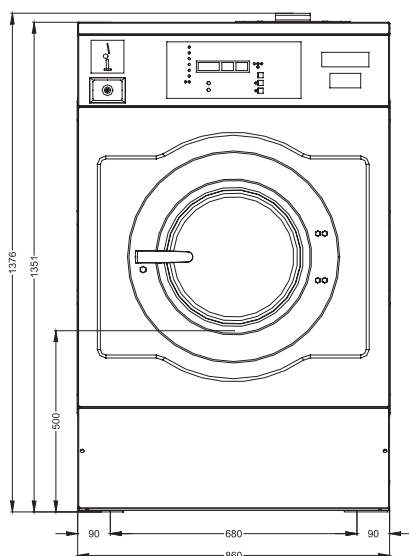
side view WF 150/185



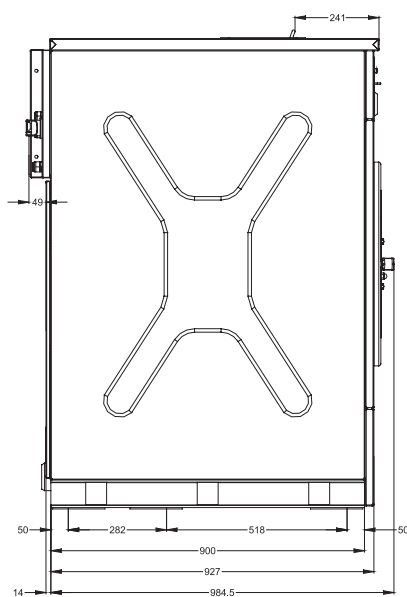
back view WF 150/185



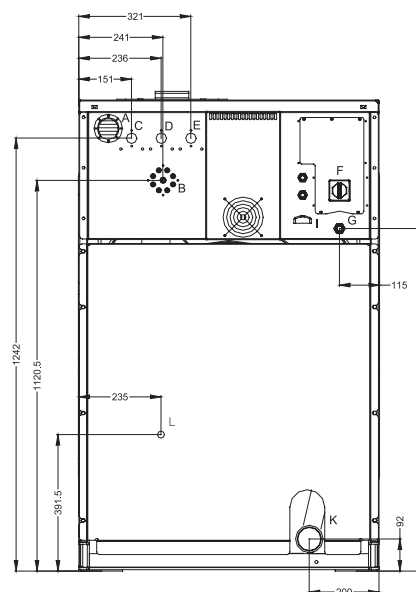
front view WF 235



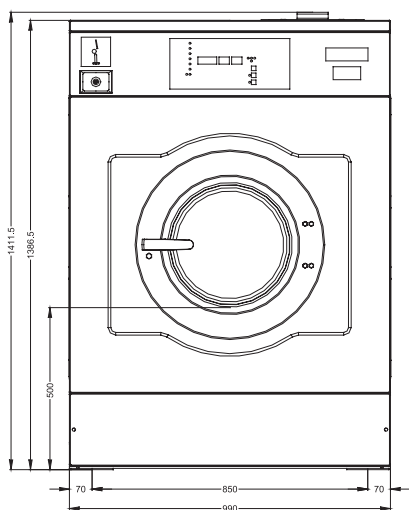
side view WF 235



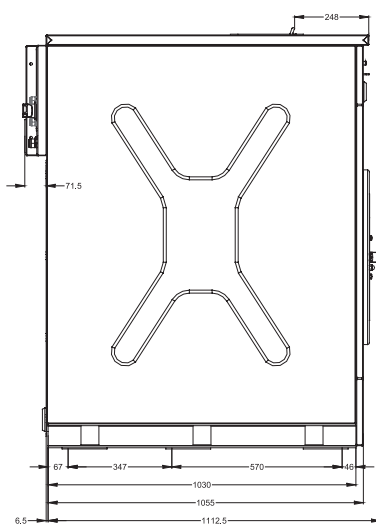
back view WF 235



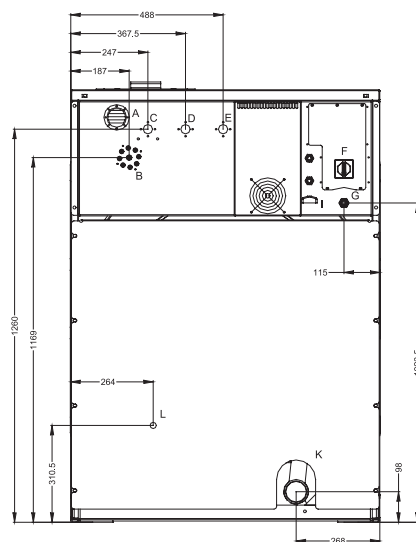
front view WF 305



side view WF 305



back view WF 305



TECHNICAL SPECIFICATIONS WF 150 - 185 - 235 - 305

		WF 150	WF 185	WF 235	WF 305						
Cylinder	Capacity 1/9 (kg)	16,1	20,1	26	33,7						
	Capacity 1/10 (kg)	14,5	18,1	23,4	30,4						
	Volume (L)	145	181	234	304						
	Diameter (mm)	680	680	750	850						
	Depth (mm)	400	500	530	537						
	Perforations diam. (mm) **	3	3	3	3						
Door opening diam. (mm)		400	400	400	400						
Height under door (mm)		297,4	297,4	411	401,5						
Speed	Spin (rpm)	100 - 465	100 - 465	100 - 445	100 - 415						
	Wash (rpm)	10 - 50	10 - 50	10 - 50	10 - 50						
G-Force		82	82	82	82						
Kinetic energy of the cylinder (N/m)		1237	1543	2305	2620						
Dynamic bottom load (N/Hz)		1622/7,75	2200/7,75	2600/7,4	3600/6,9						
Power motor (kW)		1,1	1,1	1,5	2,2						
Water pressure (bar)		3 - 5	3 - 5	3 - 5	3 - 5						
Hot water temp (°C)		80	80	80	80						
Warm water need (boiler fed) (L/cycle)		110	130	150	180						
Diameter drain (mm) * * *		50 (2")	50 (2")	75 (3")	75 (3")						
Drain by gravity (L/min)		160	160	160	160						
Steam pressure (kg)		6 to 10	6 to 10	6 to 10	6 to 10						
Weight	Nett (kg)	306	307	383	534						
	Gross (kg)	328	329	443	584						
Dimensions	Height (mm)	1175	1175	1351	1386						
	Width (mm)	780	780	860	990						
	Depth (mm)	760	860	927	1055						
Packing dimensions	Height (mm)	1350	1350	1550	1610						
	Width (mm)	850	850	970	1120						
	Depth (mm)	950	1020	1140	1300						
	Volume (m³)	1,09	1,17	1,71	2,34						
Type of heating		POWER SUPPLY – FUSES									
		230V	230V	400V	230V	230V	400V	230V	230V	400V	
			3AC	tri+N		3AC	tri+N		3AC	tri+N	
Boiler fed		10A			10A			16A		16A	
Steam heating		10A			10A			16A		16A	
Electrical heating	12 kW	40A		20A	40A		20A	40A		20A	
Electrical heating	15 kW	50A		25A	50A		25A	50A		25A	
Electrical heating	18 kW	50A*		32A*	50A*		32A*	50A*		32A*	50A* 32A
Electrical heating	21 kW	40A			40A			40A		40A	
Electrical heating	24 kW	40A			40A			40A		40A*	
Electrical heating	30 kW									50A	

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* Standard heating

** 9 mm perforation diam optionally available

*** Diameter drain 75 mm (3") optionally available from WF75 till WF185

