





Cleanroom Barrier washers

The concept of cleanroom laundries refers to those facilities for which hygiene is a top priority: agri-food, pharmaceutical, nuclear or chemical industries are very much concerned about the proper laundry process of their garments. Cleanrooms are used in areas sensitive to environmental contamination or in a medical research context.

DOMUS is specialized in this field where linen should be processed on site and where many potential sources of microbiological contamination must be contained because bacteria spread very easily without strict control.

DOMUS CLEANROOM medical washers with capacities between 16 and 70 kg, can be equipped with specific cleanroom materials as an option so that the customer can choose the degree of hygiene and purity of the air: air filter HEPA, all stainless steel components, electropolished drum, etc.



MEDICAL BARRIER WASHERS | ASM

CONTROL TYPE	HEATING	CAPACITY	
		16 kg	22 kg
TOUCH II Programmable Control	Electric, steam, electric + steam	ASM-16 TOUCH II	ASM-22 TOUCH II



BARRIER WASHERS | DHB

CONTROL TYPE	HEATING	CAPACITY			
		27 kg	35 kg	50 kg	70 kg
TOUCH II Programmable Control	Electric, steam, electric + steam	DHB-27 TOUCH II	DHB-35 TOUCH II	DHB-50 TOUCH II	DHB-70 TOUCH II

Barrier washer extractors

ECOENERGY

TOUCH II



- ✓ **TOUCH II Microprocessor**, user friendly and totally programmable 7" screen touch
- ✓ **Traceability as standard**
- ✓ **8 dosing signals as standard**
- ✓ **Screen on both sides of the machine**
Touch operated on the dirty side and only displaying on the clean side to show the status of the washing program
- ✓ **USB Connection**. PC software free of charge for programming, traceability, data analysis...
- ✓ **Remote communication ready**
- ✓ Customisation of programs according to each need
- ✓ **Wet Cleaning**
- ✓ **OPTIONS**
 - WIFI connection
 - Printer
 - 6 extra dosing signals

OUTSTANDING FEATURES



- ✓ **Double display** (as option in ASM models)
- ✓ **Automatic positioning of drum** with motor brake to make loading and unloading operations easier (as option in ASM models)
- ✓ **3 water inlets as standard** (2 water inlets in ASM range)
- ✓ **Wet cleaning**: equipped with all features to use Wet cleaning programs (useful in nursing homes)
- ✓ Side panels in skinplate and top panel in stainless steel, **easy to clean**
- ✓ **New dual heating electric-steam model - energy savings**
- ✓ **OPTIONS**
 - Detergent box kit (instead of pumps)
 - 2nd drain valve for water recovery
 - Titration valve
 - UPS kit to release drum brake in case of power failure
 - AISI 304 stainless steel outer casing

EFFICIENCY



- ✓ **Water savings**
Possibility of configuring three levels of savings
- ✓ **Intelligent Consumption**: automatic adjustment of water and soap consumptions (standard)
- ✓ **Optimal loading**
- ✓ **Prepared to be connected to water recovery tanks**
ECOTANK
- ✓ **Low water consumption**
Less than 10 liters of water per kg and cycle (standard washing cycle 60°C)
- ✓ **High G FACTOR**
Reduced residual moisture.
Reduced drying time.
- ✓ **OPTIONS**
Automatic weighing system on feet

ERGONOMICS



- ✓ **Huge doors** opening making loading and unloading operation easier, biggest opening in the market
(Ex: DBW35 : Drum 640 x 515 mm – Vat 700 x 650 mm)
- ✓ **User-friendly drum opening by push button**
- ✓ Standard height of loading (door base at 800 mm)
- ✓ **OPTIONS**
Plinth to align loading height (door base at 850 mm)

MAINTENANCE



- ✓ **Electric components on the left side, mechanic components on the right side, connections on the top**

Easy access to all the components.

Easier to connect, all connections protected from water and detergents.

- ✓ **Central drain** easy installation

- ✓ **Technical menu**

Statistics, alarms, autotest, data recovery for technicians and maintenance

- ✓ **Options:**

Side drain

Low steam pressure: to enable installation of steam heated washer with very low pressure of steam on site

CONNECTIVITY



- ✓ **Remote technical service:** machine monitoring, error warning, remote desk and data recovery for technicians and maintenance, software updates.

- ✓ **Management of laundries**

- ✓ **OPTIONS**

Domus Connect: communication module.



Medical Barrier Washers

Find below the standard barrier washers list price, to add the desired standard options list price + CLEANROOM options.

Final reference will be confirmed with the order.



ASM SMALL CAPACITY

Pass-through barrier washer.
G Factor 350.
New TOUCH II microprocessor with a 7" touch screen.
Panels in skinplate and top panel in stainless steel.
Vat and drum in stainless steel AISI 304.
Heating: electric and steam, dual heating.
2 water inlets.
8 dosing signals.
Central drain standard.
Automatic positioning of drum.



ASM-16/22 TOUCH II

Model	Capacity Kg		Spinning		Power		Dimensions mm
	(1:9)	(1:10)	r.p.m.	G Factor	kW	Volt	
ASM-16 TOUCH II E	18	16	1000	350	14,2	F	984 x 914 x 1398
ASM-16 TOUCH II S	18	16	1000	350	2,2	S	984 x 914 x 1398
ASM-16 TOUCH II ES	18	16	1000	350	14,2	F	984 x 914 x 1398
ASM-22 TOUCH II E	25	22	1000	350	20,2	F	1184 x 914 x 1398
ASM-22 TOUCH II S	25	22	1000	350	2,2	S	1184 x 914 x 1398
ASM-22 TOUCH II ES	25	22	1000	350	20,2	F	1184 x 914 x 1398

E Electric (st. Steel heating elements)

S Steam (from external supply - pressures up to 4 kg/cm²)

ES Electric + Steam: dual heating

F 400V III + N (Valid also for 230 V III)

S 230V I + N (SINGLE PHASE) Valid for 400 V III +N / 230 V III (Three-phase)



STANDARD OPTIONS

Description
7" second screen on clean side
Weighing sensor system on feet for ASM-16/22. Includes kit with 6 extra dosing signals
6 extra dosing signals card for automatic liquid dosing. Total of 14 signals
Printer
Third water inlet
Double Drain
Titration valve
Side drain valve
4 compartments detergent box for ASM-16
4 compartments detergent box for ASM-22
Electric drum motor brake
UPS option (in case of power failure)
End of cycle light alarm
Low steam pressure (0,5 bar)
Stainless steel AISI 304 outer casing for ASM-16
Stainless steel AISI 304 outer casing for ASM-22
Stainless steel frame for ASM-16
Stainless steel frame for ASM-22
Stainless steel frame ASM-16 equipped with loading base
Stainless steel frame ASM22 equipped with loading base
Maritime wooden packing for ASM-16
Maritime wooden packing for ASM-22
Plinth for ASM-16 to align loading height (door base at 850 mm)
Plinth for ASM-22 to align loading height (door base at 850 mm)

VOLTAGE OPTIONS

Description
Maritime voltage 440V III 50/60

N/A Not Available | **OPT** Extra cost | **STD** Standard

* See page 10 for cleanroom options

CLEANROOM OPTIONS

Electric wires tagged, AISI 304 special clean pannels, base in GALVA
Indirect Steam, external heat exchanger
2x water inlet valves in S/S set, St. Steel manifold air entering + HEPA filter 14 + Inox dosing connection
3x water inlet valves in S/S set, St. Steel manifold air entering + HEPA filter 14 + Inox dosing connection
Titration valve in st. Steel AISI 304
Special Left Side drain valve (seal) and lateral panel in 2 parts
Base in st. Steel AISI 304 base (all the chassis in INOX)
Outer drum in st. steel AISI 316L
Inner drum in st. steel AISI 316L
Electroplating outer drum
Electroplating inner drum
Base for 850mm loading height in st. Steel AISI 304

Barrier washers



DHB MEDIUM CAPACITY

Pass-through barrier washer extractors with 2 opposed doors (180°) with sanitary separating frame.
G Factor 375.
New TOUCH II microprocessor with a 7" touch screen.
Panels in grey skinplate and top panel in stainless steel.
Vat and drum in stainless steel AISI 304.
Screen on both sides of the machine.
Automatic positioning of drum with motor brake as standard.
3 water inlets.
Heating: electric and steam, dual heating.



DHB-27/35/50/70 TOUCH II

Model	Capacity Kg		Spinning		Power (x)		Dimensions mm
	(1:9)	(1:10)	r.p.m.	G	kW	Volt	
DHB-27 TOUCH II E	30	27	920	375	22	X	1.201 x 1.098 x 1.580
DHB-27 TOUCH II S	30	27	920	375	4	X	1.201 x 1.098 x 1.580
DHB-27 TOUCH II ES	30	27	920	375	22	X	1.201 x 1.098 x 1.580
DHB-35 TOUCH II E	39	35	920	375	31	X	1.359 x 1.098 x 1.580
DHB-35 TOUCH II S	39	35	920	375	4	X	1.359 x 1.098 x 1.580
DHB-35 TOUCH II ES	39	35	920	375	31	X	1.359 x 1.098 x 1.580
DHB-50 TOUCH II E	54	49	920	375	41,5	X	1.654 x 1.098 x 1.580
DHB-50 TOUCH II S	54	49	920	375	5,5	X	1.654 x 1.098 x 1.580
DHB-50 TOUCH II ES	54	49	920	375	41,5	X	1.654 x 1.098 x 1.580
DHB-70 TOUCH II E	78	70	920	375	52,5	X	2.061 x 1.098 x 1.580
DHB-70 TOUCH II S	78	70	920	375	7,5	X	2.061 x 1.098 x 1.580
DHB-70 TOUCH II ES	78	70	920	375	52,5	X	2.061 x 1.098 x 1.580

E Electric (st. Steel heating elements)
S Steam (from external supply - pressures up to 4 kg/cm²)
ES Electric + Steam: dual heating

F 400V III + N (Valid also for 230 V III)
S 230V I + N (SINGLE PHASE) Valid for 400 V III +N / 230 V III (Three-phase)
X 400V III +N (Optional 230 V III)



Automatic positioning of drum

Standard, with motor brake to make loading and unloading operations easier.

STANDARD OPTIONS

Description
Weighing sensor system on feet for DHB-27 to DHB-50. Includes kit with 6 extra dosing signals
Weighing sensor system on feet for DHB-70. Includes kit with 6 extra dosing signals
6 extra dosing signals card for automatic liquid dosing. Total of 14 signals
Printer
Double Drain
Titration valve
Side drain valve
Low steam pressure
4 compartments detergent box
UPS option (in case of power failure)
End of cycle light alarm
Stainless steel AISI 304 outer casing for DHB-27
Stainless steel AISI 304 outer casing for DHB-35
Stainless steel AISI 304 outer casing for DHB-50
Stainless steel AISI 304 outer casing for DHB-70
Stainless steel frame for DHB-27
Stainless steel frame for DHB-35
Stainless steel frame for DHB-50
Stainless steel frame for DHB-70
Stainless steel frame DHB-27 equipped with loading base
Stainless steel frame DHB-35 equipped with loading base
Stainless steel frame DHB-50 equipped with loading base
Stainless steel frame DHB-70 equipped with loading base
Plinth for DHB-27 to align the doorbase at 850 mm
Plinth for DHB-35 to align the doorbase at 850 mm
Plinth for DHB-50 to align the doorbase at 850 mm
Plinth for DHB-70 to align the doorbase at 850 mm
Maritime wooden packing for DHB-27
Maritime wooden packing for DHB-35
Maritime wooden packing for DHB-50
Maritime wooden packing for DHB-70

VOLTAGE OPTIONS

Description
230V III 50/60 for DHB-27
230V III 50/60 for DHB-35
230V III 50/60 for DHB-50
230V III 50/60 for DHB-70
440V III 50/60 for DHB (maritime voltage)

N/A Not Available | **OPT** Extra cost | **STD** Standard

* See page 10 for cleanroom options

Barrier washers

CLEANROOM OPTIONS

Electric wires tagged, AISI 304 special clean pannels, base in GALVA
Indirect Steam, external heat exchanger
2x water inlet valves in S/S set, St. Steel manifold air entering + HEPA filter 14 + Inox dosing connection
3x water inlet valves in S/S set, St. Steel manifold air entering + HEPA filter 14 + Inox dosing connection
Titration valve in st. Steel AISI 304
Special Left Side drain valve (seal) and lateral panel in 2 parts
Base in st. Steel AISI 304 base (all the chassis in INOX)
Outer drum in st. steel AISI 316L
Inner drum in st. steel AISI 316L
Electroplating outer drum
Electroplating inner drum
Base for 850mm loading height in st. Steel AISI 304



Pack stainless steel connections



Electropolished drum



HEPA air filter



Titration valve





Cleanroom Tumble Dryers

CLEANROOM tumble dryers with models ranging from 11 to 80 kg, can also be equipped with a variety of specific cleanroom options: HEPA air filter, side fluff filter, stainless steel AISI 304, 316, 316L drum, electropolished drum... To all this, they must be added the standard DOMUS ECOVOLUTION features which optimize energy savings and offer the most advanced technology to our customers.

The available range of dryers has the following capacities: 11, 14, 18, 23, 28, 36, 45, 60, 80 kg.



DOMUS DYNAMIC

CONTROL TYPE	HEATING	CAPACITY								
		11-12 kg	14-15 kg	17-18 kg	22-24 kg	26-29 kg	33-37 kg	45-50 kg	60-67 kg	74-83 kg
MICROPR. TOUCH II	Electric, steam	DTT-11	DTT-14	DTT-18	DTT-23	DTT-28	DTT-36	DTT-45	DTT-60	DTT-80

ECOENERGY



TOUCH II

- ✓ User friendly and totally programmable microprocessor with a 7" **Touch II screen**
- ✓ **USB Connection.** PC software free of charge for programming, traceability, data analysis...
- ✓ **Videos shown on display:** instructions
- ✓ **Optional:**
New dosing/vaporizing system (softeners/perfumes)



OUTSTANDING FEATURES

- ✓ **Reversing drum action** as standard
- ✓ **Stainless steel drum** as standard
- ✓ **Frequency inverter** as standard



VERSATILITY

- ✓ **Make to order:** customization
New possibility to customize the machines from factory with the available options
- ✓ **Wet Cleaning**
Possibility to create different phases per programme with its customized parameters
- ✓ **Efficient Dry**



CONNECTIVITY

- ✓ **Remote technical service**
Machine monitoring, machine error warning, management for traceability and statistics.
Remote desk and data recovery for technicians and maintenance, software update, etc.
- ✓ **Management for laundries:**
Our DOMUS IoT solution allows you to manage your laundry business (i.e. create discount programs for customers, get statistics, traceability and laundry monitoring).



EFFICIENCY

- ✓ **EFFICIENT DRY** Intelligent humidity control (includes new drum inlet temperature control)
- ✓ **AIR RE-CYCLE** Efficient air recirculation system
Short drying times, less energy consumption
- ✓ **FULL FLOW** New "optimized" system of mixed airflow
- ✓ **DOUBLE FLOW** Axial radial flow
- ✓ **Big fluff filter**
- ✓ **Thermal insulation**



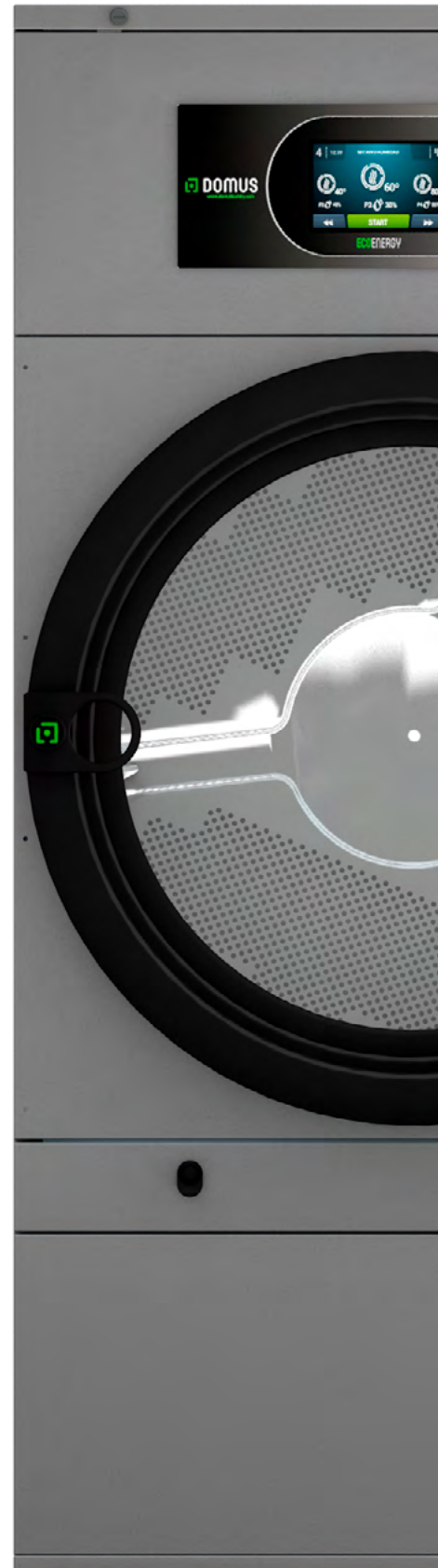
ERGONOMICS

- ✓ **Drawer as fluff filter, made of stainless steel**
- ✓ **Big door diameters** Helpful for loading and unloading
- ✓ **Ideal door height for ergonomic opening**
- ✓ **Opening direction of door adjustable on site**
(models 11 to 36 kg)
Opening sense can be changed just turning the front panel and adding a part (longer wire to be ordered)
- ✓ **Reversible door can be ordered for all dryers, factory fitted**



MAINTENANCE

- ✓ **Hinged panel**
Easy and ergonomic access to control panel parts
- ✓ **Easy access to parts for reparability**
Dryers are designed to offer an easier maintenance and repair
Example: rear panel in big capacity dryer
- ✓ **Technical menu**
Machine monitoring, machine error warning, management for traceability and statistics.
Remote desk and data recovery for technicians and maintenance, software update, etc.



Cleanroom tumble dryers



DTT DYNAMIC

Microprocessor TOUCH II: 7" colored touch screen.
 Grey skinplate body, stainless steel look.
 Big loading door (opening of 180°).
 REVERSE ACTION: standard in all models.
 STAINLESS STEEL DRUM standard.
 DOUBLE FLOW: mixed axial-radial airflow.
 SOFT DRY: the new drum with stamped holes.
 FULL SCREEN FILTER: new filter drawer with wide surface and improved airflow.
 COOL DOWN: anti-wrinkle at the end of cycle.
 Models available in electric or steam heating.

OPTIONS

EFFICIENT DRY: the intelligent humidity sensor.
 SFEX: Integrated Fire Extinguishing System.
 Double door glass.



DTT - 11/14/18/23/28/36/45/60/80 DYNAMIC

Model	Capacity Kg		Prod. kg/h	Door Ø (mm)	Power kW (*)			Dimensions mm
	(1:18)	(1:20)			Heating	Total electric		
DTT-11 E	12	11	21	574	Electric	12	F	785x855x1.694
DTT-11 S	12	11	21	574	Steam	30	S	785x855x1.694
DTT-14 E	12	14	30	574	Electric	18	F	785x989x1.694
DTT-14 S	12	14	30	574	Steam	30	S	785x989x1.694
DTT-18 E	18	17	33	574	Electric	18	F	785x1.125x1.694
DTT-18 S	18	17	33	574	Steam	30	S	785x1.125x1.694
DTT-23 E	26	23	35	574	Electric	24	F	890x1.255x1.812
DTT-23 S	26	23	35	574	Steam	49,2	S	890x1.255x1.812
DTT-28 E	31	27	53	802	Electric	30	F	985x1.054x1.946
DTT-28 S	31	27	53	802	Steam	50,1	S	985x1.054x1.946
DTT-36 E	37	33	65	802	Electric	36	F	985x1.210x1.946
DTT-36 S	37	33	65	802	Steam	50,1	S	985x1.210x1.946
DTT-45 E	50	45	90	802	Electric	54	F	1.270x1.106x2.380
DTT-45 S	50	45	90	802	Steam	91,3	T	1.270x1.106x2.380
DTT-60 E	67	60	120	802	Electric	72	F	1.270x1.366x2.380
DTT-60 S	67	60	120	802	Steam	128	T	1.270x1.366x2.380
DTT-80 E	83	75	160	802	Electric	72	F	1.270x1.598x2.380
DTT-80 S	83	75	160	802	Steam	128	T	1.270x1.598x2.380

T 400V III + N / 230V III (THREE PHASE)

S 230V I + N (SINGLE PHASE). Can be connected to 230V III / 400V III+N

F 400V III + N (Valid also for 230 V III)

STANDARD OPTIONS

Description
EFFICIENT DRY Humidity sensor
Double doorglass DTT-11-28
Double doorglass DTT-36-80
Fire extinguisher SFEX DTT-11,14,18
Fire extinguisher SFEX DTT-23,28
Fire extinguisher SFEX DTT-36
Fire extinguisher SFEX DTT-45
Fire extinguisher SFEX DTT-60,80
Opposite door opening DTT-11-36
Opposite door opening DTT-45-80
Tropicalized model
Dosing-spraying
Back panel with air filter
Fluff filter with grid 0,6 mm (standard is 0,3 mm)
Fluff filter with grid 1,2 mm (standard is 0,3 mm)
Stainless steel front and side panels 11
Stainless steel front and side panels 14
Stainless steel front and side panels 18
Stainless steel front and side panels 23
Stainless steel front and side panels 28
Stainless steel front and side panels 36
Stainless steel front and side panels 45
Stainless steel front and side panels 60
Stainless steel front and side panels 80
Front panel in stainless steel 11,14,18
Front panel in stainless steel 23
Front panel in stainless steel 28
Front panel in stainless steel 36
Front panel in stainless steel 45
Front panel in stainless steel 60
Front panel in stainless steel 80

STEAM OPTIONS

Description
Steam battery in stainless steel DTT-11,14,18
Steam battery in stainless steel DTT-23
Steam battery in stainless steel DTT-28,36
Low pressure steam battery DTT-11,14,18
Low pressure steam battery DTT-23
Low pressure steam battery DTT-28,36
Low pressure steam battery DTT-45,60,80

SPECIAL PACKING OPTIONS

Description
Maritime wooden packing DTT-11
Maritime wooden packing DTT-14
Maritime wooden packing DTT-18
Maritime wooden packing DTT-23
Maritime wooden packing DTT-28
Maritime wooden packing DTT-36
Maritime wooden packing DTT-45
Maritime wooden packing DTT-60
Maritime wooden packing DTT-80

VOLTAGE OPTIONS

Description
400V III N 60 Hz DTT-11-36
400V III N 60 Hz DTT 45-80 E/V
230V III~ 50 Hz DTT-11,14,18 E
230V III~ 50 Hz DTT-23-36 E
230V III~ 50 Hz DTT-45-80 S
230V III~ 50 Hz DTT-45-80 E
230V III~ 60 Hz DTT-11,14,18 E
230V III~ 60 Hz DTT-23,36 E
230V III~ 60 Hz DTT-11-36 S
230V III~ 60 Hz DTT-45,80 E/V
230V I N 50 Hz DTT-11 E
400V III~ 50 Hz DTT-60-80
440/480V III~ 60 Hz DTT-11,14,18
440/480V III~ 60 Hz DTT-23-36

Cleanroom tumble dryers

CLEANROOM OPTIONS

Stainless steel AISI 304 panels (top and base also)
Side fluff filter door
Loading door inner side in st. steel AISI 304
Preinstallation for HEPA filter (+ fan and adaptor)
St. Steel AISI 304 HEPA 13 filter
St. Steel AISI 304 HEPA 14 filter
Prefilter
Drum in st. Steel AISI 304
Drum in st. Steel AISI 316L
Drum in electropolished st. Steel AISI 316L
Automatic rotary valve



HEPA 13/14 air filter



HEPA air filter in mod. DTT-11 to 23



HEPA air filter in mod. DTT-28 to 80




Filter + Prefilter



Side fluff filter

NOTES

[illegible]



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