



P CONTROL

Push buttons to control temperature and time.

OUTSTANDING FEATURES

Reversing drum action as standard.
Stainless steel drum as standard.
Frequency inverter as standard.

EFFICIENCY

DUAL AIRFLOW - Optimized system of mixed air flow.
Big fluff filter.

VERSATILITY

Make to order: customisation.
OPL > Coin laundry - Standard OPL model easily trasformable to coin laundry uses.

ERGONOMICS

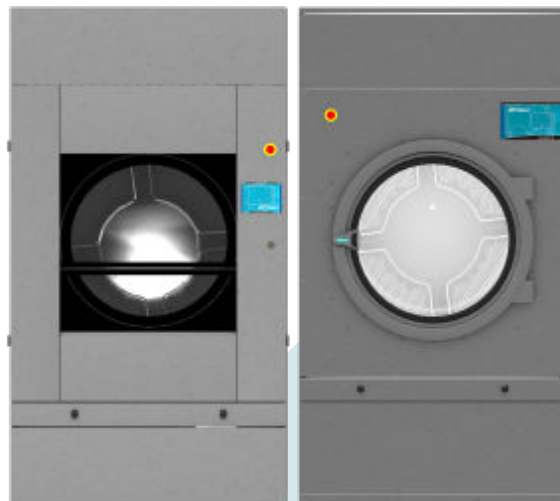
Drawer as fluff filter, stainless steel mesh.
Biggest door diameters.
Opening sense of door adjustable on site (models without sliding door).

EASY MAINTENANCE

Hinged control panel: easy and ergonomic access.
Technical menu: statistics for technicians and maintenance with external console (with console option).
Easy to access to components

OTHERS

Grey Skinplate outer casing, stainless steel look.
EFFICIENT DRUM: the new drum with stamped holes.
COOL DOWN: anti-wrinkle at the end of the cycle.
Heating options: electric, gas and steam.
CE approved.



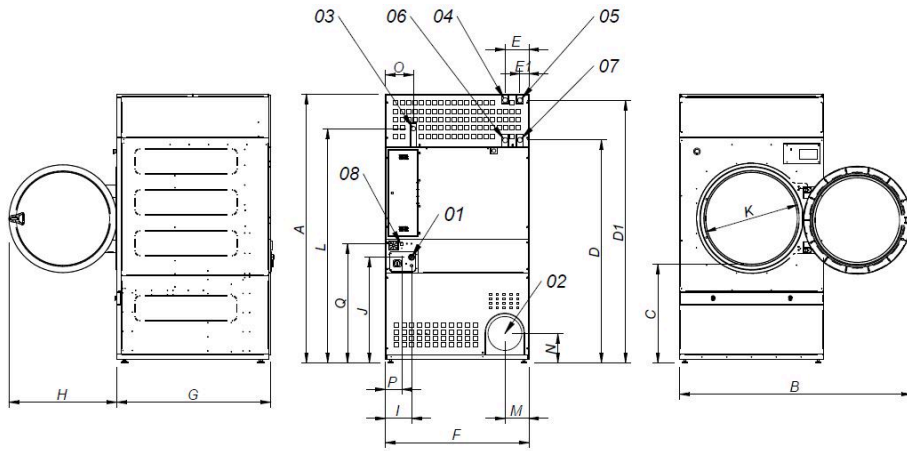
OPTIONS

- 400V 3~60Hz DS-28/35/45/60/80
- 440/480V 3~ 60 Hz DO-45-60-80
- Manual sliding door DS-45C/60C/80C (no double glass)
- Double doorglass DS-28/35/45/60/80
- Opposite door opening DS-45/60/80
- Back panel with air filter DS-45/60/80
- Fluff filter with grid 0/6 mm (standard is 0/3 mm)
- Fluff filter with grid 1/2 mm (standard is 0/3 mm)
- Reinforced drum for heavy-duty use 45-60-80 kg
- Stainless steel AISI 304 outer casing for DS-45
- Stainless steel AISI 304 front panel for DS-45/60/80
- Low pressure steam battery DS-45/60/80
- NG gas option (Natural)
- Maritime wooden packing DS-45
- 400V 3N 60 Hz DS-45/60/80 E/S
- 400V 3N 60 Hz DS-45/60/80 G
- 230V 3~ 50 Hz DS-45/60/80 G
- 230V 3~ 60 Hz DS-45/60/80 E/S
- 230V 3~ 60 Hz DS-45/60/80 G
- 440/480V 3~ 60 Hz DS-45/60/80

CAPACITY & DRUM		UNIT.	DS-45 P
Capacity 1/18		Kg	50
		lb	110,2
Capacity 1/20		Kg	45
		lb	99,2
Ø Drum		mm	1.225
		inch	48,23
Drum length		mm	760
		inch	29,92
Drum volume		l	900
		cu ft	31,78
Ø Door hole		mm	802
		inch	31,57
Door center height		mm	1.275
		inch	50,20
Height from floor to bottom of door		mm	813
		inch	31,99
ELECTRIC HEATING			
Evaporation capacity		L/h	40,2
		US gallon/h	10,6
Hourly output		Kg/h	80,4
		lb/h	177,2
Installed heating power		kW	54
Installed electrical power		kW	55,9
GAS HEATING			
Evaporation capacity (gas model)		L/h	42,5
		US gallon/h	11,227
Hourly output (gas model)		Kg/h	84,4
		lb/h	186,07
Installed gas heating power		kcal/h	51591
		Btu/h	204728
Installed gas heating power		kW	60
Installed electrical power		kW	1,9
Instant propane gas consumption (G31)		Kg/h	5,14
		lb/h	11,33
Instant natural gas consumption (G20)		m ³ /h	6,35
		cfm	3,74
Ø Gas inlet		BSPP ISO 228-1	3/4"
STEAM HEATING			
Installed steam heating power		kW	91
		Btu/h	310505
Installed electrical power		kW	1,9
Steam consumption (8 barG) - Standard		kg/h	121
Steam consumption (116 psiG)		lb/h	145,8
Steam pressure		barG	7 - 12
		psiG	101,5 - 174
Standard steam inlet - outlet		BSPT- ISO7.1	1"
Standard steam inlet - outlet		NPT ANSI B1.20.1 Tapered	1"
Steam consumption (5 barG) - Low Pressure		kg/h	142
Steam consumption (72,5 psiG) - Low Pressure		lb/h	171,1
Steam pressure (low pressure)		barG	4 - 7
		psiG	58 - 101,5
Low pressure steam inlet - outlet		BSPT- ISO7.1	1" 1/2
THERMAL OIL HEATING			
Installed heating power		kW	91
Installed electrical power		kW	1,9
Fluid consumption (T max 175°C)		m ³ /h	7
Thermal oil connection		BSP	1" 1/2



POWER AND VENTILATION			
Drum motor power		kW	0,75
Fan motor power		kW	1,1
Nominal air flow rate		m ³ /h	3.000
		cfm	1766
Ø Fume exhaust		mm	300
Ø Fume exhaust		inch	11,81
HEAT EMISSION			
Maximum total heat emission		kW	4,9
		Btu/h	16593
Max. front heat emission		kW	2,2
		Btu/h	7375
CONNECTIONS			
Tension 230V - I + N + T		Nº x mm ² / A	-
Tension 230V - III + T		Nº x mm ² / A	-
Tension 400V - III + N + T		Nº x mm ² / A	5 x 35 / 100A
			E
			G / S
			-
			4 x 2,5 / 20A
			5 x 35 / 100A
			5 x 2,5 / 20A
NET DIMENSIONS / D. WITH PACKING			
Net / gross width		mm	1.270 / 1.330
		inch	50 / 52,4
Net / gross depth		mm	1.106 / 1.185
		inch	43,5 / 46,65
Net height / gross height without heating		mm	2.380 /*2.200
		inch	93,7 / *86,6
Net / gross weight		Kg	395 / 430
		lb	871 / 948
OTHERS			
Sound level		dB	67



- 01 ELECTRIC CONNECTION
- 02 FUMES OUTLET Ø300
- 03 GAS CONNECTION 3/4"
- 04 STEAM CONNECTION (DS-45) 1"
- 05 STEAM CONNECTION (DS-60/80) 1"
- 06 CONDENSATION OUTLET (DS-45) 1"
- 07 CONDENSATION OUTLET (DS-60/80) 1"
- 08 ETHERNET CONNECTION (only available T2 CONTROL models)

* Measurement with legs mounted (30mm)

	A	B	C	D	D1	E	E1	F	G	H	I	J	K	L	M	N	O	P	Q
DS-45	2380*	2045	874	1981	2311	211	80	1270	1106	956	248	935	802	2088	214	240	244	160	1053
DS-60	2380*	2045	874	1981	2311	211	80	1270	1366	956	248	935	802	2088	214	240	244	160	1053
DS-80	2380*	2045	874	1981	2311	211	80	1270	1598	956	248	935	802	2088	214	240	244	160	1053

