Primer

DS-45 P
STANDARD dryers

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 mixted air flow.
Big fluff filter.

VERSATILITY

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

ERGONOMICS

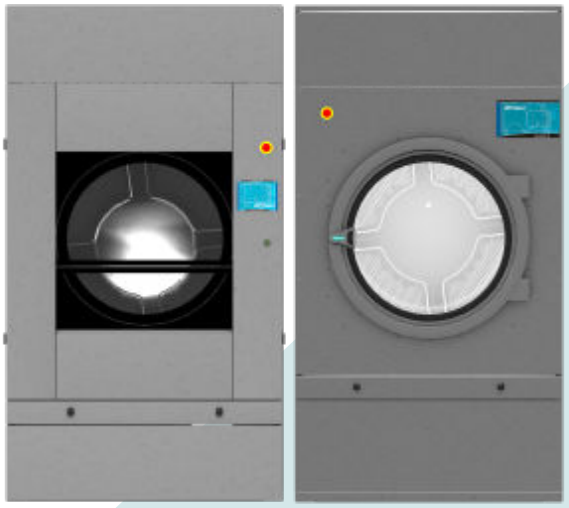
Drawer as fluff filter, stainless steel mesh.
Biggest door diameters.
Opening sense of door adjustable on site (models without sliding door).

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.

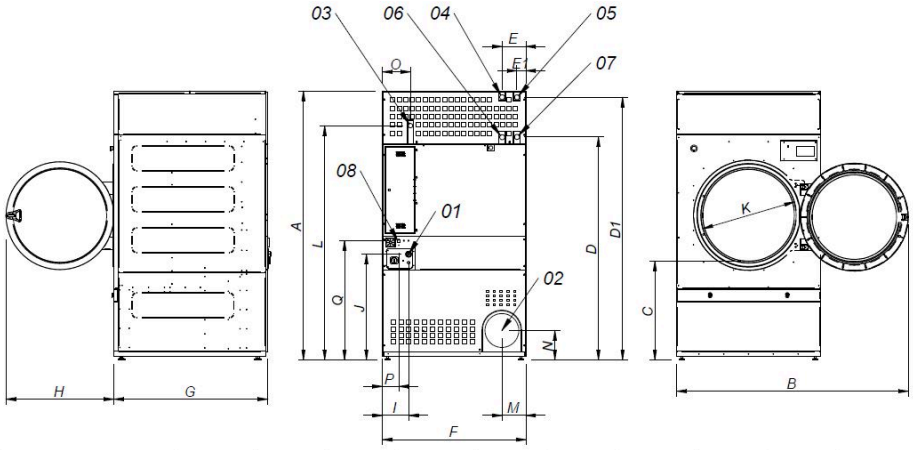


OPTIONS

- 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 175ºC)	m3/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	m³/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		E	G / S
Tension 230V - I + N + T	Nº x mm² / A	-	-
Tension 230V - III + T	Nº x mm² / A	-	4 x 2,5 / 20A
Tension 400V - III + N + T	Nº x mm² / A	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