



# Primer

## DS-18 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 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.



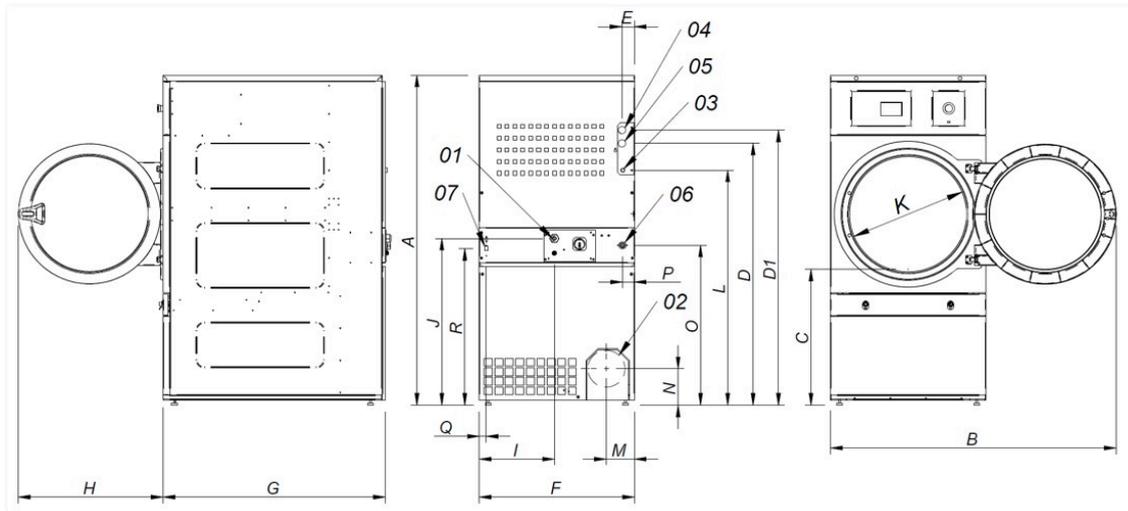
### OPTIONS

- Double doorglass DS-11/14/18/22
- Opposite door opening DS-11 to 35
- P programmer display for DS-11 to 35
- Back panel with air filter DS-11 to 35
- 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 DS-14/18
- Front panel in stainless steel DS-11/14/18
- Steam battery in stainless steel DS- 11/14/18
- Low pressure steam battery DS-11/14/18
- Reduced power (12kw instead of 18kw) for elect. heated mod.14/18
- Maritime wooden packing DS-14/18
- NG gas option (Natural)
- 400 V III N 60 Hz DS-11 to 35
- 230 V III 50 Hz DS-11/14/18 E
- 230 V III 60 Hz DS-11/14/18 E
- 230 V III 60 Hz DS-11 to 35 G/S
- 440/480V III 60 Hz DS-11/14/18
- Several payment systems for self-service

CAPACITY & DRUM		UNIT.	DS-18 P
Capacity 1/18		Kg	18,3
		lb	40,4
Capacity 1/20		Kg	16,5
		lb	36,3
Ø Drum		mm	750
		inch	29,53
Drum length		mm	746
		inch	29,37
Drum volume		l	330
		cu ft	11,64
Ø Door hole		mm	574
		inch	22,60
Door center height		mm	976
		inch	38,4
Height from floor to bottom of door		mm	618
		inch	24,33
ELECTRIC HEATING			
Evaporation capacity		L/h	14,10
		US gallon/h	3,72
Hourly output		Kg/h	28,3
		lb/h	62,4
Installed heating power		kW	18
Installed electrical power		kW	18,67
GAS HEATING			
Evaporation capacity (gas model)		L/h	16,30
		US gallon/h	4,306
Hourly output (gas model)		Kg/h	32,6
		lb/h	71,87
Installed gas heating power		kcal/h	17627
		Btu/h	69996
Installed gas heating power		kW	20,5
Installed electrical power		kW	0,67
Instant propane gas consumption (G31)		Kg/h	1,76
		lb/h	3,88
Instant natural gas consumption (G20)		m <sup>3</sup> /h	2,17
		cfm	1,28
Ø Gas inlet		BSPP ISO 228-1	1/2"
STEAM HEATING			
Installed steam heating power		kW	30
		Btu/h	102364
Installed electrical power		kW	0,67
Steam consumption (8 barG) - Standard		kg/h	53
Steam consumption (116 psiG)		lb/h	63,8
Steam pressure		barG	6 - 9
		psiG	87 - 130,5
Standard steam inlet - outlet		BSPT- ISO7.1	3/4"
Standard steam inlet - outlet		NPT ANSI B1.20.1 Tapered	3/4"
Steam consumption (5 barG) - Low Pressure		kg/h	57
Steam consumption (72,5 psiG) - Low Pressure		lb/h	68,7
Steam pressure (low pressure)		barG	3 - 6
		psiG	43,5 - 91
Low pressure steam inlet - outlet		BSPT- ISO7.1	1"
THERMAL OIL HEATING			
Installed heating power		kW	-
Installed electrical power		kW	-
Fluid consumption (T max 175°C)		m <sup>3</sup> /h	-
Thermal oil connection		BSP	-



POWER AND VENTILATION					
Drum motor power		kW	0,37		
Fan motor power		kW	0,25		
Nominal air flow rate		m <sup>3</sup> /h	850		
		cfm	500		
Ø Fume exhaust		mm	200		
Ø Fume exhaust		inch	7,87		
HEAT EMISSION					
Maximum total heat emission		kW	1,8		
		Btu/h	6145		
Max. front heat emission		kW	1,3		
		Btu/h	4302		
CONNECTIONS					
Tension 230V - I + N + T		Nº x mm <sup>2</sup> / A	-	E	G / S
Tension 230V - III + T		Nº x mm <sup>2</sup> / A	4 x 16 / 63A		3 x 1,5 / 16A
Tension 400V - III + N + T		Nº x mm <sup>2</sup> / A	5 x 10 / 32A		3 x 1,5 / 16A
NET DIMENSIONS / D. WITH PACKING					
Net / gross width		mm	785 / 865		
		inch	30,9 / 34,1		
Net / gross depth		mm	1.125 / 1.210		
		inch	44,3 / 47,6		
Net height / gross height without heating		mm	1.694 / 1.840		
		inch	66,7 / 72,4		
Net / gross weight		Kg	187 / 200		
		lb	412 / 441		
OTHERS					
Sound level		dB	64		



- 01 Power supply
- 02 Fumes output Ø 200
- 03 Gas inlet 1/2"
- 04 Steam inlet 3/4"  
(DS-11-14-18)
- 04 Steam inlet 1" (DS-22)
- 05 Condensate outlet 3/4"  
(DS-11-14-18)
- 05 Condensate 1" (DS-22)
- 06 Sprinkler valve 3/4"
- 07 Ethernet connection (only T2 Control)

	A	B	C	D	D1	E	E1	F	G	H	I	J	K	L	M	N	O	P	Q	R
DS-18P	1.694	1.447	689	1.354	1.422	68	68	785	1.125	735	380	870	575	1.226	133	180	830	65	35	805
DS-22P	1.812	1.552	743	1.430	1.532	112	55	890	1.255	735	107	920	575	1.344	238	180	885	65	37	860

