

DRYING

SINGLE POCKET DRYERS CONCEPT SR-45/60/80 M



CHARACTERISTICS

M PROGRAMMER

- M programmer: push buttons to control temperature and time.

OUTSTANDING FEATURES

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

EFFICIENCY

- Optimized system of mixed airflow.
- Big fluff filter.

VERSATILITY

- Make to order - customisation.
-

ERGONOMICS

- Drawer as fluff filter, made of stainless steel.
- Biggest door diameters.
- Opening sense of door adjustable on site.
-

MAINTENANCE

- Hinged panel: easy and ergonomic access.
- Technical menu: statistics for technicians.
- Easy to access to components.

OTHERS

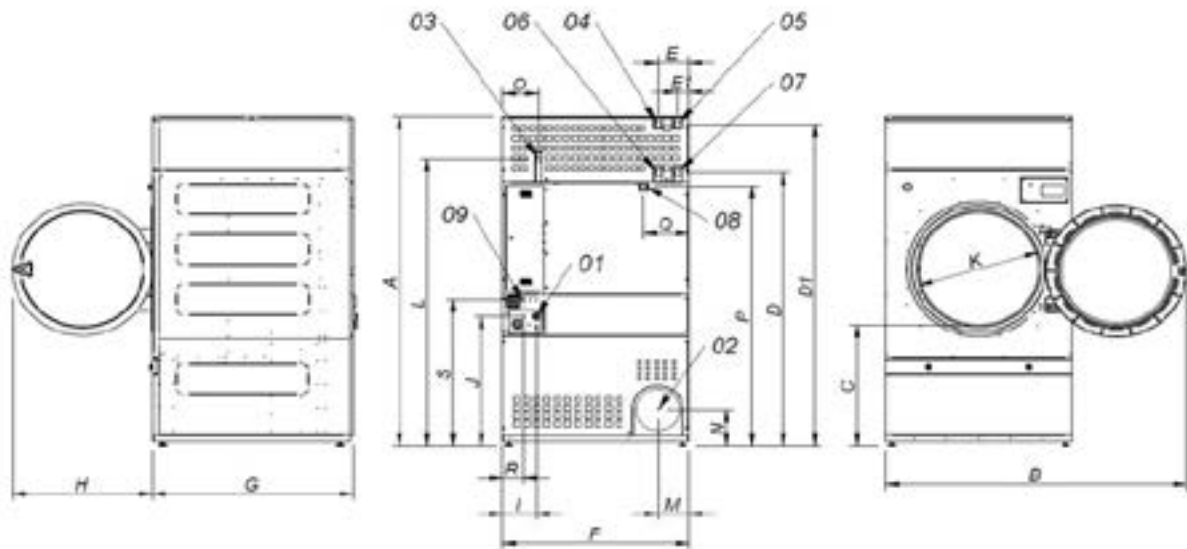
- Grey skinplate outer casing, stainless steel look.
- Drum with stamped holes.
- Anti-wrinkle at the end of the cycle.
- Heating options: electric, gas and steam.
- CE approved.

OPTIONS

- Automatic (double glass) or manual sliding door.
- Double doorglass.
- Opposite door opening.
- Back panel external air + filter.
- Fluff filter with grid 0,6mm (standard is 0,3mm).
- Fluff filter with grid 1,2mm (standard is 0,3mm).
- Stainless steel front and side panels.
- Front panel in stainless steel.
- Low pressure steam battery.
- Maritime wooden packing.
- Other voltages available.

	U.	SR-45 M	SR-60 M	SR-80 M
CAPACITY				
Capacity 1/18	Kg	50	66,7	83,3
	Lb	110,2	146,9	183,6
Capacity 1/20	Kg	45	60	75
	Lb	99,2	132,3	165,3
DRUM				
Ø Drum	mm	1.225	1.225	1.225
	inch	48,23	48,23	48,23
Drum length	mm	760	1.020	1.252
	inch	29,92	40,16	49,29
Drum volume	l	900	1.200	1.500
	cu ft	31,78	42,37	52,95
Ø Door	mm	802	802	802
	inch	31,57	31,57	31,57
Floor to door center	mm	1.275	1.275	1.275
	inch	50,20	50,20	50,2
Floor to lower part of the door	mm	813	813	813
	inch	31,99	31,99	31,99
Drum motor power	kW	0,75	1,1	1,5
ELECTRIC POWER				
Installed heating power	kW	54	72	72
Installed electrical power	kW	55,9	74,25	74,65
Evaporation capacity	l/h	40,2	60,2	64
	USgallon/h	10,6	15,9	16,9
Hourly output	Kg/h	80,4	120	128,6
	Lb/h	177,2	264,6	283,5
GAS POWER				
Installed heating power gas	Kcal/h	51591	77386	103181
	Btu/h	204728,5	307092,7	409456,9
Installed heating power gas	kW	60	90	120
Installed electrical power	kW	1,9	2,25	2,65
Instant propane gas consumption (G31)	Kg/h	5,14	7,71	10,28
	Lb/h	11,33	17	22,66
Instant natural gas consumption (G20)	m³/h	6,35	9,53	12,71
	cfm	3,74	5,61	7,48
Evaporation capacity	l/h	42,5	65,8	93,8
	USgallon/h	11,227	17,383	22,851
Hourly output	Kg/h	84,4	128,6	173,1
	Lb/h	186,1	283,5	381,6
Ø Gas inlet	BSPP ISO 228-1	3/4"	3/4"	3/4"
STEAM POWER				
Installed heating power steam	kW	91	128	128
	Btu/h	310505	436754	436754
Installed electrical power	kW	1,9	2,25	2,65
Steam consumption (8 barG) - Stándar	Kg/h	121	171	171
Steam consumption (116 psiG)	Lb/h	145,8	206	206
Steam pressure - Standard	barG	7 - 12	7 - 12	7 - 12
	psiG	101.5 - 174	101.5 - 176	101.5 - 178
Steam inlet - steam outlet - Standard	BSPT- ISO7.1	1"	1"	1"
Steam inlet - condensate outlet	NPT ANSI B1.20.1 Tapered	1"	1"	1"
Steam consumption (5 bagG) - Low pressure	Kg/h	142	147	147
Steam consumption (72,5 psiG) - Low pressure	Lb/h	171,1	177,1	177,1
Steam pressure - Low Pressure	barG	4 - 7	4 - 7	4 - 7
	psiG	58 - 101.5	58 - 101.5	58 - 101.5
Steam Inlet - Steam Outlet - Low Pressure	BSPT - ISO7.1	1" 1/2	1" 1/2	1" 1/2

THERMAL OIL							
Installed heating power	kW	91	128	128			
Installed electrical power	kW	1,9	2,25	2,25			
Fluid consumption (T max175°C)	m³/h	7	10	10			
Connections thermal oil	BSP	1" 1/2	1" 1/2	1" 1/2			
VENTILATION							
Nominal air flow	m³/h	3.000	3.000	3.000			
	cfm	1765,73	1765,73	1765,73			
Air outlet Ø	mm	300	300	300			
	inch	11,81	11,81	11,81			
Fan motor power	kW	1,1	1,1	1,1			
HEAT DISSIPATION							
Total max heat dissipation	kW	4,86	6,48	6,48			
	Btu/h	16592,7	22123,6	22123,6			
Front pannel max heat dissipation	kW	2,16	2,88	2,88			
	Btu/h	7374,5	9832,7	9832,7			
CONNECTIONS							
		ELECTRICAL	STEAM / GAS	ELECTRICAL	STEAM / GAS	ELECTRICAL	STEAM / GAS
Tension 230V - I + N + T	Nº x mm2 / A	-	-	-	-	-	-
Tension 230V - III + T	Nº x mm2 / A	-	4x2.5 / 20 A	-	4x2.5 / 25 A	-	4x2.5 / 25 A
Tension 400V - III + N + T	Nº x mm2 / A	5 x 35 / 100 A	5x2.5 / 20 A	5 x 50 / 125 A	4x2.5 / 25 A	5 x 50 / 125 A	5x2.5 / 25 A
DIMENSIONS / PACKING DIMENSIONS							
Net width / Gross width	mm	1.270 / 1.330		1.270 / 1.330		1.270 / 1.330	
	inch	50 / 52,36		50 / 52,36		50 / 52,36	
Net depth / Gross depth	mm	1.106 / 1.185		1.366 / 1.455		1.598 / 1.705	
	inch	43,54 / 46.65		53,78 / 57,28		62,91 / 67,13	
Net height / Gross height	mm	2.380 / 2.200		2.380 / 2.200		2.380 / 2.200	
	inch	93,70 / 86,61		93,7 / 86,61		93,7 / 86,61	
Net weight / Gross weight	Kg	395 / 430		529 / 575		657 / 715	
	Lb	870,83 / 947,99		1.166,25 / 1.267,66		1.448,44 / 1.576,31	
OTHERS							
Sound level	dB	67		67		67	



- 01. Power supply
- 02. Fumes output Ø300
- 03. Gas inlet 3/4"
- 04. Steam inlet 1" (SR-45)
- 05. Steam inlet 1" (SR-60/80)
- 06. Condensate outlet 1" (SR-45)
- 07. Condensate outlet 1" (SR-60/80)
- 08. Sprinkler valve 3/4" (Only control Touch)
- 09. Ethernet connection (Only control Touch)

	A	B	C	D	D1	E	E1	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
SR-45 M	2380	2045	874	1981	2311	211	80	1270	1106	956	248	935	802	2088	214	240	244	1841	308	160	1053
SR-60 M	2380	2045	874	1981	2311	211	80	1270	1366	956	248	935	802	2088	214	240	244	1841	308	160	1053
SR-80 M	2380	2045	874	1981	2311	211	80	1270	1598	956	248	935	802	2088	214	240	244	1841	308	160	1053