



# **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
- · 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**

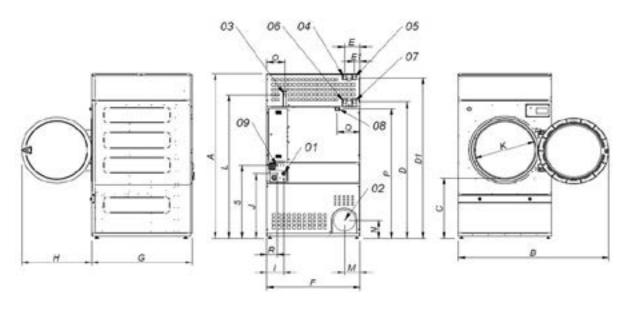
- · Grey skinplate outer casing, stainless steel look.
- · Drum with stamped holes.
- · Anti-wrinkle at the end of the cycle.
- · Heating options: electric, gas and steam.
- · CE approved.

### **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				
	Kg	50	66,7	83,3
Capacity 1/18	Lb	110,2	146,9	183,6
	Kg	45	60	75
Capacity 1/20	Lb	99,2	132,3	165,3
DRUM				
Ø Drum	mm	1.225	1.225	1.225
D DIGITI	inch	48,23	48,23	48,23
Drum length	mm	760	1.020	1.252
Drum length	inch	29,92	40,16	49,29
Drum volume	I	900	1.200	1.500
Drain volume	cu ft	31,78	42,37	52,95
Ø Door	mm	802	802	802
D 2001	inch	31,57	31,57	31,57
Floor to door center	mm	1.275	1.275	1.275
1.007.10.007.007.101	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	IZ 1/l-	F1F01	77006	100101
	Kcal/h			
Installed heating power gas		51591	77386	103181
	Btu/h	204728,5	307092,7	409456,9
Installed heating power gas	Btu/h kW	204728,5 60	307092,7 90	409456,9 120
	Btu/h kW kW	204728,5 60 1,9	307092,7 90 2,25	409456,9 120 2,65
Installed heating power gas	Btu/h kW kW Kg/h	204728,5 60 1,9 5,14	307092,7 90 2,25 7,71	409456,9 120 2,65 10,28
Installed heating power gas Installed electrical power	Btu/h kW kW Kg/h Lb/h	204728,5 60 1,9 5,14 11,33	307092,7 90 2,25 7,71 17	409456,9 120 2,65 10,28 22,66
Installed heating power gas Installed electrical power	Btu/h kW kW Kg/h Lb/h m³/h	204728,5 60 1,9 5,14 11,33 6,35	307092,7 90 2,25 7,71 17 9,53	409456,9 120 2,65 10,28 22,66 12,71
Installed heating power gas Installed electrical power Instant propane gas consumption (G31)	Btu/h kW kW Kg/h Lb/h m³/h cfm	204728,5 60 1,9 5,14 11,33 6,35 3,74	307092,7 90 2,25 7,71 17 9,53 5,61	409456,9 120 2,65 10,28 22,66 12,71 7,48
Installed heating power gas Installed electrical power Instant propane gas consumption (G31)	Btu/h kW kW Kg/h Lb/h m³/h cfm l/h	204728,5 60 1,9 5,14 11,33 6,35 3,74 42,5	307092,7 90 2,25 7,71 17 9,53 5,61 65,8	409456,9 120 2,65 10,28 22,66 12,71 7,48 93,8
Installed heating power gas Installed electrical power Instant propane gas consumption (G31) Instant natural gas consumption (G20)	Btu/h kW kW Kg/h Lb/h m³/h cfm l/h USgallon/h	204728,5 60 1,9 5,14 11,33 6,35 3,74 42,5 11,227	307092,7 90 2,25 7,71 17 9,53 5,61 65,8 17,383	409456,9 120 2,65 10,28 22,66 12,71 7,48 93,8 22,851
Installed heating power gas Installed electrical power Instant propane gas consumption (G31) Instant natural gas consumption (G20)	Btu/h kW kW Kg/h Lb/h m³/h cfm l/h USgallon/h Kg/h	204728,5 60 1,9 5,14 11,33 6,35 3,74 42,5 11,227 84,4	307092,7 90 2,25 7,71 17 9,53 5,61 65,8 17,383 128,6	409456,9 120 2,65 10,28 22,66 12,71 7,48 93,8 22,851 173,1
Installed heating power gas Installed electrical power Instant propane gas consumption (G31) Instant natural gas consumption (G20) Evaporation capacity Hourly output	Btu/h kW kW Kg/h Lb/h m³/h cfm I/h USgallon/h Kg/h Lb/h	204728,5 60 1,9 5,14 11,33 6,35 3,74 42,5 11,227 84,4 186,1	307092,7 90 2,25 7,71 17 9,53 5,61 65,8 17,383 128,6 283,5	409456,9 120 2,65 10,28 22,66 12,71 7,48 93,8 22,851 173,1 381,6
Installed heating power gas Installed electrical power Instant propane gas consumption (G31) Instant natural gas consumption (G20) Evaporation capacity Hourly output Ø Gas inlet	Btu/h kW kW Kg/h Lb/h m³/h cfm l/h USgallon/h Kg/h	204728,5 60 1,9 5,14 11,33 6,35 3,74 42,5 11,227 84,4	307092,7 90 2,25 7,71 17 9,53 5,61 65,8 17,383 128,6	409456,9 120 2,65 10,28 22,66 12,71 7,48 93,8 22,851 173,1
Installed heating power gas Installed electrical power Instant propane gas consumption (G31) Instant natural gas consumption (G20) Evaporation capacity Hourly output	Btu/h kW kW Kg/h Lb/h m³/h cfm I/h USgallon/h Kg/h Lb/h BSPP ISO 228-1	204728,5 60 1,9 5,14 11,33 6,35 3,74 42,5 11,227 84,4 186,1 3/4"	307092,7 90 2,25 7,71 17 9,53 5,61 65,8 17,383 128,6 283,5 3/4"	409456,9 120 2,65 10,28 22,66 12,71 7,48 93,8 22,851 173,1 381,6 3/4"
Installed heating power gas Installed electrical power Instant propane gas consumption (G31) Instant natural gas consumption (G20) Evaporation capacity Hourly output Ø Gas inlet	Btu/h kW kW Kg/h Lb/h m³/h cfm I/h USgallon/h Kg/h Lb/h BSPP ISO 228-1	204728,5 60 1,9 5,14 11,33 6,35 3,74 42,5 11,227 84,4 186,1 3/4"	307092,7 90 2,25 7,71 17 9,53 5,61 65,8 17,383 128,6 283,5 3/4"	409456,9 120 2,65 10,28 22,66 12,71 7,48 93,8 22,851 173,1 381,6 3/4"
Installed heating power gas Installed electrical power Instant propane gas consumption (G31) Instant natural gas consumption (G20) Evaporation capacity Hourly output Ø Gas inlet STEAM POWER Installed heating power steam	Btu/h kW kW Kg/h Lb/h m³/h cfm I/h USgallon/h Kg/h Lb/h BSPP ISO 228-1	204728,5 60 1,9 5,14 11,33 6,35 3,74 42,5 11,227 84,4 186,1 3/4"  91 310505	307092,7 90 2,25 7,71 17 9,53 5,61 65,8 17,383 128,6 283,5 3/4" 128 436754	409456,9 120 2,65 10,28 22,66 12,71 7,48 93,8 22,851 173,1 381,6 3/4"  128 436754
Installed heating power gas Installed electrical power Instant propane gas consumption (G31) Instant natural gas consumption (G20) Evaporation capacity Hourly output Ø Gas inlet STEAM POWER Installed heating power steam Installed electrical power	Btu/h kW kW Kg/h Lb/h m³/h cfm I/h USgallon/h Kg/h Lb/h BSPP ISO 228-1	204728,5 60 1,9 5,14 11,33 6,35 3,74 42,5 11,227 84,4 186,1 3/4" 91 310505 1,9	307092,7 90 2,25 7,71 17 9,53 5,61 65,8 17,383 128,6 283,5 3/4" 128 436754 2,25	409456,9 120 2,65 10,28 22,66 12,71 7,48 93,8 22,851 173,1 381,6 3/4"  128 436754 2,65
Installed heating power gas Installed electrical power Instant propane gas consumption (G31) Instant natural gas consumption (G20) Evaporation capacity Hourly output Ø Gas inlet STEAM POWER Installed heating power steam Installed electrical power Steam consumption (8 barG) - Stándar	Btu/h kW kW Kg/h Lb/h m³/h cfm I/h USgallon/h Kg/h Lb/h BSPP ISO 228-1	204728,5 60 1,9 5,14 11,33 6,35 3,74 42,5 11,227 84,4 186,1 3/4"  91 310505 1,9 121	307092,7 90 2,25 7,71 17 9,53 5,61 65,8 17,383 128,6 283,5 3/4" 128 436754 2,25 171	409456,9 120 2,65 10,28 22,66 12,71 7,48 93,8 22,851 173,1 381,6 3/4"  128 436754 2,65 171
Installed heating power gas Installed electrical power Instant propane gas consumption (G31) Instant natural gas consumption (G20) Evaporation capacity Hourly output Ø Gas inlet STEAM POWER Installed heating power steam Installed electrical power	Btu/h kW kW Kg/h Lb/h m³/h cfm I/h USgallon/h Kg/h Lb/h BSPP ISO 228-1	204728,5 60 1,9 5,14 11,33 6,35 3,74 42,5 11,227 84,4 186,1 3/4" 91 310505 1,9 121 145,8	307092,7 90 2,25 7,71 17 9,53 5,61 65,8 17,383 128,6 283,5 3/4" 128 436754 2,25 171 206	409456,9 120 2,65 10,28 22,66 12,71 7,48 93,8 22,851 173,1 381,6 3/4"  128 436754 2,65 171 206
Installed heating power gas Installed electrical power Instant propane gas consumption (G31) Instant natural gas consumption (G20) Evaporation capacity Hourly output Ø Gas inlet STEAM POWER Installed heating power steam Installed electrical power Steam consumption (8 barG) - Stándar	Btu/h kW kW Kg/h Lb/h m³/h cfm I/h USgallon/h Kg/h Lb/h BSPP ISO 228-1	204728,5 60 1,9 5,14 11,33 6,35 3,74 42,5 11,227 84,4 186,1 3/4"  91 310505 1,9 121 145,8 7 - 12	307092,7 90 2,25 7,71 17 9,53 5,61 65,8 17,383 128,6 283,5 3/4" 128 436754 2,25 171 206 7 - 12	409456,9 120 2,65 10,28 22,66 12,71 7,48 93,8 22,851 173,1 381,6 3/4"  128 436754 2,65 171 206 7-12
Installed heating power gas Installed electrical power Instant propane gas consumption (G31) Instant natural gas consumption (G20) Evaporation capacity Hourly output Ø Gas inlet STEAM POWER Installed heating power steam Installed electrical power Steam consumption (8 barG) - Stándar Steam consumption (116 psiG) Steam pressure - Standard	Btu/h kW kW Kg/h Lb/h m³/h cfm I/h USgallon/h Kg/h Lb/h BSPP ISO 228-1 kW Btu/h kW Kg/h Lb/h barG psiG	204728,5 60 1,9 5,14 11,33 6,35 3,74 42,5 11,227 84,4 186,1 3/4"  91 310505 1,9 121 145,8 7 - 12 101.5 - 174	307092,7 90 2,25 7,71 17 9,53 5,61 65,8 17,383 128,6 283,5 3/4" 128 436754 2,25 171 206 7 - 12 101.5 - 176	409456,9 120 2,65 10,28 22,66 12,71 7,48 93,8 22,851 173,1 381,6 3/4"  128 436754 2,65 171 206 7 - 12 101.5 - 178
Installed heating power gas Installed electrical power Instant propane gas consumption (G31) Instant natural gas consumption (G20) Evaporation capacity Hourly output Ø Gas inlet STEAM POWER Installed heating power steam Installed electrical power Steam consumption (8 barG) - Stándar Steam consumption (116 psiG) Steam pressure - Standard Steam inlet - steam outlet - Standard	Btu/h kW kW Kg/h Lb/h m³/h cfm I/h USgallon/h Kg/h Lb/h BSPP ISO 228-1	204728,5 60 1,9 5,14 11,33 6,35 3,74 42,5 11,227 84,4 186,1 3/4" 91 310505 1,9 121 145,8 7 - 12 101.5 - 174 1"	307092,7 90 2,25 7,71 17 9,53 5,61 65,8 17,383 128,6 283,5 3/4" 128 436754 2,25 171 206 7 - 12 101.5 - 176 1"	409456,9 120 2,65 10,28 22,66 12,71 7,48 93,8 22,851 173,1 381,6 3/4"  128 436754 2,65 171 206 7-12 101.5-178 1"
Installed heating power gas Installed electrical power Instant propane gas consumption (G31) Instant natural gas consumption (G20) Evaporation capacity Hourly output Ø Gas inlet STEAM POWER Installed heating power steam Installed electrical power Steam consumption (8 barG) - Stándar Steam consumption (116 psiG) Steam pressure - Standard Steam inlet - steam outlet - Standard Steam inlet - condensate oulet	Btu/h kW kW Kg/h Lb/h m³/h cfm I/h USgallon/h Kg/h Lb/h BSPP ISO 228-1	204728,5 60 1,9 5,14 11,33 6,35 3,74 42,5 11,227 84,4 186,1 3/4"  91 310505 1,9 121 145,8 7 - 12 101.5 - 174 1" 1"	307092,7 90 2,25 7,71 17 9,53 5,61 65,8 17,383 128,6 283,5 3/4" 128 436754 2,25 171 206 7-12 101.5-176 1" 1"	409456,9 120 2,65 10,28 22,66 12,71 7,48 93,8 22,851 173,1 381,6 3/4"  128 436754 2,65 171 206 7-12 101.5-178 1" 1"
Installed heating power gas Installed electrical power Instant propane gas consumption (G31) Instant natural gas consumption (G20) Evaporation capacity Hourly output Ø Gas inlet STEAM POWER Installed heating power steam Installed electrical power Steam consumption (8 barG) - Stándar Steam consumption (116 psiG) Steam pressure - Standard Steam inlet - steam outlet - Standard Steam inlet - condensate oulet Steam consumption (5 bagG) - Low pressure	Btu/h kW kW Kg/h Lb/h m³/h cfm I/h USgallon/h Kg/h Lb/h BSPP ISO 228-1  kW Btu/h kW Kg/h Lb/h barG psiG BSPT- ISO7.1	204728,5 60 1,9 5,14 11,33 6,35 3,74 42,5 11,227 84,4 186,1 3/4"  91 310505 1,9 121 145,8 7 - 12 101.5 - 174 1" 1" 142	307092,7 90 2,25 7,71 17 9,53 5,61 65,8 17,383 128,6 283,5 3/4" 128 436754 2,25 171 206 7 - 12 101.5 - 176 1" 1" 147	409456,9 120 2,65 10,28 22,66 12,71 7,48 93,8 22,851 173,1 381,6 3/4"  128 436754 2,65 171 206 7 - 12 101.5 - 178 1" 1" 147
Installed heating power gas Installed electrical power Instant propane gas consumption (G31) Instant natural gas consumption (G20) Evaporation capacity Hourly output Ø Gas inlet STEAM POWER Installed heating power steam Installed electrical power Steam consumption (8 barG) - Stándar Steam consumption (116 psiG) Steam pressure - Standard Steam inlet - steam outlet - Standard Steam inlet - condensate oulet Steam consumption (5 bagG) - Low pressure Steam consumption (72,5 psiG) - Low pressure	Btu/h kW kW Kg/h Lb/h m³/h cfm I/h USgallon/h Kg/h Lb/h BSPP ISO 228-1  kW Btu/h kW Kg/h Lb/h barG psiG BSPT- ISO7.1  NPT ANSI B1 20.1 Tapered Kg/h Lb/h	204728,5 60 1,9 5,14 11,33 6,35 3,74 42,5 11,227 84,4 186,1 3/4"  91 310505 1,9 121 145,8 7 - 12 101.5 - 174 1" 1" 142 171,1	307092,7 90 2,25 7,71 17 9,53 5,61 65,8 17,383 128,6 283,5 3/4" 128 436754 2,25 171 206 7 - 12 101.5 - 176 1" 1" 147 177,1	409456,9 120 2,65 10,28 22,66 12,71 7,48 93,8 22,851 173,1 381,6 3/4"  128 436754 2,65 171 206 7 - 12 101.5 - 178 1" 1" 147 177,1
Installed heating power gas Installed electrical power Instant propane gas consumption (G31) Instant natural gas consumption (G20) Evaporation capacity Hourly output Ø Gas inlet STEAM POWER Installed heating power steam Installed electrical power Steam consumption (8 barG) - Stándar Steam consumption (116 psiG) Steam pressure - Standard Steam inlet - steam outlet - Standard Steam inlet - condensate oulet Steam consumption (5 bagG) - Low pressure	Btu/h kW kW Kg/h Lb/h m³/h cfm I/h USgallon/h Kg/h Lb/h BSPP ISO 228-1	204728,5 60 1,9 5,14 11,33 6,35 3,74 42,5 11,227 84,4 186,1 3/4"  91 310505 1,9 121 145,8 7 - 12 101.5 - 174 1" 1" 142 171,1 4 - 7	307092,7 90 2,25 7,71 17 9,53 5,61 65,8 17,383 128,6 283,5 3/4" 128 436754 2,25 171 206 7-12 101.5-176 1" 1" 147 177,1 4-7	409456,9 120 2,65 10,28 22,66 12,71 7,48 93,8 22,851 173,1 381,6 3/4"  128 436754 2,65 171 206 7-12 101.5-178 1" 1" 147 177,1 4-7
Installed heating power gas Installed electrical power Instant propane gas consumption (G31) Instant natural gas consumption (G20) Evaporation capacity Hourly output Ø Gas inlet STEAM POWER Installed heating power steam Installed electrical power Steam consumption (8 barG) - Stándar Steam consumption (116 psiG) Steam pressure - Standard Steam inlet - steam outlet - Standard Steam inlet - condensate oulet Steam consumption (5 bagG) - Low pressure Steam consumption (72,5 psiG) - Low pressure	Btu/h kW kW Kg/h Lb/h m³/h cfm I/h USgallon/h Kg/h Lb/h BSPP ISO 228-1  kW Btu/h kW Kg/h Lb/h barG psiG BSPT- ISO7.1  NPT ANSI B1 20.1 Tapered Kg/h Lb/h	204728,5 60 1,9 5,14 11,33 6,35 3,74 42,5 11,227 84,4 186,1 3/4"  91 310505 1,9 121 145,8 7 - 12 101.5 - 174 1" 1" 142 171,1	307092,7 90 2,25 7,71 17 9,53 5,61 65,8 17,383 128,6 283,5 3/4" 128 436754 2,25 171 206 7 - 12 101.5 - 176 1" 1" 147 177,1	409456,9 120 2,65 10,28 22,66 12,71 7,48 93,8 22,851 173,1 381,6 3/4"  128 436754 2,65 171 206 7 - 12 101.5 - 178 1" 1" 147 177,1

THERMAL OIL									
Installed heating power	kW	9	91	1:	28	128			
Installed electrical power	kW	1	,9	2,	25	2,25			
Fluid consumption (T max175°C)	m³/h	-	7	1	0	10			
Connections thermal oil	BSP	1"	1/2	1"	1/2	1" 1/2			
VENTILATION									
Nominal air flow	m³/h	3.0	000	3.0	000	3.000			
	cfm	176	5,73	176	5,73	1765,73			
Air outlet Ø	mm	30	00	3	00	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	165	92,7	221	23,6	22123,6			
	kW	2,	16	2,	88	2,88			
Front pannel max heat dissipation	Btu/h	737	74,5	983	32,7	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			
Not hoight / Cross hoight	mm	2.380 / 2.200		2.380	/ 2.200	2.380 / 2.200			
Net height / Gross height	inch	93,70 / 86,61		93,7 /	86,61	93,7 / 86,61			
Not weight / Cross weight	Kg	395	/ 430	529	/ 575	657 / 715			
Net weight / Gross weight	Lb	870,83	/ 947,99	1.166,25	/ 1.267,66	1.448,44 / 1.576,31			
OTHERS									
Sound level	dB	6	57	6	57	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)

	А	В	С	D	D1	Е	E1	F	G	Н	I	J	K	L	М	N	0	Р	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