



N A G A R J U N
INTERNATIONAL TRADING COMPANY

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18
YEARS



AN ISO 9001 : 2015 CERTIFIED COMPANY

2023

INDUSTRIAL WASHING, FINISHING EQUIPMENTS & POWER LAUNDRY MACHINERIES

Tumble Dryer | Son of Fire Series | Light Load



- The Industrial Drying Tumbler is a high-quality appliance designed to effectively remove moisture from various types of clothing and textiles. Constructed with a durable stainless steel inner cylinder and a painted outer body, this tumbler offers superior performance and longevity. Additionally, an option for a stainless steel outer body with live steam arrangements is available, ensuring resistance to peeling and rusting.

- Featuring a front-loading facility and a spacious door opening, this tumbler allows for easy and fast loading of garments. Its open pocket design, combined with a reversible feature and a cool-down function, further enhances convenience and efficiency. The digital temperature controller guarantees

precise temperature control, with the display indicating the temperature in Centigrade.

- Equipped with dual motors and a belt drive system, this tumbler ensures smooth and reliable operation. The perforated basket prevents snagging and sagging of garments, while a safety main door switch adds an extra layer of protection. Notably, the inclusion of an "Anti-Wrinkle Safety Rumble" mechanism effectively minimizes excessive wrinkling during the drying process.

- This tumbler is also an energy-efficient choice, thanks to its Ceramic Paper Technology PUF insulation. It is available in various heating options, including steam, electric, gas, diesel, and thermic fluid. The live steam arrangements, if chosen, allow for quick drying without shrinkage.

- To further enhance performance, a bypass assembly is provided, ensuring faster drying times by preventing steam condensate water accumulation. The dynamic balanced aluminum blower effectively matches heating and blowing, maximizing energy utilization and reducing drying time by approximately 25%. Additionally, the steam radiator with copper tubes guarantees enhanced efficiency.

Mechanism of action : Known by various names such as Clothes Dryer, Drying Machine, and Tumble Dryer, this appliance utilizes a mechanism of action that efficiently removes moisture from loads of clothing and textiles. With its advanced features and reliable performance, the Industrial Drying Tumbler is an excellent choice for professional and industrial applications.



Electric Heater



Steam Radiator



Auto Gas Burner



Diesel Burner

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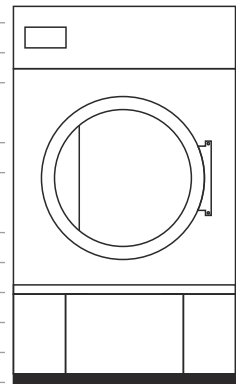
PERFORMANCE	MILD STEEL	STAINLESS STEEL
Motor Brand	Imported	Imported
Volt	220 /1Ø or 415/3Ø	220 /1Ø or 415/3Ø
Drying speed Rpm	32	32
Forward/Reverse	Adjustable 0-30 Seconds	Adjustable 0-30 Seconds
Heating Type	Electric Gas Steam	Electric Gas Steam
Drying Time in Min	0-99 min Controlled by PCB	0-99 min Controlled by PCB
Control panel	PCB	PCB
Temperature	Upto 80°	Upto 80°
Front Panel	Feather Touch	Feather Touch
No of Program	5	5
Manual Operation	Available	Available

SAFETY

Door Open Cut Off	Limit Switch	Limit Switch
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CONSTRUCTION

Outer Drum	Mild Steel	Mild Steel
Inner Drum	Stainless Steel 304 Grade	Stainless Steel 304 Grade
Perforation	Turret Punch Press	Turret Punch Press
Side Covers	Mild Steel	Stainless Steel
Motor Guard	Mild Steel	Mild Steel
Insulation	Outer Drum Covered by 10mm Thick Ceramic Paper	Outer Drum Covered by 10mm Thick Ceramic Paper
Base Frame	Mild Steel Channel	Mild Steel Channel
Door	Mild Steel Glass Door with magnetic lock	Mild Steel Glass Door with magnetic lock
Belt Adjustment	Screw Rod	Screw Rod
Nuts, Bolts & Connector	Mild Steel	Mild Steel
Control Box	Mild Steel	Mild Steel
Lint	Mild Steel Mesh	Mild Steel Mesh
Cutting	CNC	CNC
Bending	CNC	CNC
Welding	Laser MIG/TIG	Laser MIG/TIG



AESTHETIC

Overall Finish	Powder Coated	Matt Finished Stainless Steel
Logo	Starfish Engraving with LED Lights	Starfish Engraving with LED Lights

GENERAL

Motor Power in kw	0.25			0.25			0.55		
Blower Motor in kw	0.4			0.4			0.75		
Heating Type	Gas	Electric	Steam	Gas	Electric	Steam	Gas	Electric	Steam
Heater in Kilowatt	-	6	-	-	12	-	-	18/24	--
Consumption Per Hour	0.75kg	4 Unit	10 Kg	1 kg	8 Unit	15 Kg	1.5 Kg	14 Unit	30 Kg
Foundation	Not Required								
Weight in Kgs	250			300			450		

TECHNICAL SPECIFICATIONS

Model	Mild Steel	STDMG 10	STDME 10	STDMS 10	STDMG 15	STDME 15	STDMS 15	STDMG 30	STDME 30	STDMS 30
	Stainless Steel	STDSSG 10	STDSE 10	STDSS 10	STDSSG 15	STDSE 15	STDSS 15	STDSSG 30	STDSE 30	STDSS 30
Dry Weight in Kg	10			15			30			
Drum Size in mm	Ø700 x 500			Ø800 x 600			Ø950 x 850			
Drum Volume in Liter	200			300			602			
Liquor Ratio	1:20									
Dimension in mm	750 X 1050 X1600			890 X 1170 X 1740			1050 x 1460 x1980			
Door Open in mm	500			500			650			



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