



# GAS DRYER & GAS IRONER

## Gas Dryer

>>30kg, 50kg, 100kg

## Gas Ironer

>>1cylinder, 2cylinder

>>Length 3000mm, 3300mm

## Direct-fired

Energy-efficient

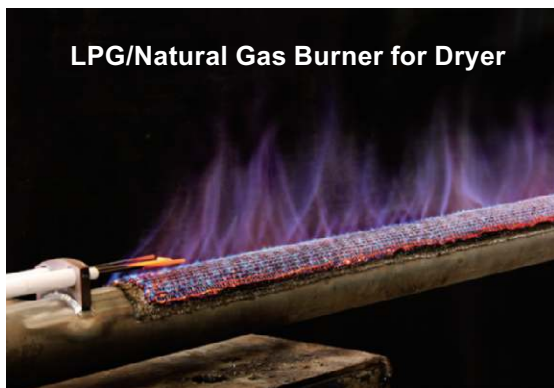
Safety



# GAS LAUNDRY MACHINES

## WHY GAS LAUNDRY MACHINES

- Little Duck designed and produced gas series laundry machines to satisfy your particular requirements and provided more options for your laundry business. Gas tumble dryer and ironer are the best choice in the occasions where there is no steam source.
- The present popular heating options for tumble dryer and ironer are electricity or steam. The running cost for electricity-heated machine is extremely higher and the steam-heating method requires additional boiler to provide the steam which is hard to pass the environmental assessment. Comparing to the above two options, the biggest advantage for gas-heating method is economic and convenient for owners.
- The current gas dryer or ironer utilizes fixed power and in-direct heating gas burner. The fact is that few models are equipped with gas burner limited by the power of the gas burner. Those gas burners are widely used for boilers, not correct choice for laundry machines.
- ▣ Little Duck is the sole manufacturer in China utilizes gas-fired infrared technology with unlimited power for all models. Little Duck gas dryer and ironer can meet owner's different requirements.



LPG/Natural Gas Burner for Dryer



LPG/Natural Gas Burner for Ironer

## LOW EMISSION & ENVIRONMENT FRIENDLY

- The burning surface of the metal-fiber burner is made of hairline metal fibers providing excellent gas permeability and uniformity which ensure the perfect mixing of gas and air. So the ignition for metal-fiber burner is more stable than traditional burner, the temperature distribution is more uniform without sectional high temperature area. Almost no CO is generated because of the sufficient burning which is more environment-friendly.

## FAST HEATING AND LOW COST

- Little Duck gas machine utilizes direct-fired metal fiber burner generating high temperature infrared heat.
- The ambient air heated by the infrared energy comes into the tumble dryer or heat directly the ironer cylinder, not like the old gas machines to heat the radiator first and then to heat the air indirectly.
- The direct-fired infrared method provides incomparable benefits of fast heating and low running cost, besides low emission and pollution-free features.

## EASY TO OPERATE AND SAFE TO USE

- Direct-fired infrared system is designed to work automatically under the control of the computer board.
- The automatic ignition and flameout is achieved through the installation of the temperature sensor which makes easy operation possible.
- The gas system consists of flame detecting device, flameout protection device and failure alarm device which all ensure the safe operation of the machine.
- Additionally the metal-fiber burner has the features of fast cooling and backfire prevention. Once the flame is shut down, most of the heat will be absorbed by the metal fiber, and the residual heat is not enough to heat the inside gas up to its ignition temperature which is the main reason causing the backfire problem.

## LONG SERVING LIFE & SIMPLE MAINTENANCE

- Metal-fiber burner has excellent advantages of high anti-corrosion performance, oxidation resistance and mechanical impact resistance which all ensure the long serving life of the burner. The carbon deposit will never happen because of the high surface temperature of the metal-fiber burner, no additional clean and maintenance is required.

## WARRANTY

LittleDuck provides 12 months warranty for the cylinder-heated ironers, starting from custom declaration date on China Port.

## Specification for HG\*R Series - LPG/Natural Gas Heating Type

Model No.	Unit	HG30R	HG50R	HG100R
Dry Weight Capacity	Kg/lbs	30/65	50/110	100/220
Cylinder Diameter	mm	1080	1160	1630
Cylinder Depth	mm	655	955	955
Cylinder volume	dm <sup>3</sup>	600	1000	2000
Cylinder speed	rpm	36	36	30
Heated Type		GAS	GAS	GAS
<b>DIMENSION</b>				
Width	mm	1210	1290	1820
Depth	mm	1195	1490	1710
Height	mm	1960	2060	2660
<b>POWER</b>				
Driving motor	Kw	0.55	0.75	3
Fan motor	Kw	1.1	1.1	1.5
Total power	Kw	1.65	1.85	4.5
<b>POWER SUPPLY</b>				
AC Voltage	V	380/415V	380/415V	380/415V
Line Frequency	Hz	50	50	50
Phase	Ph	3	3	3
<b>GAS PRESSURE</b>				
LPG (bottled gas)	Kpa	3~5	3~5	3~5
	Psi	0.4~0.7	0.4~0.7	0.4~0.7
Pipeline Gas	Kpa	5~7	5~7	5~7
	Pis	0.7~1.0	0.7~1.0	0.7~1.0
Natural Gas	Kpa	5~7	5~7	5~7
	Pis	0.7~1.0	0.7~1.0	0.7~1.0
Gas Consumption	Kg/h	4~6	5~7	8~10
<b>CONNECTIONS</b>				
LPG Inlet	Di. mm	15	15	15
Exhaust Air	Di. mm	Φ300	Φ300	Φ310
Net Weight	Kg	450	540	1310

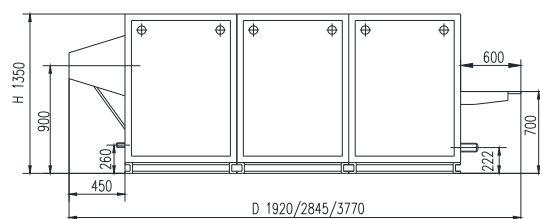
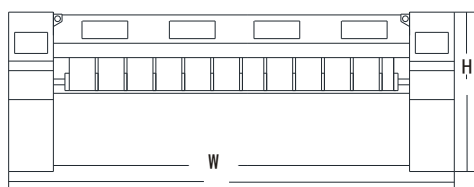
All specifications subject to change without notice.

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## Specification for TB Series - Gas Heating Type

Model No.	Unit	TBI3000R	TBII3000R	TBI3300R	TBII3300R
<b>CYLINDER</b>					
Max. Ironing Width	mm	3000	3000	3300	3300
Ironing Speed	m/min	≤12	≤24	≤12	≤24
Cylinder Quantity		1	2	1	2
Cylinder Diameter	mm	800	800	800	800
Heating Type		GAS	GAS	GAS	GAS
<b>GAS PRESSURE</b>					
LPG (bottled gas)	Kpa	3~5	3~5	3~5	3~5
	Psi	0.4~0.7	0.4~0.7	0.4~0.7	0.4~0.7
Pipeline Gas	Kpa	5~7	5~7	5~7	5~7
	Pis	0.7~1.0	0.7~1.0	0.7~1.0	0.7~1.0
Natural Gas	Kpa	5~7	5~7	5~7	5~7
	Pis	0.7~1.0	0.7~1.0	0.7~1.0	0.7~1.0
Gas Consumption	Kg/h	5~7	10~14	5.5~7.7	11~15.4
<b>POWER</b>					
AC Voltage	V	380/415V	380/415V	380/415V	380/415V
Line Frequency	Hz	50	50	50	50
Phase	P	3	3	3	3
Motor Power	kw	0.75	1.5	0.75	1.5
<b>DIMENSION</b>					
Width	mm	3800	3800	4100	4100
Depth	mm	1920	2845	1920	2845
Height	mm	1350	1350	1350	1350
Net Weight	Kg	1500	3100	1600	3200

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