

GAS DRYER MODELS: Features & Specs



GAS DRYER MODELS	
product item number	
Features/Specs.	
	HG-3612
	66664 / 66672 / 66680
Overall Length	12 feet (366cm)
Heated Oven Length	
inside	6 feet (183cm)
outside	8 feet (244cm)
Conveyor Infeed	2 feet (60cm)
Conveyor Delivery	2 feet (60cm)
Fume Hoods – each end	1 foot (30cm)
Frame Width	48" (122cm)
Overall Width - Including Control Box	55" (140cm)
Height (floor to top of exhaust)	69 inches (175cm)
Belt Height from floor	34 inches (86cm)
Belt Width	36 Inches (91cm)
Belt Type	TCF (Teflon coated Fiberglass)
Belt Speed	0 - 17 FPM (0 - 5 m/min)
Belt Speed Control	Analog Knob 0-10
Temperature Control	West 6100 Digital (with Hi/Low temp alarm)
Oven temperature accuracy	+/- 5°F (2°C) of set point
Maximum Oven Temperature	400°F (205°C)
Minimum Oven Temperature	250°F (120°C)
BTU Input Minimum	39,000 BTU
BTU Input Maximum	85,000 BTU
Exhaust Airflow	450 CFM – 10" duct (12,600 l/min – 25 cm duct)
Exhaust Motor	4C870
Recirculating Airflow	1,000 CFM Fixed
Recirculating Air Motors	1 HP
Air Filters	Fume Hood - None Combustion Air - None Recirculation Air (1)
Minimum Distances to other surfaces for installation (suitable for use on Non-Combustible flooring only)	
Back	18 inches (46 cm)
Ends	40 inches (102 cm)
Front	48 inches (122 cm)
Flue to surface	18 inches (46 cm)
Indicator Lamps	Interlocks Proven Purging Burner On
Interlocks	High Temp Limit Exhaust Purge Proving Recirculation Proving (1) Combustion Air Proving
Flameguard (flame proving)	Honeywell S87K Ignition Control
Safety Standards	Built to UL-795
Electrical Requirements	120V/1-Ph, 8 Amps, 60Hz (#66664) 220V/1-Ph, 5 Amps, 50Hz (#66680) 220V/1-Ph, 5 Amps, 60Hz (#66672)
Minimum Circuit Amps	15 Amps - 120V / 10 Amps - 220V
Maximum Fuse Size	15 Amps - 120V / 10 Amps - 220V
Gas Type Requirements	Natural Gas
Gas Pressure Requirements	0.25 PSI / 7" Water Column
Gas Service Inlet	¾" NPT
Gas Pressure Propane (Units made for Propane Gas available on special order)	0.5 PSI / 34 mbar
Per Hour Consumption - No Load (at 175C / 350F)	
Electric	0.58 KWH
Natural Gas	0.053 MCF/H
Propane	0.023 MCF/H
in US\$ (electric @ \$0.10/kWh; gas @ \$6.50/MCF)	\$0.40 per hour
PRODUCTION CAPACITY PER HOUR	
(prints of 38 x 38cm occupying belt space of about 50 x 50cm, for 90 seconds and 60 seconds curing time - IN UNITS)	267 - 400
Shipping Weight (in kg and lbs)	861 kg - 1900 lbs
Shipping size (L x W x H in cm)	348 x 163 x 170cm
Shipping size (L x W x H in inches)	137 x 64 x 67"
<u>Note: Continuous improvements require that specifications may be subject to change without notice.</u>	

HG-3612

Product no. **66664**
66672
66680