

GAS DRYER MODELS: Features & Specs



BG-4820

Product no. 50144

GAS DRYER MODELS	BG-4820
product item number	50144
Features/Specs.	
Overall Length	20 feet (609 cm)
Heated Oven Length	11 feet (335 cm)
Conveyor Infeed	4 feet (122 cm)
Conveyor Delivery	3 feet (91 cm)
Fume Hoods – each end	1 foot (30.5 cm)
Frame Width	60 Inches (152 cm)
Overall Width (control box and air plenum box installed)	89 Inches (226 cm)
Height (floor to top of exhaust)	83-1/2 Inches (212cm)
Belt Height from floor	34 Inches (86 cm)
Belt Width	48 Inches (122 cm)
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	400F
Minimum Oven Temperature	250F
BTU Input Minimum	100,000 BTU
BTU Input Maximum	300,000 BTU
Exhaust Airflow	1,300 CFM – 14" duct (36,400 l/min – 35 cm duct)
Exhaust Motor	½ H.P. direct drive
Recirculating Airflow	2,600 CFM Fixed
Recirculating Air Motors	Two 1 H.P. direct drive AC 3-phase motors
Air Filters	Fume Hood (4) Combustion Air (1) Recirculation Air (2)
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	Emergency Stop High Gas Pressure Low Gas Pressure Exhaust Purge Proving Recirculation Proving (2) Combustion Air Proving High Temp Limit
Flameguard (flame proving)	Eclipse flame pack
Safety Standards	Built to UL-795
Electrical Requirements	220V, 3-Ph, 10 Amps
Hz	60 Hz
Minimum Circuit Amps	20 Amps
Maximum Fuse Size	20 Amps
Gas Type Requirements	Natural Gas
Gas Pressure Requirements	1.0–5.0 PSI (0.1-0.3 bar)
Gas Service Inlet	¾" NPT
Gas Pressure Propane (Units made for Propane Gas available on special order)	0.5 – 3.0 PSI (0.05 – 0.22 bar)
Per Hour Consumption estimate (at 175C / 350F)	
Electric	2.5kW
Natural Gas	0.12 MCF/H
Propane	.052 MCF/H
in US\$ (electric @ \$0.10/kWh; gas @ \$6.50/MCF)	1.03
(prints of 38 x 38cm occupying belt space of about 50 x 50cm, for 90 seconds and 60 seconds curing time - IN UNITS)	653 - 980
Shipping Weight (in kg and lbs)	
Shipping size (L x W x H in cm)	
Shipping size (L x W x H in inches)	uses dedicated 20' container
Note: Continuous improvements require that specifications may be subject to change without notice.	

GAS DRYER MODELS: Features & Specs



BG-6020

Product no. 50145

GAS DRYER MODELS	BG-6020
product item number	50145
Features/Specs.	
Overall Length	20 feet (609 cm)
Heated Oven Length	11 feet (335 cm)
Conveyor Infeed	4 feet (122 cm)
Conveyor Delivery	3 feet (91 cm)
Fume Hoods – each end	1 foot (30.5 cm)
Frame Width	72 Inches (183 cm)
Overall Width (control box and air plenum box installed)	101 Inches (256 cm)
Height (floor to top of exhaust)	83-1/2 Inches (212 cm)
Belt Height from floor	34 inches (86 cm)
Belt Width	60 Inches (152 cm)
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	400F
Minimum Oven Temperature	250F
BTU Input Minimum	100,000 BTU
BTU Input Maximum	300,000 BTU
Exhaust Airflow	1,300 CFM – 14" duct (36,400 l/min – 35 cm duct)
Exhaust Motor	½ H.P. direct drive
Recirculating Airflow	2,600 CFM Fixed
Recirculating Air Motors	Two 1 H.P. direct drive AC 3-phase motors
Air Filters	Fume Hood (4) Combustion Air (1) Recirculation Air (2)
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	Emergency Stop High Gas Pressure Low Gas Pressure Exhaust Purge Proving Recirculation Proving (2) Combustion Air Proving High Temp Limit
Flameguard (flame proving)	Eclipse flame pack
Safety Standards	Built to UL-795
Electrical Requirements	220V, 3-Ph, 10 Amps
Hz	60 Hz
Minimum Circuit Amps	20 Amps
Maximum Fuse Size	20 Amps
Gas Type Requirements	Natural Gas
Gas Pressure Requirements	1.0–5.0 PSI (0.1-0.3 bar)
Gas Service Inlet	¾" NPT
Gas Pressure Propane (Units made for Propane Gas available on special order)	0.5 – 3.0 PSI (0.05 – 0.22 bar)
Per Hour Consumption estimate (at 175C / 350F)	
Electric	2.5kW
Natural Gas	0.13 MCF/H
Propane	.056 MCF/H
in US\$ (electric @ \$0.10/kWh; gas @ \$6.50/MCF)	1.15
(prints of 38 x 38cm occupying belt space of about 50 x 50cm, for 90 seconds and 60 seconds curing time - IN UNITS)	816 - 1225
Shipping Weight (in kg and lbs)	
Shipping size (L x W x H in cm)	
Shipping size (L x W x H in inches)	
Note: Continuous improvements require that specifications may be subject to change without notice.	uses dedicated 40' container

GAS DRYER MODELS: Features & Specs



BG-7220

Product no. 50146

GAS DRYER MODELS	BG-7220
product item number	50146
Features/Specs.	
Overall Length	20 feet (609 cm)
Heated Oven Length	11 feet (335 cm)
Conveyor Infeed	4 feet (122 cm)
Conveyor Delivery	3 feet (91 cm)
Fume Hoods – each end	1 foot (30.5 cm)
Frame Width	84 Inches (213 cm)
Overall Width (control box and air plenum box installed)	113 Inches (287 cm)
Height (floor to top of exhaust)	83-1/2 Inches (212 cm)
Belt Height from floor	34 inches (86 cm)
Belt Width	72 Inches (183 cm)
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	400F
Minimum Oven Temperature	250F
BTU Input Minimum	100,000 BTU
BTU Input Maximum	300,000 BTU
Exhaust Airflow	1,300 CFM – 14" duct (36,400 l/min – 35 cm duct)
Exhaust Motor	½ H.P. direct drive
Recirculating Airflow	2,600 CFM Fixed
Recirculating Air Motors	Two 1 H.P. direct drive AC 3-phase motors
Air Filters	Fume Hood (4) Combustion Air (1) Recirculation Air (2)
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	Emergency Stop High Gas Pressure Low Gas Pressure Exhaust Purge Proving Recirculation Proving (2) Combustion Air Proving High Temp Limit
Flameguard (flame proving)	Eclipse flame pack
Safety Standards	Built to UL-795
Electrical Requirements	220V, 3-Ph, 10 Amps
Hz	60 Hz
Minimum Circuit Amps	20 Amps
Maximum Fuse Size	20 Amps
Gas Type Requirements	Natural Gas
Gas Pressure Requirements	1.0–5.0 PSI (0.1-0.3 bar)
Gas Service Inlet	¼" NPT
Gas Pressure Propane (Units made for Propane Gas available on special order)	0.5 – 3.0 PSI (0.05 – 0.22 bar)
Per Hour Consumption estimate (at 175C / 350F)	
Electric	2.5kW
Natural Gas	0.15 MCF/H
Propane	.065 MCF/H
in US\$ (electric @ \$0.10/kWh; gas @ \$6.50/MCF)	1.28
(prints of 38 x 38cm occupying belt space of about 50 x 50cm, for 90 seconds and 60 seconds curing time - IN UNITS)	980 - 1470
Shipping Weight (in kg and lbs)	
Shipping size (L x W x H in cm)	
Shipping size (L x W x H in inches)	special truckload only
Note: Continuous improvements require that specifications may be subject to change without notice.	

GAS DRYER MODELS: Features & Specs



HG-3612

Product no. **66664**
66672
66680

GAS DRYER MODELS	
product item number	
Features/Specs.	
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>	