

Cissell Manufacturing Company
 831 S. First St. / P.O. Box 32270
 Louisville, Ky. 40232-2270
 PH. 502/587-1292
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 www.cissellmfg.com



The HD 190 lb. *On Premise Laundry* Dryers

FEATURE

Gas - 525,000 BTU - 2,950 CFM
 Steam - 15.7 BHP - 3000 CFM

Full 175 lb. capacity extruded basket

Safest Dryer Available

Rotational Sensor - Standard
 Reed Switch - Exclusive
 Emergency Stop Button - Exclusive
 Lint Door Switch - Exclusive
 24 V Controls Ignition System
 Extended Sides/Enclosed Back
 Anti-wrinkle Safety tumble

Hi-limit Bonnet Safety Thermostat

Diagnostics

Huge 3" Pillow Block With Sealed Bearings

No Air compressor Required

Pully Drive System

Large Door Opening with Large Glass

Low Profile Height Design - 89" Crated

Stainless Steel Basket

Large Stainless Steel Lint Screen

Double-Motor Belt Driven Reversing

Stainless Steel Burners - Standard

Two Bonnet Heat System

Electrostatically Applied Powder Coat Paint

Double Wall Construction

12" Duct Instead Of 16" Duct
 1-1/4" Gas line Instead of 1-1/2" Gas Line

Therostatic Driven Damper

BENEFIT

Ideal balance between BTU and CFM for maximum efficiency and fast dry times

No-snag / No sag basket - Construction similar to washer extractor basket

Detects broken belts, instantly shuts down dryer
 Magnetic door switch that stops the dryer when the door opens
 Instantly shuts off dryer
 Automatically shuts dryer down when lint door is open
 Additional safety for operator
 Additional safety for operator
 If door is not opened at the end of the cycle, dryer will tumble to remove residual heat while also preventing wrinkles
 Shuts down dryer should dryer overheat

Allows operator or service technician to instantly diagnose problems

3 year warranty - Best bearing and warranty available

Less costly installation / less maintenance

Rugged, quiet, and low maintenance

31- 1/4" door opening for eased of loading and unloading

Allows 8 dryers to be shipped upright in a standard 40ft. container

Standard

Allows for easier cleaning

Standard

Increased efficiency / long burner life

Provides a uniform heat distribution elimenating hot spost

Painted inside and out to prevent chipping and rusting

Keeps heat inside while outside stays cool

Less costly installation

Allows the heated air to be directed to the load when called for.

The 190 lb. On Premise Laundry Dryers

Specifications	U.S. Measure	Metric Measure
Capacity (Dry Linen)	190 lbs	86.2 kg
Basket	Diameter	52 inch / 1321 mm
	Depth	48 inch / 1220 mm
	Volume	57.6 ft ³ / 1630 liter
Cabinet (HxWxD)	93 x 54 x 65 inch	2362 x 1372 x 1651 mm
Door Opening Dia.	31-1/4 inch	794 mm
Door Loading Ht.	31-1/8 inch	791 mm
Temperature	Min.	100 ^o F / 38 ^o C
	Max.	195 ^o F / 90 ^o C
Motor	Drum	2 Hp / 1.49 kW
	Fan	5 Hp / 3.73 kW
Exhaust Flow Rate		
	Gas	2950 cfm / 5015 m ³ /h
	Steam	3000 cfm / 5100 m ³ /h
	Diameter	12 inch / 3048 mm
Maximum Air Displacement		2780 cfm / 4726 m ³ /h
Recommended Operating Range		2300 cfm / 3910 m ³ /h
Export Cube- Gas		283.12 ft ³ / 8.02 m ³
Export Cube- Steam		270.9 ft ³ / 7.67 m ³
Electric Connections		NA
Power	Gas Input	525,000 Btu/h / 132,300 kcal/h
	Steam Consumption at 125 p.s.i. (Max. Pressure)	15.7 BHP / 132,000 kcal/h
Connection	Gas	1-1/4" SPT / DN32
	Steam Inlet	3/4" SPT / DN20
	Steam Outlet	3/4" SPT / DN20
Gas Pressure		
	Recommended Inlet supply (Nat.Gas)	1-1/4" SPT / DN20
	Recommended Inlet supply (LP Gas)	1-1/4" SPT / DN20
	Manifold Pressure (Nat. Gas)	3.5" WC / 8.7 mbar
	Manifold Pressure (LP Gas)	11" WC / 27.4 mbar
Shipping Dim. Gas (H xW x D)	93 X 63 X 83-1/2 inch	2362 X 1600 X 2121 mm
Shipping Dim. Steam (H xW x D)	89 X 63 X 83-1/2 inch	2261 X 1600 X 2121 mm
Weight	Net	2168 lbs / 983 kg
	Domestic Shipping	2663 lbs / 1208 kg
	Export Shipping	2838 lbs / 1287 kg



Diagnostic Microprocessor

Feature

- 1) 5 preset programs
- 2) On/Off Reversing button
- 3) Anti-wrinkle safety tumble
- 4) Temperature display
- 5) End of cycle buzzer
- 6) Extra contacts standard
- 7) Basket RPM display
- 8) Lint door monitor
- 9) Automatic diagnostic display

Benefit

- No programming necessary, but programs can be easily customized.
- Simply push button to activate or deactivate reversing action.
- If door is not opened at end of cycle dryer will tumble to remove any excess heat and at the same time prevent unnecessary wrinkling.
- Simply push and hold temperature button and the display will show the current basket temperature.
- Alerts operator that the cycle is finished.
- Allows a strobe light to be added for the hearing impaired. Meets Veteran Hospital specifications.
- Simply push and hold the start button and it displays RPM's of the basket. This helps maintenance workers determine if belts need to be tightened.
- Alerts operator to clean the lint filter.
- A) dor Indicates the loading door is in the open position
- B) Ldr Indicates lint door switch is in the open position
- C) cIn Indicates lint filter needs to be cleaned
- D) FSS Indicates a failure of the sail switch
- E) -S- Indicates safety tumble mode
- F) End End of Cycle



Industrial strength drive support system provides:

Efficient transfer of power

Large cast iron, industrial drive pulleys with large bearings

Separate fan and drive motors

Easy to maintain

Quiet



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All specifications are subject to change without notice.

AGA, CGA, CSA and CE Approved

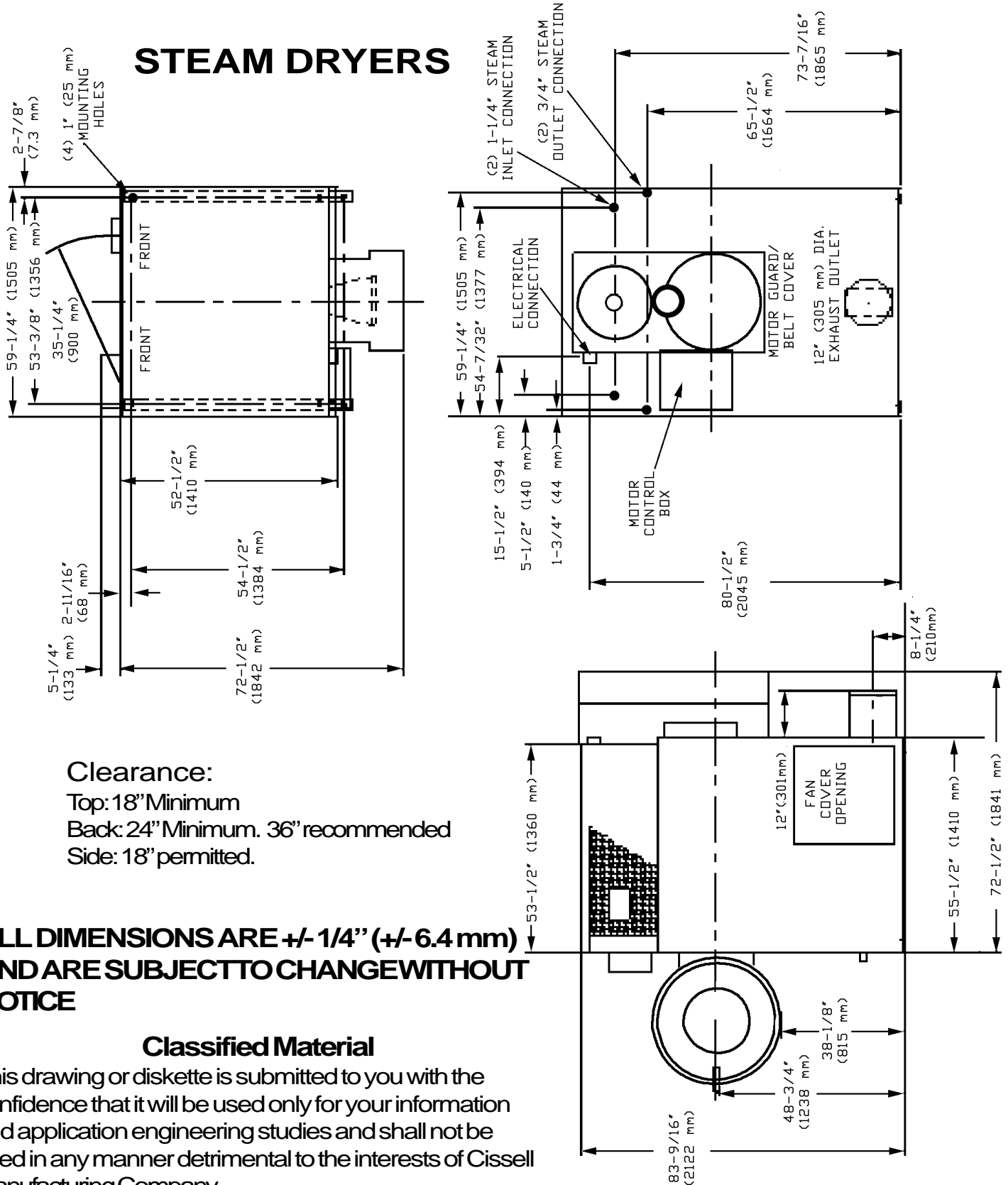
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The HD 190 On Premise Laundry Dryers

STEAM DRYERS



Clearance:
 Top: 18" Minimum
 Back: 24" Minimum. 36" recommended
 Side: 18" permitted.

**ALL DIMENSIONS ARE +/- 1/4" (+/- 6.4 mm)
 AND ARE SUBJECT TO CHANGE WITHOUT
 NOTICE**

Classified Material

This drawing or diskette is submitted to you with the confidence that it will be used only for your information and application engineering studies and shall not be used in any manner detrimental to the interests of Cissell Manufacturing Company.