



AD-410 143 cu ft 410-lb Capacity Dryer



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The AD-410 combines large capacity with a small footprint, occupying as much as 30% less floor space than competing models. The AD-410 is the most competitively priced 400-lb dryer on the market today. It is equipped with the same standard features that have made ADC an industry leader, including our exclusive patented microprocessor-controlled drying system for optimum operating efficiency.

Benefits

Drying Performance: Fast drying results combined with durability are the benchmark of the AD-410. Available in various tilt and door configurations, the AD-410 can be tailored to meet any workflow requirements.

Fewer Operator Errors: ADC incorporates a state-of-the-art microprocessor control that provides simple and accurate operation. Automatic drying programs take the guesswork out of cycle selection and avoid wasting energy by automatically shutting the dryer off when the load is dry. For optimal performance the control also prompts the operator to clean the lint drawers when necessary.

Durability: Standard stainless steel basket is supported by 11" diameter wheels and incorporates a heavy-duty gearbox as part of the tumbler drive system, providing a reliable way to transfer power from the drive motors. These components are easily accessible behind the hinged side panels.

Features

- Standard stainless steel basket
- Internal lint collection drawers
- Heavy-duty four-wheel drum support
- Self-cleaning blower fan
- Self diagnostic microprocessor with patented auto drying feature

Specifications

	Units of Measure	Metric Units
Maximum Capacity (Dry Weight)	410 lb	185.97 kg
Tumbler Diameter	68-3/4"	174.63 cm
Tumbler Depth	66-3/8"	168.61 cm

Blower/Fan Motor (Gas / Steam)	15 hp / 25 hp	11.2 kW / 18.7 kW
Door Opening (Diameter)	38" w x 50" h	96.52 cm x 127 cm
Door Sill Height	39-3/4"	100.97 cm
Water Connection	1" F.N.P.T.	
Dryers Per 20'/40' Container	1 / 3	
Dryers Per 48'/53' Truck	3 / 4	

Gas

Voltage Available	208-575v 3ø 3,4w 50/60 Hz	
Approximate Net Weight	6,300 lb	2,857.63 kg
Approximate Shipping Weight	6,800 lb	3,084.43 kg
Airflow	9,200 cfm	260.52 cmm
Heat Input	1,400,000 Btu/hr	352,794 kcal/hr
Exhaust Connection (Diameter)	28"	71.12 cm
Compressed Air Connection	3/8" F.N.P.T.	
Compressed Air Volume (1-Way / 2-Way)	5-1/2 cfh / 7 cfh	0.16 cmh / 0.2 cmh
Inlet Pipe Connection	1-1/2" F.N.P.T.	

Electric

Voltage Available		
Approximate Net Weight		
Approximate Shipping Weight		
Airflow	N / A	
Exhaust Connection (Diameter)		
Compressed Air Connection		
Compressed Air Volume		
Oven Size		

Steam

Voltage Available	208-575v 3ø 3,4w 50/60 Hz	
Approximate Net Weight	6,800 lb	3,084.43 kg
Approximate Shipping Weight	7,300 lb	3,311.22 kg
Airflow	9,200 cfm	260.52 cmm
Steam Consumption	1,257 lb/hr	570.17 kg/hr
Operating Steam Pressure	125 psi max	8.62 bar
Exhaust Connection (Diameter)	28"	71.12 cm
Compressed Air Connection	3/8" F.N.P.T.	
Compressed Air Volume (1-Way / 2-Way)	5-1/2 cfh / 7 cfh	0.16 cmh / 0.2 cmh
Boiler Horsepower (Normal Load)	38 Bhp	
Supply Connection	2" M.N.P.T.	
Return Connection	1-1/4" M.N.P.T.	

Electrical Specifications

Volt / Hz / Phase	Gas Models	
	Amps	
	Non-Rev	Rev
208 / 60 / 3	-	70
220 / 60 / 3	-	68
240 / 60 / 3	-	66
230 / 50 / 3	-	75

416 / 50 / 3	-	37
460 / 60 / 3	-	34
480 / 60 / 3	-	34
575 / 60 / 3	-	28

Steam Models

Volt / Hz / Phase	Amps	
	Non-Rev	Rev
208 / 60 / 3	-	103
230 / 60 / 3	-	95
230 / 50 / 3	-	98
380 / 50 / 3	-	54
400 / 50 / 3	-	54
416 / 50 / 3	-	53
460 / 60 / 3	-	48
480 / 60 / 3	-	48
575 / 60 / 3	-	38