

AD-50i

50-lb Capacity OPL Dryer

Standard Features:

- Variable drum speed
- Pre-heat system
- Trans-axial air flow
- Fully insulated cabinet
- Double pane door glass
- Self cleaning lint screen
- Direct spark ignition
- Two point roller support
- "IMC" intuitive micro control with auto dry system
- S.A.F.E.- Sensor Activated Fire Extinguishing System
- Single Phase Reversing Basket
- 5 year limited warranty on parts
- Stainless Steel basket and fronts
- Simplified Inverter Drive System
- Fits through standard 36 inch door
- Available in gas & electric



AD-50i OPL Dryer

Optional Features:

- Automatic Airflow Compensator (AAFC)
Optional AAFC adjusts exhaust fan speed to improve exhaust flow with increased back pressure caused by installation issues. This exclusive patented technology adjusts fan speed and enhances dryer performance. Measurements are calculated in real-time, on an ongoing basis to optimize dry-times and efficiency.

Why Purchase AD-50i?

Performance

The Achievement: Through innovative design the i-series dryers achieve higher performance, industry leading efficiency, shorter dry times and safer, more reliable operation. What an owner wants, an owner gets: saving money on utilities, payroll, and maintenance. Anyone can say their dryers have the best performance. The Intelligent Dryer Series has the features to prove it.

Reliability

Demanding owners require more than just outstanding performance for their toughest laundry environments. To accommodate owners, we designed the i-series with years of reliable operation as an absolute design necessity. A sturdy steel welded cabinet, fewer moving parts and top quality components are the foundation of the line. Costly repairs and unwanted down time are now a thing of the past. We are so confident that you'll enjoy years of reliable operation that we back every i-series dryer with a manufacturer's 5 year warranty.

IMC- Intuitive Micro Controls is easy to use and 100% customizable.

The IMC is an intelligent and simple to use control system that provides one-touch program selection. By creating a fully integrated drying system, ADC utilizes IMC to control all aspects of the drying process to minimize user error and maximize drying speed and efficiency.

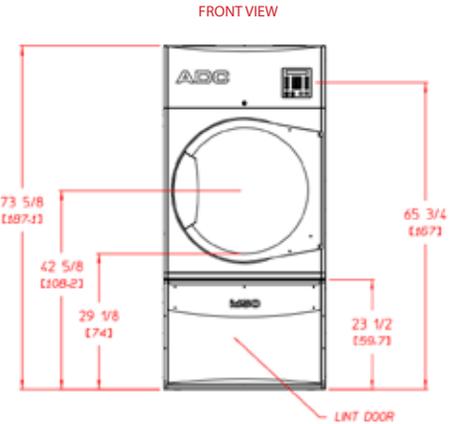
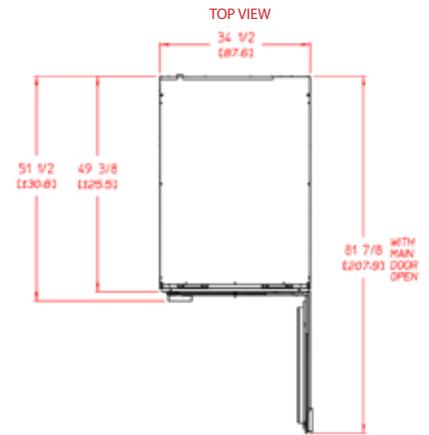
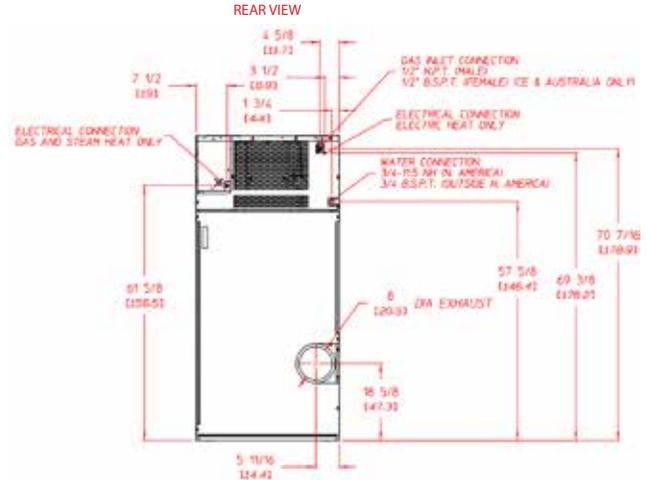
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AD-50i

AD-50i Specifications

Maximum Capacity (dry weight)	50 lb	22.67 kg			
Tumbler Diameter	32-3/4"	83.18 cm			
Tumbler Depth	37-1/2"	95.25 cm			
Tumbler Volume	18.3 cu ft	518.19 L			
Tumbler / Drive Motor	1 hp	0.75 kW			
Blower / Fan Motor	3/4 hp	0.56 kW			
Cabinet Width	34-1/2"	87.63 cm			
Cabinet Depth	49-3/8"	125.41 cm			
Cabinet Height	73-5/8"	187.1 cm			
Door Opening (diameter)	27"	68.58 cm			
Door Sill Height	29-1/8"	74 cm			
Water Connection	3/4"-11.5 NH (North America) 3/4" B.S.P.T. (Outside North America)				
Dryers per 20' / 40' Container	10 / 20				
Dryers per 48' / 53' Container	25 / 28				
ELECTRIC MODEL	OVEN SIZE (Voltages per table below)	kW	BTU	Kcal	
		18.5	63124	15907	
		20.4	69607	17540	
		22	75067	18916	
GAS MODEL	Voltage Available	120-480V 1,3ø 2,3,4w 50/60 Hz			
	Approximate Net Weight	655 lb	297.10 kg		
	Approximate Shipping Weight	710 lb	322.05 kg		
	Airflow	50 Hz	810 cfm	22.93 cmm	
		60 Hz	850 cfm	24.06 cmm	
	Heat Input	125,000 Btu/hr	31,500 kcal/hr		
Exhaust Connection (diameter)	8"	20.32 cm			
Inlet Pipe Connection	1/2" N.P.T. (Male) 1/2" B.S.P.T. (Female) (CE and Australia Only)				



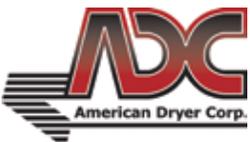
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Electrical Service Specifications

GAS HEAT					
SERVICE VOLTAGE	PHASE	WIRE SERVICE	APPROX AMP DRAW		CIRCUIT BREAKER
			60 Hz	50 Hz	
120	1ø	2	9.8	--	15
208	1ø	2	8	--	15
220	1ø	2	5	5	15
230	1ø	2	5	5	15
240	1ø	2	5	5	15
208	3ø	3	4.45	--	15
220	3ø	3	8.35	4.45	15
230	3ø	3	8.35	4.45	15
240	3ø	3	8.35	4.45	15
380	3ø	4*	--	2.73	15
400	3ø	4*	--	2.73	15
416	3ø	4*	--	2.73	15
440	3ø	3	4.53	--	15
460	3ø	3	4.53	--	15
480	3ø	3	4.53	--	15

Electrical Service Specifications

ELECTRIC HEAT						
SERVICE VOLTAGE	PHASE	WIRE SERVICE	KW	APPROX AMP DRAW		CIRCUIT BREAKER
				60 Hz	50 Hz	
SINGLE PHASE HEAT SINGLE PHASE MOTOR						
220	1ø	2	18.5	94.0	89.0	125
230	1ø	2	20.4	98.6	93.6	125
240	1ø	2	22	101.7	96.6	150
THREE PHASE HEAT SINGLE PHASE MOTOR						
220	3ø	3	18.5	55.0	53.4	70
230	3ø	3	20.4	57.7	56.1	80
240	3ø	3	22	59.5	57.8	80
380	3ø	4*	18.5	--	34.7	50
400	3ø	4*	20.4	--	36.1	50
416	3ø	4*	22	--	37.2	50
THREE PHASE HEAT THREE PHASE MOTOR						
208	3ø	3	22	70	--	90
220	3ø	3	18.5	57	55	80
230	3ø	3	20.4	60	58	80
240	3ø	3	22	61	59	80
380	3ø	4*	18.5	--	33	50
400	3ø	4*	20.4	--	34	50
416	3ø	4*	22	--	35	50
440	3ø	3	18.5	29	--	40
460	3ø	3	20.4	30	--	40
480	3ø	3	22	31	--	40



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