## **AD-80i**



## **80-lb Capacity OPL Dryer**

#### **Standard Features:**

- · Variable drum speed
- Pre-heat system
- Trans-axial airflow
- 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
- Stainless steel basket and fronts
- · Simplified inverter drive system
- Available in gas, steam & electric
- Fits through 48" door



AD-80i 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-80i?

#### **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 downtime are now a thing of the past.

## 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.

"Serving the South Since 1970"

AVEMORE

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Commercial Laundry Equipment

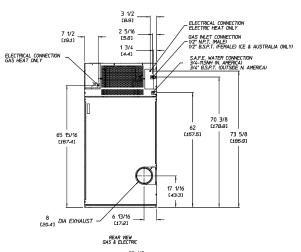
mailing: 3085 Bridgepoint Rd Southside, AL 35907 showroom: 5182 Green Valley Rd Southside AL 35907

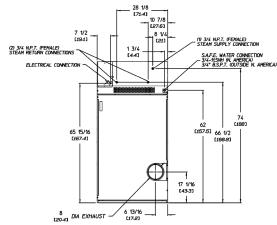
Your local ADC independent authorized distributor

# **AD-80i**



	AD-80i Sp	oecificatio	ns				
Max	imum Capacity (dry weight)	80 lb	80 lb		36.28 kg		
Tum	bler Diameter	37"	37"		93.98 cm		
Tum	bler Depth	35-7/16'	35-7/16"		90.01 cm		
Tum	bler Volume	22.05 cu 1	22.05 cu ft		624.39 L		
Tum	bler/Drive Motor	1 hp	1 hp		0.74 kW		
Blov	ver/Fan Motor*	3/4 hp	3/4 hp		0.56 kW		
Cabi	net Width		39"		99.06 cm		
_	net Depth		52-3/8"		133.03 cm		
	net Height		77-7/8"		197.80 cm		
	r Opening (diameter)		31-3/8"		79.69 cm		
	r Sill Height		29"		73.66 cm		
Wat	er Connection		3/4"-11.5 NH (North America) 3/4" B.S.P.T. (Outside North America)				
	ers per 20'/40' Container	8 / 16					
Drye	rs per 48'/53' Container		22 / 26				
	Voltage Available		120-480V 1,3ø		2,3 50/60 Hz		
	Approximate Net Weight		700 lb		317.52 kg		
	Approximate Shipping Weight		720 lb		326.59 kg		
St	Airflow 50 Hz		880 cfm		24.91 cmm		
Gas	60 Hz	920 cfm		26.05 cmm			
	Heat Input	135,000 Btu/hr		34,019 kcal/hr			
	Exhaust Connection (diameter)	8"	8"		20.32 cm		
	Inlet Pipe Connection	1 (211 2 6 2	1/2" N.P.T. (Male)				
	Malana Avadahla			e) (CE and Australia Only)			
	Voltage Available		280-480V 1,3ø				
	Approximate Net Weight		710 lb		322.05 kg		
	Approximate Shipping Weight Airflow 50 Hz		730 lb 770 cfm		331.12 kg 21.80 cmm		
ric	AITHOW 50 HZ 60 Hz	770 cm 740 cfm		20.95 cmm			
Electric	Exhaust Connection (diameter)				20.32 cm		
Ě	Oven Size	kW	Rtı	/hr kcal/hr			
	oven size	22	_	067	18,917		
		20.4		608	17,541		
		18.5	_	125	15,907		
	Voltage Available	120-480			50/60 Hz		
	Approximate Net Weight	830 lb			376.48 kg		
	Approximate Shipping Weight	865 lb	865 lb		392.36 kg		
	Airflow 50 Hz	854 cfm		24.18 cmm			
Ε	60 Hz	1,025 cfn	1,025 cfm		29.02 cmm		
Steam	Steam Consumption (Max)	140 lb/h	140 lb/hr		63.50 kg/hr		
St	Operating Steam Pressure	150 psi			10.34 bar		
	Exhaust Connection (Diameter)	8"	8"		20.32 cm		
	Boiler Horsepower (Normal Load)		3.6 Bhp				
	Supply Connection		(1) 3/4" N.P.T. (Female)				
	Return Connection	(	(2) 3/4" N.P.T. (Male)				
					03/29/15		





REAR VIEW STEAM

- \* Blower/fan motor for single-phase steam is 1 hp (0.75 kW). Blower/fan motor for 3-phase, all heat, is 1 hp (0.75 kW).
- \* If configuration ordered is 1ph motor, 3ph heat dryer will be 4w.

Electrical Service Specifications									
GAS & STEAM HEAT									
SERVICE	PHASE	WIRE SERVICE	APPROX A	CIRCUIT					
VOLTAGE	PHASE		60 Hz	50 Hz	BREAKER				
120	1ø	2	9.8		15				
208	1ø	2	10		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	3		2.73	15				
400	3ø	3		2.73	15				
416	3ø	3		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	PHASE	WIRE	kW	APPROX AMP DRAW		CIRCUIT			
VOLTAGE	THASE	SERVICE	R.VV	60 Hz	50 Hz	BREAKER			
SINGLE-PHASE HEAT SINGLE-PHASE MOTOR									
208	1ø	2	22	116.1		150			
220	1ø	2	18.5	94.0	89.0	125			
230	1ø	2	20.4	98.6	98.6 93.6				
240	1ø	2	22	101.7	93.6	150			
THREE-PHASE HEAT SINGLE-PHASE MOTOR									
208	3ø	3	22	71.4		90			
220	3ø	3	18.5	58.5	53.4	70			
230	3ø	3	20.4	62.2	56.1	80			
240	3ø	3	22	63	57.8	80			
380	3ø	3*	18.5		34.7	50			
400	3ø	3*	20.4		36.1	50			
416	3ø	3*	22		37.2	50			
THREE-PHASE HEAT THREE-PHASE MOTOR									
208	3ø	3	22	69		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	3	18.5		33	50			
400	3ø	3	20.4		34	50			
416	3ø	3	22		35	50			
440	3ø	3	18.5	29		40			
460	3ø	3	20.4	30		40			
480	3ø	3	22	31					

