ADC AD-120

120-lb Capacity OPL Dryer

Standard Features:

- 120-lb. capacity
- 38.10 cu. ft basket volume
- 375,000 btu/hr heat input, 2,150 cfm. airflow
- Radial airflow
- Self diagnostic microprocessor with patented auto drying feature
- Steel door with gasketless glass
- Reversing basket is standard
- Available in gas, steam and electric heat

Optional Features:

- Stainless steel front, cabinet & basket
- S.A.F.E. (Sensor Activated Fire Extinguishing System)



AD-120 On-Premise Dryer

Why Purchase ADC AD-120?

Engineer Driven Design That is Built to Last

Our dryers showcase ADC's engineer-driven approach to design. Bearings are permanently lubricated on the motor and drive system. There are no chains used at ADC; rather, we use V-belts and pulleys for smooth, quiet, and trouble free operation. Our dryer cabinets are electrostatically powder-painted inside and out then baked at 420-degrees fahrenheit before final assembly - ensuring the hardest surface and the longest lasting finish in the industry.

Rugged Steel Door with Gasketless Door Glass

Our dryer doors are one solid piece of steel with gasketless glass. This eliminates the issue of glass falling out due to wear and tear on rubber gaskets that some manufacturers use to secure their glass. The security and durability that gasketless glass provides is essential to a successful laundromat operation.

Easy-to-Read, Multilingual Controls

We were the first to bring computer operated dryers to the market and today we continue to be a leader in applying technology to dryer operation. Our years of experience along with our accessible design, easy-to-read LED screens and our user friendly multilingual interface positions ADC as the pioneer in the laundry industry.

Your local ADC independent authorized distributor



ADC AD-120

AD-120 Specifications							
Tumbl	ler Capa	city (Dry Weig		120 lbs. (54.43 kg)			
Tumbl	ler Dian	neter		44-5/8" (113.35 cm)			
Tumbl	ler Dept	:h		42-1/8" (107 cm)			
Tumbl	ler Volu	me		38.10 cu ft (1,078.87 L)			
Tumbl	ler/Driv	e Motor		3/4 hp (0.56 kW)			
Blowe	r/Fan M	otor		3 hp (2.24 kW)			
Door (Opening	g (Diameter)		31-3/8" (79.69 cm)			
Door 9	Sill Heig	ht		25-7/8" (65.72 cm)			
S.A.F.E	. Water	Connection					
		Outside	North America North America	3/4″ F.N.P.T. (11.5 N.H.) 3/4″ B.S.P.T.			
Dryers	s per 20	//40′ Containe	er	3 / 7			
Dryers	s per 48	//53′Truck		9 / 10			
Width				48-5/8" (123.5 cm)			
Depth	1			63-1/2" (161.3 cm)			
	Voltag	ge Available		208-575V 3ø 3,4w 50/60 Hz			
	Appro	ximate Net V	Veight	1,440 lb (653.17 kg)			
	Appro	ximate Ship	oing Weight	1,500 lb (680.4 kg)			
	Airflo	W	60 Hz	2,150 cfm (60.88 cmm)			
S			50 Hz	1,791 cfm (50.71 cmm)			
ja ja	Heat Input			375,000 Btu/hr (94,498 kcal/hr)			
	Exhau	st Connectio	n (Diameter)	14" (35.56 cm)			
	Comp	ressed Air Co	nnection	N/A			
	Comp	ressed Air Vo	lume	N/A			
	Inlot E	Pipe Connect	ion	1" F.N.P.T.			
	iiileti	ipe connect	1011	1" F.B.S.P.T. (CE and Australia Only)			
	Voltag	ge Available		208-575V 3ø 3,4w 50/60 Hz			
	Appro	ximate Net V	Veight	1,500 lb (680.4 kg)			
	Appro	ximate Ship	oing Weight	1,555 lb (705.3 kg)			
ric	Airflow 60 Hz 50 Hz			2,150 cfm (60.88 cmm)			
				2,150 crm (60.88 cmm)			
ii		N		1,791 cfm (50.71 cmm)			
ctric	Exhau	w ist Connectio	50 Hz				
ectric			50 Hz	1,791 cfm (50.71 cmm)			
Electric	Comp	ist Connectio oressed Air Co oressed Air Vo	50 Hz on (Diameter) onnection	1,791 cfm (50.71 cmm) 14" (35.56 cm)			
Electric	Comp	ist Connectio pressed Air Co pressed Air Vo Oven S	50 Hz on (Diameter) onnection olume Size	1,791 cfm (50.71 cmm) 14" (35.56 cm) N / A			
Electric	Comp	oressed Air Co oressed Air Vo Oven S Btu/hr	50 Hz on (Diameter) onnection olume Size kcal/hr	1,791 cfm (50.71 cmm) 14" (35.56 cm) N / A			
Electric	Comp	ist Connectio pressed Air Co pressed Air Vo Oven S	50 Hz on (Diameter) onnection olume Size	1,791 cfm (50.71 cmm) 14" (35.56 cm) N / A			
Electric	Comp Comp kW 72 75.6	oressed Air Vo Oven S Btu/hr 245,700	50 Hz on (Diameter) onnection olume Size kcal/hr 61,900	1,791 cfm (50.71 cmm) 14" (35.56 cm) N / A			
Electric	kW 72 75.6	oressed Air Cooressed Air Voorensessed A	50 Hz on (Diameter) onnection olume Size kcal/hr 61,900 65,000	1,791 cfm (50.71 cmm) 14" (35.56 cm) N / A N / A			
Electric	Comp Comp kW 72 75.6 Voltag	oressed Air Co oressed Air Vo Oven 9 Btu/hr 245,700 258,000 ge Available	50 Hz in (Diameter) innection ilume Size kcal/hr 61,900 65,000	1,791 cfm (50.71 cmm) 14" (35.56 cm) N / A N / A 208-575V 3ø 3,4w 50/60 Hz			
Electric	Comp Comp kW 72 75.6 Voltag	ost Connection oressed Air Co oressed Air Vo Oven 1 Btu/hr 245,700 258,000 ge Available oximate Net V oximate Shipp	50 Hz in (Diameter) innection ilume Size kcal/hr 61,900 65,000	1,791 cfm (50.71 cmm) 14" (35.56 cm) N / A N / A 208-575V 3ø 3,4w 50/60 Hz 1,421 lb (644.55 kg)			
Electric	kW 72 75.6 Voltage Appro	ost Connection oressed Air Co oressed Air Vo Oven 1 Btu/hr 245,700 258,000 ge Available oximate Net V oximate Shipp	50 Hz In (Diameter) In (Diameter) In (Diameter) In (Diameter) Illume Size kcal/hr 61,900 65,000 Veight Ding Weight	1,791 cfm (50.71 cmm) 14" (35.56 cm) N / A N / A 208-575V 3ø 3,4w 50/60 Hz 1,421 lb (644.55 kg) 1,561 lb (708.06 kg)			
m Electric	kW 72 75.6 Voltage Appro	ost Connection oressed Air Co oressed Air Vo Oven 1 Btu/hr 245,700 258,000 ge Available oximate Net V oximate Shipp	50 Hz In (Diameter) In (Diamet	1,791 cfm (50.71 cmm) 14" (35.56 cm) N / A N / A 208-575V 3ø 3,4w 50/60 Hz 1,421 lb (644.55 kg) 1,561 lb (708.06 kg) 2,150 cfm (60.88 cmm)			
eam Electric	kW 72 75.6 Voltag Appro Airflor	ost Connection oressed Air Vo Oven ! Btu/hr 245,700 258,000 ge Available oximate Net V oximate Shipp	50 Hz on (Diameter) onnection olume Size kcal/hr 61,900 65,000 Veight bing Weight 50 Hz 50 Hz	1,791 cfm (50.71 cmm) 14" (35.56 cm) N / A N / A 208-575V 3ø 3,4w 50/60 Hz 1,421 lb (644.55 kg) 1,561 lb (708.06 kg) 2,150 cfm (60.88 cmm) 1,791 cfm (50.71 cmm)			
steam Electric	Comp Comp kW 72 75.6 Voltag Appro Airflor Steam	oressed Air Co oressed Air Vo Oven S Btu/hr 245,700 258,000 ge Available oximate Net V oximate Shipp w	50 Hz on (Diameter) onnection olume Size kcal/hr 61,900 65,000 Weight bing Weight 50 Hz 50 Hz	1,791 cfm (50.71 cmm) 14" (35.56 cm) N / A N / A 208-575V 3ø 3,4w 50/60 Hz 1,421 lb (644.55 kg) 1,561 lb (708.06 kg) 2,150 cfm (60.88 cmm) 1,791 cfm (50.71 cmm) 365 lb/hr (166 kg/hr)			
Steam Electric	Comp Comp kW 72 75.6 Voltag Appro Airflor Steam Opera	oressed Air Coressed Air Vo Oven S Btu/hr 245,700 258,000 ge Available oximate Shipp w	50 Hz In (Diameter) Innection Innect	1,791 cfm (50.71 cmm) 14" (35.56 cm) N / A N / A 208-575V 3ø 3,4w 50/60 Hz 1,421 lb (644.55 kg) 1,561 lb (708.06 kg) 2,150 cfm (60.88 cmm) 1,791 cfm (50.71 cmm) 365 lb/hr (166 kg/hr) 125 psi max (8.62 bar, 862 kPa)			
Steam	Comp Comp kW 72 75.6 Voltag Appro Airflor Steam Opera Exhau	oressed Air Corressed Air Vo Oven 9 Btu/hr 245,700 258,000 ge Available oximate Shipp w an Consumption of Steam P	50 Hz In (Diameter) Innection Illume Size kcal/hr 61,900 65,000 Weight bing Weight 60 Hz 50 Hz on Pressure In (Diameter) Innection**	1,791 cfm (50.71 cmm) 14" (35.56 cm) N / A N / A 208-575V 3ø 3,4w 50/60 Hz 1,421 lb (644.55 kg) 1,561 lb (708.06 kg) 2,150 cfm (60.88 cmm) 1,791 cfm (50.71 cmm) 365 lb/hr (166 kg/hr) 125 psi max (8.62 bar, 862 kPa) 14" (35.56 cm)			
Steam	Comp Comp kW 72 75.6 Voltag Appro Airflor Steam Opera Exhau Comp	oressed Air Corressed Air Vo Oven 1 Btu/hr 245,700 258,000 ge Available oximate Shipp w an Consumptio string Steam P est Connection	50 Hz on (Diameter) onnection olume Size kcal/hr 61,900 65,000 Veight oing Weight 60 Hz 50 Hz on ressure on (Diameter) onnection**	1,791 cfm (50.71 cmm) 14" (35.56 cm) N / A N / A N / A 208-575V 3ø 3,4w 50/60 Hz 1,421 lb (644.55 kg) 1,561 lb (708.06 kg) 2,150 cfm (60.88 cmm) 1,791 cfm (50.71 cmm) 365 lb/hr (166 kg/hr) 125 psi max (8.62 bar, 862 kPa) 14" (35.56 cm) 1/8" N.P.T.			
Steam	Comp Comp kW 72 75.6 Voltag Appro Airflor Steam Opera Exhau Comp Boiler	st Connection pressed Air Co pressed Air Vo Oven 1 Btu/hr 245,700 258,000 ge Available poximate Net V poximate Shipp w a Consumption printing Steam P sist Connection pressed Air Co pressed Air Co pressed Air Vo HP (Normal Lo	50 Hz on (Diameter) onnection olume Size kcal/hr 61,900 65,000 Veight oing Weight 60 Hz 50 Hz on ressure on (Diameter) onnection**	1,791 cfm (50.71 cmm) 14" (35.56 cm) N / A N / A N / A 208-575V 3ø 3,4w 50/60 Hz 1,421 lb (644.55 kg) 1,561 lb (708.06 kg) 2,150 cfm (60.88 cmm) 1,791 cfm (50.71 cmm) 365 lb/hr (166 kg/hr) 125 psi max (8.62 bar, 862 kPa) 14" (35.56 cm) 1/8" N.P.T. 0.75 cfh (0.02 cmh)			
Steam	kW 72 75.6 Voltage Appro Airflor Steam Opera Exhau Comp Boiler Stand	st Connection oressed Air Co oressed Air Vo Oven 1 Btu/hr 245,700 258,000 ge Available oximate Net V oximate Shipp w at Consumption oressed Air Co oressed Air Co oressed Air Vo HP (Normal Lo and Supply C	50 Hz In (Diameter) Innection Islume Size kcal/hr 61,900 65,000 Veight Sing Weight For Hz Son In (Diameter) In (Diameter) In (Diameter) Innection** Islume ** Islume ** In (Diameter) Islume ** Is	1,791 cfm (50.71 cmm) 14" (35.56 cm) N / A N / A N / A 208-575V 3ø 3,4w 50/60 Hz 1,421 lb (644.55 kg) 1,561 lb (708.06 kg) 2,150 cfm (60.88 cmm) 1,791 cfm (50.71 cmm) 365 lb/hr (166 kg/hr) 125 psi max (8.62 bar, 862 kPa) 14" (35.56 cm) 1/8" N.P.T. 0.75 cfh (0.02 cmh) 13 Bhp			

Specifications in parentheses are metric equivalents.

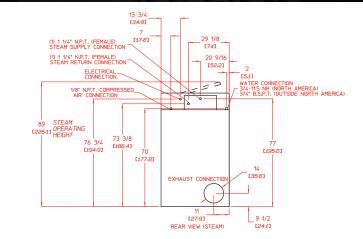
* Air-operated steam damper system must be provided with clean, dry

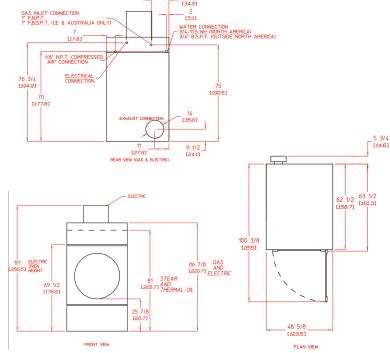
and regulated 80 psi-10 psi (5.51 bar ±0.68 bar) air supply.

** Compressed air is not required with optional steam solenoid valve.

American Dryer Corp.

† Optional Steam Coil Connection Differ. Refer to Installation Manual.





Electrical Service Specifications								
SERVICE VOLTAGE	PHASE	WIRE SERVICE	APPROX AMP Draw		CIRCUIT			
VULIAGE			60 Hz	50 Hz	BREAKER			
GAS & STEAM (reversing)								
208	3ø	3	15		20			
220	3ø	3	14		20			
230	3ø	3		18	25			
240	3ø	3	15	18	20			
380	3ø	4*	9	9	15			
400	3ø	4*		9	15			
416	3ø	4*		10	15			
440	3ø	3	9	8.7	15			
460	3ø	3	8		15			
480	3ø	3	8		15			
575	3ø	3	7		15			

Electrical Service Specifications										
SERVICE	DUAGE	WIRE SERVICE	APPROX AMP DRAW		CIRCUIT					
VOLTAGE	PHASE		60 Hz	50 Hz	BREAKER					
72 kW Electric										
208	3ø	3	215		300					
230	3ø	3		184	250					
240	3ø	3	188		250					
380	3ø	4*		119	150					
400	3ø	4*		104	150					
416	3ø	4*		109	150					
460	3ø	3	91		125					
480	3ø	3	95		125					
575	3ø	3	79		100					
75.6 kW Electric										
220	3ø	3	214		300					
440	3ø	3	108	-	150					
60.5 (Nominal) kW Electric										
220	3ø	3	173	-	225					
240	3ø	3		-	125					
380	3ø	3	101	101	150					

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88 Currant Road Fall River, MA 02720-4781 • 508.678.9000 • Fax: 508.678.9447 • Email: sales@amdry.com