## 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.

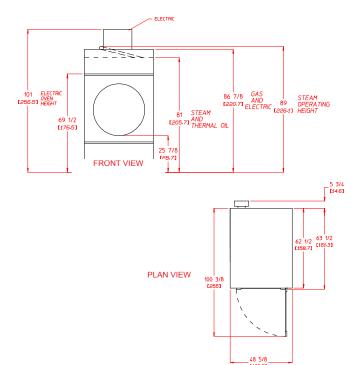
Your local ADC independent authorized distributor



# ADC AD-120

AD-120 Specifications							
Tumbl	ler Capa	city (Dry Weig		120 lbs. (54.43 kg)			
	ler Diam			44-5/8" (113.35 cm)			
Tumbl	ler Dept	:h		42-1/8" (107 cm)			
	ler Volui			38.10 cu ft (1,078.87 L)			
		e Motor		3/4 hp (0.56 kW)			
	r/Fan M			3 hp (2.24 kW)			
		(Diameter)		31-3/8" (79.69 cm)			
	Sill Heig	•		25-7/8" (65.72 cm)			
		Connection		25-776 (03.72 Citi)			
			North America North America	3/4" F.N.P.T. (11.5 N.H.) 3/4" B.S.P.T.			
Dryers	per 20'	'/40' Containe	er	3/7			
Dryers	per 48'	//53′Truck		9/10			
Width				48-5/8" (123.5 cm)			
Depth				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 Shipp	oing Weight	1,500 lb (680.4 kg)			
	Airflo	N	60 Hz	2,150 cfm (60.88 cmm)			
10			50 Hz	1,791 cfm (50.71 cmm)			
ā	Heat Input			375,000 Btu/hr (94,498 kcal/hr)			
G	Exhau	st Connectio	n (Diameter)	14" (35.56 cm)			
	Comp	ressed Air Co	nnection	N/A			
	Comp	ressed Air Vo	lume	N/A			
				1" F.N.P.T.			
	Inlet P	ipe Connecti	ion	1" F.B.S.P.T. (CE and Australia Only)			
	Voltac	ge Available		208-575V 3ø 3,4w 50/60 Hz			
	_	ximate Net V	Veight	1,500 lb (680.4 kg)			
		ximate Shipp	_	1,555 lb (705.3 kg)			
	Airflo		60 Hz	2,150 cfm (60.88 cmm)			
ĿĽ	7	•		1,791 cfm (50.71 cmm)			
두	Exhaust Connection (Diameter)			1,791 cfm (50.71 cmm)			
u	Exhau	st Connectio	50 Hz	1,791 cfm (50.71 cmm) 14" (35.56 cm)			
<u> </u>			n (Diameter)				
Electric	Comp	ist Connection ressed Air Co	n (Diameter)	14" (35.56 cm)			
Elec	Comp	ressed Air Co	n (Diameter) onnection olume	14" (35.56 cm) N / A			
Elec	Comp	ressed Air Co ressed Air Vo	n (Diameter) onnection olume	14" (35.56 cm) N / A			
Elec	Comp Comp kW 72	oressed Air Co oressed Air Vo Oven S Btu/hr 245,700	on (Diameter) connection clume Size kcal/hr 61,900	14" (35.56 cm) N / A			
Elec	Comp Comp kW 72 75.6	oressed Air Co oressed Air Vo Oven S Btu/hr 245,700 258,000	n (Diameter) onnection olume Size kcal/hr	14" (35.56 cm) N / A N / A			
Elec	kW 72 75.6 Voltag	oressed Air Co oressed Air Vo Oven S Btu/hr 245,700 258,000 ge Available	on (Diameter) connection clume Size kcal/hr 61,900 65,000	14" (35.56 cm)  N / A  N / A  208-575V 3ø 3,4w 50/60 Hz			
Elec	Comp Comp kW 72 75.6 Voltag	oressed Air Co oressed Air Vo Oven S Btu/hr 245,700 258,000 ge Available oximate Net V	on (Diameter) connection connection colume Size kcal/hr 61,900 65,000 Veight	14" (35.56 cm)  N / A  N / A  N / A  208-575V 3ø 3,4w 50/60 Hz  1,730 lb (784.7 kg)			
Elec	kW 72 75.6 Voltage Approx	oressed Air Co Oven S Btu/hr 245,700 258,000 Je Available oximate Net V oximate Shipp	n (Diameter)  nnection  lume  Size  kcal/hr  61,900  65,000  Veight  bing Weight	14" (35.56 cm)  N / A  N / A  N / A  208-575V 3ø 3,4w 50/60 Hz  1,730 lb (784.7 kg)  1,790 lb (811.9 kg)			
Elec	Comp Comp kW 72 75.6 Voltag	oressed Air Co Oven S Btu/hr 245,700 258,000 Je Available oximate Net V oximate Shipp	on (Diameter) connection connection colume Size kcal/hr 61,900 65,000  Veight cong Weight 60 Hz	14" (35.56 cm)  N / A  N / A  N / A  208-575V 3ø 3,4w 50/60 Hz  1,730 lb (784.7 kg)  1,790 lb (811.9 kg)  2,150 cfm (60.88 cmm)			
	Comp Comp kW 72 75.6 Voltag Appro Airflox	oressed Air Co Oven S Btu/hr 245,700 258,000 ge Available oximate Net V oximate Shipp	on (Diameter) connection clume Size kcal/hr 61,900 65,000  Veight bing Weight 60 Hz 50 Hz	14" (35.56 cm)  N / A  N / A  208-575V 3ø 3,4w 50/60 Hz  1,730 lb (784.7 kg)  1,790 lb (811.9 kg)  2,150 cfm (60.88 cmm)  1,791 cfm (50.71 cmm)			
	kW 72 75.6 Voltage Approcal Airflow Steam	oressed Air Co- oressed Air Vo- Oven S Btu/hr 245,700 258,000 ge Available oximate Net V oximate Shipp w	on (Diameter) connection clume Size kcal/hr 61,900 65,000  Veight cong Weight 50 Hz 50 Hz	14" (35.56 cm)  N / A  N / A  N / A  208-575V 3ø 3,4w 50/60 Hz  1,730 lb (784.7 kg)  1,790 lb (811.9 kg)  2,150 cfm (60.88 cmm)  1,791 cfm (50.71 cmm)  450 lb/hr (204.12 kg/hr)			
	Comp Comp kW 72 75.6 Voltag Appro Airflox Steam	oressed Air Co Oven S Btu/hr 245,700 258,000 ge Available oximate Shipp w	on (Diameter) connection connecti	14" (35.56 cm)  N / A  N / A  N / A  208-575V 3ø 3,4w 50/60 Hz  1,730 lb (784.7 kg)  1,790 lb (811.9 kg)  2,150 cfm (60.88 cmm)  1,791 cfm (50.71 cmm)  450 lb/hr (204.12 kg/hr)  125 psi max (8.62 bar, 862 kPa)			
Steam* Elec	Comp Comp kW 72 75.6 Voltag Appro Airflox Steam Opera	oressed Air Co Oven S Btu/hr 245,700 258,000 ge Available oximate Shipp w an Consumption of Steam P ist Connection	on (Diameter) connection clume Size kcal/hr 61,900 65,000  Weight bing Weight 60 Hz 50 Hz con	14" (35.56 cm)  N / A  N / A  N / A  208-575V 3ø 3,4w 50/60 Hz  1,730 lb (784.7 kg)  1,790 lb (811.9 kg)  2,150 cfm (60.88 cmm)  1,791 cfm (50.71 cmm)  450 lb/hr (204.12 kg/hr)  125 psi max (8.62 bar, 862 kPa)  14" (35.56 cm)			
	Comp Comp kW 72 75.6 Voltag Appro Airflox Steam Opera Exhau	oressed Air Co Oven S Btu/hr 245,700 258,000 ge Available eximate Shipp w a Consumptic string Steam P ast Connection oressed Air Co	on (Diameter) connection connecti	14" (35.56 cm)  N / A  N / A  N / A  208-575V 3ø 3,4w 50/60 Hz  1,730 lb (784.7 kg)  1,790 lb (811.9 kg)  2,150 cfm (60.88 cmm)  1,791 cfm (50.71 cmm)  450 lb/hr (204.12 kg/hr)  125 psi max (8.62 bar, 862 kPa)  14" (35.56 cm)  1/8" N.P.T.			
	Comp Comp kW 72 75.6 Voltag Appro Airflox Steam Opera Exhau Comp	oressed Air Co Oven S Btu/hr 245,700 258,000 ge Available oximate Net V oximate Shipp w a Consumptic string Steam P sist Connection oressed Air Co	with (Diameter) connection connec	14" (35.56 cm)  N / A  N / A  N / A  208-575V 3ø 3,4w 50/60 Hz  1,730 lb (784.7 kg)  1,790 lb (811.9 kg)  2,150 cfm (60.88 cmm)  1,791 cfm (50.71 cmm)  450 lb/hr (204.12 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)			
	Comp Comp kW 72 75.6 Voltag Appro Airflox Steam Opera Exhau Comp	oressed Air Co Oven S Btu/hr 245,700 258,000 ge Available eximate Shipp w a Consumptic string Steam P ast Connection oressed Air Co	with (Diameter) connection connec	14" (35.56 cm)  N / A  N / A  N / A  208-575V 3ø 3,4w 50/60 Hz  1,730 lb (784.7 kg)  1,790 lb (811.9 kg)  2,150 cfm (60.88 cmm)  1,791 cfm (50.71 cmm)  450 lb/hr (204.12 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			
	kW 72 75.6 Voltag Appro Airflov Steam Opera Exhau Comp Boiler	oressed Air Co Oven S Btu/hr 245,700 258,000 ge Available oximate Net V oximate Shipp w a Consumptic string Steam P sist Connectio oressed Air Co Oressed Air Co HP (Normal Lo	with (Diameter) connection connec	14" (35.56 cm)  N / A  N / A  N / A  208-575V 3ø 3,4w 50/60 Hz  1,730 lb (784.7 kg)  1,790 lb (811.9 kg)  2,150 cfm (60.88 cmm)  1,791 cfm (50.71 cmm)  450 lb/hr (204.12 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)			
	kW 72 75.6 Voltage Approx Airflow Steam Comp Comp Boiler Stand	oressed Air Co Oven S Btu/hr 245,700 258,000 ge Available oximate Net V oximate Shipp w a Consumptic string Steam P sist Connectio oressed Air Co oressed Air Co oressed Air Co ard Supply Co	on (Diameter) connection connecti	14" (35.56 cm)  N / A  N / A  N / A  208-575V 3ø 3,4w 50/60 Hz  1,730 lb (784.7 kg)  1,790 lb (811.9 kg)  2,150 cfm (60.88 cmm)  1,791 cfm (50.71 cmm)  450 lb/hr (204.12 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			

	30
	[76.2]
	22 3/16
	18 3/16
GAS INLET CONNECTION 1" F.N.P.T.	
1" F.B.S.P.T. (CE & AUSTRALIA ONLY)	[46.2] - 13 3/4 [34.9]
2" FPT	
2* FPT THERMAL OIL RETURN CONNECTION—	10 7/8
(2) I' MNPT	[27.6]
3 1/4 CONNECTIONS  3 1/4 CONNECTIONS	. \  \
[8.3] 3 7/8 <sub>7</sub>	WATER CONNECTION  3 1/4  7 3/4-115 NH (NORTH AMERICA)  [8-31]
[9.8]	3/4" B.S.P.T. (OUTSIDE NORTH AMERICA)
1/8" N.P.T. COMPRESSED	
1/8" N.P.T. COMPRESSED AIR' CONNECTION	/ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	(2) 1 1/4 M.N.P.T. STEAM SUPPLY CONNECTIONS
ELECTRICAL	CONNECTIONS
CONNECTION	'2" FPT ""
74 72 1/2	THERMAL OIL SUPPLY CONNECTION
[188] 5404.01 70	75 75 1/2
76 3/4	[190.5] [191.6]
[194.9]	14
	EXHAUST CONNECTION [35.6]
	135.61
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1 1 1 1	~ 1
	11
	[27.9] 9 1/2
REAR VIEW	REAR VIEW [24:1]



Electrical Service Specifications								
SERVICE	PHASE	WIRE SERVICE	APPROX AMP Draw		CIRCUIT			
VOLTAGE			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	PHASE	WIRE	APPROX AMP DRAW		CIRCUIT				
VOLTAGE	PHASE	SERVICE	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				

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.

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



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