# 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



www.amdry.com

## ADC AD-120

	cifications	GAS N E		F	30 [76.2]	13_3/4					
Tumbler Capacity (dry weight)	120 lbs. (54.43 kg)	1" F.B.S.P." 1" F.B.S.P."	T CONNECTION T. (CE & AUSTRALIA ONLY)			[34.9] 10 7/8					
Tumbler Diameter	44-5/8" (113.35 cm)	3 1/4	(2) 1° M.N.P.T. STEAM RETURN - CONNECTIONS			[27:6] 2 [5:1]					
Tumbler Depth	42-1/8" (107 cm)	[8.3]	7 [17:8]		¥=17	WATER COI 	NNECTION I (NORTH AM F. (OUTSIDE	IERICA) NORTH AMERI	3 1/4 (8-31		
Tumbler Volume	38.10 cu ft (1,078.87 L)		1/8" N.P.T. COMPRESSED		Jes C						
Tumbler/Drive Motor	3/4 hp (0.56 kW)	74				(2) 1 1/4 STEAM S CONNECT	M.N.P.T. SUPPLY TONS				
Blower/Fan Motor	3 hp (2.24 kW)	11883 E						75			
Door Opening (Diameter)	31-3/8" (79.69 cm)	10 5/4 70 [194.9] [177.8]						[190.5]	75 1/2 [191-8]		
Door Sill Height	25-7/8" (65.72 cm)			EXHAUST		14 [35.6]					
S.A.F.E. Water Connection North America Outside North America	3/4″ F.N.P.T. (11.5 N.H.) 3/4″ B.S.P.T.	R	EAR VIEW	[2	11 7.9] R VEW	_9 [24		_			
Dryers per 20'/40' Container	3/7										
Dryers per 48'/53'Truck	9/10	•							-		
Width	48-5/8" (123.5 cm)					7					
Depth	63-1/2" (161.3 cm)				=						
Height (gas and electric/steam)	86-7/8" (220.7 cm) / 89" (226.1cm)	101 ELECT 101 ELECT 0VEN 1256-53 HEIGH	TRIC IT			80	5 7/8 G. 20.7 <b>1</b> ELE	AS ND	STEAL	M A TING	
Airflow gas/electric/steam 60 Hz 50 Hz	2,150 cfm (60.88 cmm) 1,791 cfm (50.71 cmm)		69 1/2 [176:5]			81 05.7] STEAM	1	<sup>L I RIC</sup> [2	226.13 HEIGH	Ť	
Exhaust Connection	14″ (35.56 cm)				25 7/8 [65.7]						5 3/4
GAS MODEL: Approx. Net Wt. Approx. Ship Wt. Heat Input	375,000 btu/hr (94,498 kcal/hr)		FROI	NT VIEW			_ [				[14:6]
Inlet Pipe Connection	1" F.N.P.T. 1" F.B.S.P.T. (CE and Austrailia Only)								61 [1	2 1/2 63 58.71 [161	1/2 .3 <b>]</b>
ELECTRIC MODEL: Approx. Net Wt. Approx. Ship Wt. Exhaust Connection Ven Size kW Btu/hr (kcal/hr) 72 245,700 (61,900)	1″ F.B.S.P.T.	SERVICE		ecificati	CIRCUIT	EW 100 3/ (255)	8	_48 5/8 [1235]	6/ [4	2 1/2 63 58.71 [165	/2 .3]
ELECTRIC MODEL: Approx. Net Wt. Approx. Ship Wt. Exhaust Connection Oven Size kW Btu/hr (kcal/hr)	1" F.B.S.P.T. (CE and Austrailia Only) 1,500 lbs (680.4 kg) 1,555 lbs (705.3 kg)		WIRE APPROX SERVICE 60 Hz	ecificati AMP DRAW 50 Hz	ons	EW 100 3/ (285)	8		6; [1	2 1/2 63 58.7] [165	/2 .31
ELECTRIC MODEL: Approx. Net Wt. Approx. Ship Wt. Exhaust Connection Ven Size kW Btu/hr (kcal/hr) 72 245,700 (61,900)	1" F.B.S.P.T. (CE and Austrailia Only) 1,500 lbs (680.4 kg) 1,555 lbs (705.3 kg)	SERVICE	WIRE APPROX	ecificati AMP DRAW 50 Hz	ONS CIRCUIT		\ \ \	[123.51]	ce Spec		
ELECTRIC MODEL: Approx. Net Wt. Approx. Ship Wt. Exhaust Connection Ww Btu/hr (kcal/hr) 72 245,700 (61,900) 75.6 258,000 (65,000) Steam MODEL*: Approx. Net Wt.	1" F.B.S.P.T. (CE and Austrailia Only) 1,500 lbs (680.4 kg) 1,555 lbs (705.3 kg) 14" (35.56 cm) 1,730 lbs. (784.7 kg)	SERVICE VOLTAGEPHASE2083ø2403ø	WIRE SERVICE  APPROX 60 Hz    72 kW Electrii    3  214    3  188	ecificati AMP DRAW 50 Hz c 	CIRCUIT BREAKER 300 250	Ele		I Servi WIRE		ificatio	D <mark>ns</mark> circuit
ELECTRIC MODEL: Approx. Net Wt. Approx. Ship Wt. Exhaust Connection Oven Size kW Btu/hr (kcal/hr) 72 245,700 (61,900) 75.6 258,000 (65,000) Steam MODEL*: Approx. Net Wt. Approx. Ship Wt.	1" F.B.S.P.T. (CE and Austrailia Only) 1,500 lbs (680.4 kg) 1,555 lbs (705.3 kg) 14" (35.56 cm) 1,730 lbs. (784.7 kg) 1,790 lbs. (811.9 kg)	SERVICE VOLTAGE 208 3ø	WIRE SERVICE  APPROX 60 Hz    72 kW Electric    3  214	ecificati AMP DRAW 50 Hz c	ONS CIRCUIT BREAKER 300	Ele	ctrica PHASE	U23-51	ce Spec	ificatio (AMP WW 50 Hz	DNS
ELECTRIC MODEL: Approx. Net Wt. Approx. Ship Wt. Exhaust Connection Oven Size kW Btu/hr (kcal/hr) 72 245,700 (61,900) 75.6 258,000 (65,000) Steam MODEL*: Approx. Net Wt. Approx. Ship Wt. Airflow 60 Hz 50 Hz	1" F.B.S.P.T. (CE and Austrailia Only) 1,500 lbs (680.4 kg) 1,555 lbs (705.3 kg) 14" (35.56 cm) 1,730 lbs. (784.7 kg) 1,790 lbs. (811.9 kg) 2,150 cfm (60.88 cmm) 1,791 cfm (50.71 cmm)	SERVICE VOLTAGE  PHASE    208  3ø    240  3ø    230  3ø    380  3ø    380  3ø	WIRE SERVICE  APPROX 60 Hz    72 kW Electri    3  214    3  188    3     3  118    4	Contraction Contr	CIRCUIT BREAKER 300 250 250 150 150	Ele	ectrica PHASE GA	U23-51	ce Spec	ificatio (AMP W 50 Hz ing)	DNS CIRCUIT BREAKER
ELECTRIC MODEL: Approx. Net Wt. Approx. Ship Wt. Exhaust Connection Ven Size kW Btu/hr (kcal/hr) 72 245,700 (61,900) 75.6 258,000 (65,000) Steam MODEL*: Approx. Net Wt. Airflow 60 Hz 50 Hz Steam Consumption	1" F.B.S.P.T. (CE and Austrailia Only) 1,500 lbs (680.4 kg) 1,555 lbs (705.3 kg) 14" (35.56 cm) 1,730 lbs. (784.7 kg) 1,790 lbs. (811.9 kg) 2,150 cfm (60.88 cmm) 1,791 cfm (50.71 cmm) 450 lb/hr (204.12kg/hr)	SERVICE VOLTAGE  PHASE    208  3ø    240  3ø    230  3ø    380  3ø	WIRE SERVICE  APPROX 60 Hz    72 kW Electri    3  214    3  188    3  -    3  118	Contraction Contra	CIRCUIT BREAKER 300 250 250 150	Ele	ctrica PHASE	U23-51	ce Spec	ificatio (AMP WW 50 Hz	D <mark>ns</mark> circuit
ELECTRIC MODEL: Approx. Net Wt. Approx. Ship Wt. Exhaust Connection Oven Size kW Btu/hr (kcal/hr) 72 245,700 (61,900) 75.6 258,000 (65,000) Steam MODEL*: Approx. Net Wt. Approx. Ship Wt. Airflow 60 Hz 50 Hz	1" F.B.S.P.T. (CE and Austrailia Only) 1,500 lbs (680.4 kg) 1,555 lbs (705.3 kg) 14" (35.56 cm) 1,730 lbs. (784.7 kg) 1,790 lbs. (811.9 kg) 2,150 cfm (60.88 cmm) 1,791 cfm (50.71 cmm) 450 lb/hr (204.12kg/hr)	SERVICE VOLTAGE  PHASE    208  3ø    240  3ø    230  3ø    380  3ø    380  3ø    400  3ø    416  3ø	WIRE SERVICE  APPROX 60 Hz    3  214    3  214    3  188    3     3  118    4     4*     4*     4*     3  98	ecificati AMP DRAW 50 Hz c  198  118 113 108 	CIRCUIT BREAKER 250 250 150 150 150 150 250 150 150 250	Ele SERVICE VOLTAGE 208 220 240	Ctrica PHASE GA 3ø 3ø 3ø	I Servi WIRE SERVICE S & STEA 3 3 3	Ce Spec APPR0 0B/ 60 Hz 14.5 13.5 14.6	ificatie (AMP W 50 Hz sing)  	CIRCUIT BREAKER 20 20 20 20
ELECTRIC MODEL: Approx. Net Wt. Approx. Ship Wt. Exhaust Connection Ven Size kW Btu/hr (kcal/hr) 72 245,700 (61,900) 75.6 258,000 (65,000) Steam MODEL*: Approx. Net Wt. Approx. Ship Wt. Airflow 60 Hz 50 Hz Steam Consumption Operating Steam Pressure Compressed Air Connection** Compressed Air Volume	1" F.B.S.P.T. (CE and Austrailia Only) 1,500 lbs (680.4 kg) 1,555 lbs (705.3 kg) 14" (35.56 cm) 1,730 lbs. (784.7 kg) 1,790 lbs. (811.9 kg) 2,150 cfm (60.88 cmm) 1,791 cfm (50.71 cmm) 450 lb/hr (204.12kg/hr) 125 psi max (8.6 bar) 1/8" N.P.T. 4.25 cfh (0.12 cmh)	SERVICE VOLTAGE  PHASE    208  3ø    240  3ø    230  3ø    380  3ø    380  3ø    400  3ø    416  3ø    480  3ø	WIRE SERVICE  APPROX 60 Hz    3  214    3  188    3     3  118    4*     4*     4*     4*     4*     4*	Cificati AMP DRAW 50 Hz C  198  118 113 108	CIRCUIT BREAKER 300 250 250 150 150 150 150	Ele SERVICE VOLTAGE 208 220	ectrica Phase GA 30 30	I Servi WIRE SERVICE S & STEA 3 3	Ce Spec APPRO DR/ 60 Hz 14.5 13.5	ificatio (AMP W 50 Hz sing) 	DINS CIRCUIT BREAKER 20 20
ELECTRIC MODEL: Approx. Net Wt. Approx. Ship Wt. Exhaust Connection Ven Size kW Btu/hr (kcal/hr) 72 245,700 (61,900) 75.6 258,000 (65,000) Steam MODEL*: Approx. Net Wt. Approx. Net Wt. Airflow 60 Hz 50 Hz Steam Consumption Operating Steam Pressure Compressed Air Connection** Compressed Air Volume Exhaust Connection (Diameter)	1" F.B.S.P.T. (CE and Austrailia Only) 1,500 lbs (680.4 kg) 1,555 lbs (705.3 kg) 14" (35.56 cm) 1,790 lbs. (784.7 kg) 1,790 lbs. (811.9 kg) 2,150 cfm (60.88 cmm) 1,791 cfm (50.71 cmm) 450 lb/hr (204.12kg/hr) 125 psi max (8.6 bar) 1/8" N.P.T. 4.25 cfh (0.12 cmh) 14" (35.56 cm)	SERVICE VOLTAGE  PHASE    208  3ø    240  3ø    230  3ø    380  3ø    380  3ø    400  3ø    446  3ø    480  3ø	WIRE SERVICE  APPROX 60 Hz    3  214    3  214    3  188    3     3  118    4     4*     4*     4*     3  98    3  94	ecificati AMP DRAW 50 Hz c  118 113 108  118 113 108  2 	CIRCUIT BREAKER 300 250 250 150 150 150 150 150 250 250 250 250 250 250 250 250 250 2	Ele SERVICE VOLTAGE 208 220 240 230 380 380	Ctrica PHASE GA 30 30 30 30 30 30 30	I Servi    WIRE    SERVICE    S & STEA    3    3    3    3    3    4*	Ce Spec APPRO DR/ 60 Hz 14.5 13.5 14.6 	ificatio (AMP ww 50 Hz ing)  17.4  17.4  8.7	DINS CIRCUIT BREAKER 20 20 20 20 20 25 15 15
ELECTRIC MODEL: Approx. Net Wt. Approx. Ship Wt. Exhaust Connection Ven Size kW Btu/hr (kcal/hr) 72 245,700 (61,900) 75.6 258,000 (65,000) Steam MODEL*: Approx. Net Wt. Approx. Net Wt. Airflow 60 Hz 50 Hz Steam Consumption Operating Steam Pressure Compressed Air Connection** Compressed Air Volume Exhaust Connection (Diameter) Boiler Horsepower (Normal Load) Supply Connection	1" F.B.S.P.T. (CE and Austrailia Only) 1,500 lbs (680.4 kg) 1,555 lbs (705.3 kg) 14" (35.56 cm) 1,790 lbs. (784.7 kg) 1,790 lbs. (811.9 kg) 2,150 cfm (60.88 cmm) 1,791 cfm (50.71 cmm) 450 lb/hr (204.12kg/hr) 125 psi max (8.6 bar) 1/8" N.P.T. 4.25 cfh (0.12 cmh) 14" (35.56 cm) 13 Bhp (2) 1-1/4" M.N.P.T.	SERVICE VOLTAGE  PHASE    208  3ø    240  3ø    230  3ø    380  3ø    380  3ø    400  3ø    440  3ø    575  3ø    440  3ø	WIRE SERVICE  APPROX 60 Hz    72 KW  60 Hz    3  214    3  188    3  118    3  118    4     3  118    4*     4*     4*     3  98    3  94    3  78    75.6 KW Electr  3		CIRCUIT BREAKER 300 250 250 250 150 150 150 150 150 150 150 150 150 1	Ele SERVICE VOLTAGE 208 220 240 230 380 380 380 400	Ctrica PHASE GA 30 30 30 30 30 30 30 30 30	I Servi    WIRE    SERVICE    S & STEA    3    3    3    3    3    4*    4*	Ce Spec APPRO DR/ 60 Hz M (revers 14.5 13.5 14.6 	ificatio (AMP 50 Hz ing)  17.4  17.4  8.7 8.7	DINS CIRCUIT BREAKER 20 20 20 20 20 15 15 15 15
ELECTRIC MODEL: Approx. Net Wt. Approx. Ship Wt. Exhaust Connection Ven Size kW Btu/hr (kcal/hr) 72 245,700 (61,900) 75.6 258,000 (65,000) Steam MODEL*: Approx. Net Wt. Approx. Net Wt. Airflow 60 Hz 50 Hz Steam Consumption Operating Steam Pressure Compressed Air Connection** Compressed Air Volume Exhaust Connection (Diameter) Boiler Horsepower (Normal Load)	1" F.B.S.P.T. (CE and Austrailia Only) 1,500 lbs (680.4 kg) 1,555 lbs (705.3 kg) 14" (35.56 cm) 1,790 lbs. (784.7 kg) 1,790 lbs. (811.9 kg) 2,150 cfm (60.88 cmm) 1,791 cfm (50.71 cmm) 450 lb/hr (204.12kg/hr) 125 psi max (8.6 bar) 1/8" N.P.T. 4.25 cfh (0.12 cmh) 14" (35.56 cm) 13 Bhp	SERVICE VOLTAGE  PHASE    208  3ø    240  3ø    230  3ø    380  3ø    380  3ø    400  3ø    440  3ø    440  3ø    450  3ø    575  3ø	WIRE SERVICE  APPROX 60 Hz    72 kW Electrit    3  214    3  188    33  118    34  118    4     4*     4*     4  3    33  98    34  34    53  98    33  78    75.6 kW Electrit	Cificati AMP DRAW 50 Hz 50 Hz	CIRCUIT BREAKER 300 250 250 250 150 150 150 150 150 150 150 150 150 1	Ele SERVICE VOLTAGE 208 220 240 230 380 380	Ctrica PHASE GA 30 30 30 30 30 30 30	I Servi    WIRE    SERVICE    S & STEA    3    3    3    3    3    4*	Ce Spec APPRO DR/ 60 Hz 14.5 13.5 14.6 	ificatio (AMP ww 50 Hz ing)  17.4  17.4  8.7	DINS CIRCUIT BREAKER 20 20 20 20 20 25 15 15
ELECTRIC MODEL: Approx. Net Wt. Approx. Ship Wt. Exhaust Connection Ven Size WW Btu/hr (kcal/hr) 72 245,700 (61,900) 75.6 258,000 (65,000) Steam MODEL*: Approx. Net Wt. Approx. Net Wt. Airflow 60 Hz 50 Hz Steam Consumption Operating Steam Pressure Compressed Air Connection** Compressed Air Connection** Compressed Air Volume Exhaust Connection (Diameter) Boiler Horsepower (Normal Load) Supply Connection Return Connection	1"F.B.S.P.T. (CE and Austrailia Only) 1,500 lbs (680.4 kg) 1,555 lbs (705.3 kg) 14" (35.56 cm) 1,730 lbs. (784.7 kg) 1,790 lbs. (811.9 kg) 2,150 cfm (60.88 cmm) 1,791 cfm (50.71 cmm) 450 lb/hr (204.12kg/hr) 125 psi max (8.6 bar) 1/8" N.P.T. 4.25 cfh (0.12 cmh) 14" (35.56 cm) 13 Bhp (2) 1-1/4" M.N.P.T. (2) 1" M.N.P.T.	SERVICE VOLTAGE  PHASE    208  3ø    240  3ø    230  3ø    380  3ø    380  3ø    400  3ø    440  3ø    480  3ø    440  3ø    220  3ø	WIRE SERVICE  APPROX 60 Hz    72 KW Electri    3  214    3  188    3  174    3  188    3     4  3    4*     4*     4*     3  94    3  94    3  94    3  106    3  212    60 KW Electri  3    3  212	Cificati AMP DRAW 50 Hz  198          -	CIRCUIT BREAKER 300 250 250 150 150 150 150 150 150 125 125 125 125 125 125 125 125 125 125	Ele SERVICE VOLTAGE 208 220 240 230 380 380 380 400 416 440	Ctrica PHASE GA 30 30 30 30 30 30 30 30 30 30 30 30 30	I Servi    WIRE    SERVICE    S & STEA    3    3    3    4*    4*    4*    4    3    4	Ce Spec Appro. DR/ 60 Hz II 4.5 13.5 14.6 	ificatio (AMP W 50 Hz ing)  17.4  17.4  17.4  8.7 8.7 9.0 8.7 8.7 9.0	DIS CIRCUIT BREAKER 20 20 20 20 20 20 20 20 20 20 20 15 15 15 15 15 15 15 15
ELECTRIC MODEL: Approx. Net Wt. Approx. Ship Wt. Exhaust Connection Vern Size kW Btu/hr (kcal/hr) 72 245,700 (61,900) 75.6 258,000 (65,000) Steam MODEL*: Approx. Net Wt. Approx. Ship Wt. Airflow 60 Hz 50 Hz Steam Consumption Operating Steam Pressure Compressed Air Connection** Compressed Air Connection** Compressed Air Volume Exhaust Connection (Diameter) Boiler Horsepower (Normal Load) Supply Connection	1"F.B.S.P.T. (CE and Austrailia Only) 1,500 lbs (680.4 kg) 1,555 lbs (705.3 kg) 14" (35.56 cm) 1,790 lbs. (784.7 kg) 1,790 lbs. (811.9 kg) 2,150 cfm (60.88 cmm) 1,791 cfm (50.71 cmm) 450 lb/hr (204.12kg/hr) 125 psi max (8.6 bar) 1,8" N.P.T. 4.25 cfh (0.12 cmh) 14" (35.56 cm) 13 Bhp (2) 1-1/4" M.N.P.T. (2) 1" M.N.P.T.	SERVICE VOLTAGE  PHASE    208  3ø    240  3ø    230  3ø    380  3ø    380  3ø    400  3ø    440  3ø    575  3ø    440  3ø    220  3ø	WIRE SERVICE  APPROX 60 Hz    72 KW  60 Hz    3  214    3  188    3  118    3  118    4     4*     4*     4*     3  98    3  98    3  98    3  98    3  91    3  106    3  106    3  212	Cificati AMP DRAW 50 Hz  198 	CIRCUIT BREAKER 300 250 250 150 150 150 150 150 125 150 125 150 125 150 125 150 125 150 125 150 125 150 125 150	Ele SERVICE VOLTAGE 208 220 240 230 380 380 380 400 416 440	Ctrica PHASE GA 30 30 30 30 30 30 30 30 30 30 30 30 30	I Servi    WIRE    SERVICE    S & STEA    3    3    3    4*    4*    4*    3	Ce Spec APPR0: DR/ 60 Hz 14.5 13.5 14.6 	ificatio (AMP W 50 Hz ing)  17.4  17.4  17.4  8.7 8.7 9.0 8.7	DINS CIRCUIT BREAKER 200 200 200 200 201 15 15 15 15 15 15



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