

ADC EcoDry ES-50

50-lb Capacity OPL Dryer

Standard Features:

- 50-lb. Capacity
- Single Phase Reversing
- Residual Moisture Control (RMC)
- Self-Diagnostic Microprocessor Control
- 100% Axial Airflow
- Completely Sealed Basket
- Non-Perforated Ribs and Basket
- Dual-Paned Door Glass
- Four-Point Roller Support System
- High Capacity Lint Drawer

Optional Features:

- Stainless Steel Front, Cabinet & Basket
- S.A.F.E. (Sensor Activated Fire Extinguishing System)



ES-50 OPL Dryer

Why Purchase ADC EcoDry?

100% Axial Airflow (standard)

EcoDry tumblers incorporate a 100% axial airflow design with a completely sealed basket. This ensures the most efficient drying available on the market today without sacrificing dry times.

Four-Point Roller Support System (standard)

EcoDryers are designed with a four-point roller support system, eliminating costly repairs and downtime due to trunnion failures.

Single Phase Reversing (standard)

Single Phase Reversing is standard on the ES-50 and ES-76 (optional on other units). What once was an expensive option requiring an upgrade from single phase to three phase electrical service is now available in single phase. A reversing tumbler ensures that the load doesn't "rope" or "ball up", providing a quicker, more even drying process.

Residual Moisture Control (standard)

EcoDry utilizes a unique Residual Moisture Control (RMC) sensing system to measure the presence of moisture in the load. The patented system senses when the load is dry, shutting the unit down to prevent over-drying. This saves time, utility costs as well as prolongs the life of dried items.

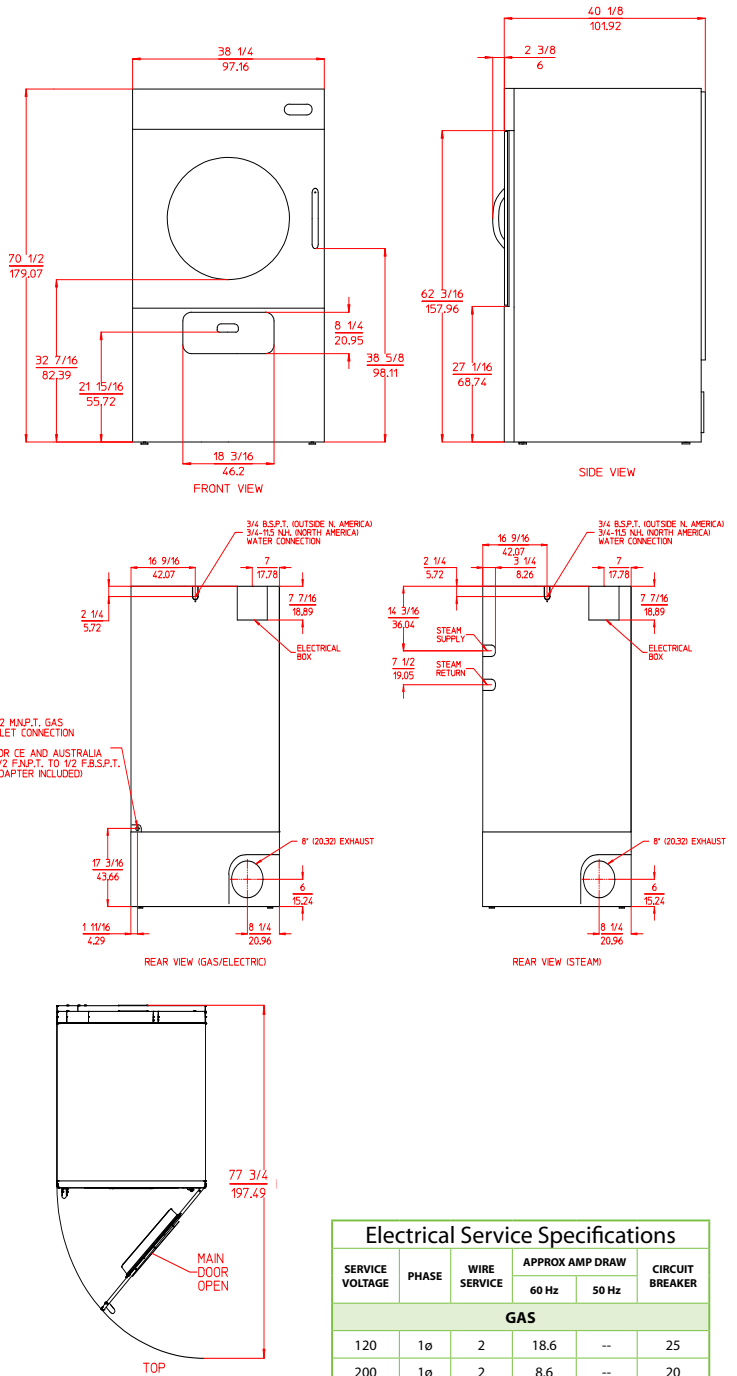
Your local ADC independent authorized distributor



ADC EcoDry ES-50

ES-50 Specifications

Tumbler Capacity (dry weight)	50 lbs. (22.68 kg)										
Tumbler Diameter	37" (93.98 cm)										
Tumbler Depth	25-3/4" (65.41 cm)										
Tumbler Volume	16.02 cu ft (453.64 L)										
Tumbler/Drive Motor	3/4 hp (0.56 kW)										
Blower/Fan Motor	3/4 hp (0.56 kW)										
Door Opening (Diameter)	27-3/8" (69.53 cm)										
Door Sill Height	27-5/16" (69.37 cm)										
S.A.F.E. Water Connection	3/4" - 11.5 NH										
Dryers per 20'/40' Container	10 / 22										
Dryers per 53' Truck	28										
Width	38-1/4" (97.16 cm)										
Depth	40-1/8" (101.92 cm)										
Height	70-1/2" (179.07 cm)										
Airflow gas/electric/steam	60 Hz 600 cfm (17.00 cmm) 50 Hz 500 cfm (14.16 cmm)										
Exhaust Connection	8" (20.32 cm)										
GAS MODEL:											
Approx. Net Wt.	610 lbs (276.69 kg)										
Approx. Ship Wt.	640 lbs (290.30 kg)										
Heat Input	110,000 btu/hr (27,720 kcal/hr)										
Inlet Pipe Connection	1/2" M.N.P.T.										
ELECTRICAL MODEL:											
Approx. Net Wt.	610 lbs (276.69 kg)										
Approx. Ship Wt.	640 lbs (290.30 kg)										
Exhaust Connection (Diameter)	8" (20.32 cm)										
<table border="1"> <thead> <tr> <th colspan="2">Oven Size</th> </tr> <tr> <th>kW</th> <th>Btu/hr (kcal/hr)</th> </tr> </thead> <tbody> <tr> <td>18.5</td> <td>63,105 (15,902)</td> </tr> <tr> <td>20.3</td> <td>69,418 (17,493)</td> </tr> <tr> <td>22.0</td> <td>75,084 (18,920)</td> </tr> </tbody> </table>		Oven Size		kW	Btu/hr (kcal/hr)	18.5	63,105 (15,902)	20.3	69,418 (17,493)	22.0	75,084 (18,920)
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kW	Btu/hr (kcal/hr)										
18.5	63,105 (15,902)										
20.3	69,418 (17,493)										
22.0	75,084 (18,920)										
STEAM MODEL:											
Approx. Net Wt.	610 lbs (276.69 kg)										
Approx. Ship Wt.	640 lbs (290.30 kg)										
Steam Consumption	107 lb/hr (48.53 kg/hr)										
Operating Steam Pressure	150 psi max (10.34 bar)										
Exhaust Connection (Diameter)	8" (15.24 cm)										
Boiler Horsepower (Normal Load)	3 Bhp										
Supply Connection	3/4" F.N.P.T.										
Return Connection	3/4" M.N.P.T.										



* Specifications in parentheses are metric equivalents.

1/28/10

Electrical Service Specifications

SERVICE VOLTAGE	PHASE	WIRE SERVICE	OVEN kW	APPROX AMP DRAW		CIRCUIT BREAKER	SERVICE VOLTAGE	PHASE	WIRE SERVICE	OVEN kW	APPROX AMP DRAW		CIRCUIT BREAKER
				60 Hz	50 Hz						60 Hz	50 Hz	
ELECTRIC													
200	1ø	2	20.3	114.4	--	150	220	3ø	3	18.5	60.2	57.8	80
208	1ø	2	22.0	118.7	--	150	230	3ø	3	20.3	--	60.0	80
220	1ø	2	18.5	95.7	93.3	120	240	3ø	3	22.0	64.2	--	80
230	1ø	2	20.3	--	97.2	130	380	3ø	4	18.5	39.6	37.2	50
240	1ø	2	22.0	103.0	--	130	400	3ø	4	20.3	--	40.2	50
208	3ø	3	22.0	73.8	--	100	416	3ø	4	22.0	--	39.6	50

Electrical Service Specifications

SERVICE VOLTAGE	PHASE	WIRE SERVICE	APPROX AMP DRAW		CIRCUIT BREAKER
			60 Hz	50 Hz	
GAS					
120	1ø	2	18.6	--	25
200	1ø	2	8.6	--	20
208	1ø	2	8.7	--	20
220	1ø	2	--	8.8	20
230	1ø	2	8.8	8.8	20
240	1ø	2	9.1	--	20
STEAM					
120	1ø	2	15.2	--	20
200	1ø	2	6.7	--	20
208	1ø	2	6.8	--	20
220	1ø	2	6.9	6.8	20
230	1ø	2	--	6.8	20
240	1ø	2	7.1	--	20



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* Specifications are subject to change without notice or obligation. Contact ADC for dimensions not shown or for clarification.

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