

# ADC EcoDry ES-50

## 50-lb Capacity Coin Dryer

### Standard Features:

- 50-lb. Capacity
- Single Phase Reversing
- 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
- Residual Moisture Control (Coin RMC)
- S.A.F.E. (Sensor Activated Fire Extinguishing System)
- Card Ready

COIN



ES-50 Coin 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.

#### Available Option: Residual Moisture Control

EcoDry utilizes a unique Residual Moisture Control (Coin RMC) sensing system to measure the presence of moisture in the load. The patented system will save the coin laundry owner utility costs as it senses when the load is dry even if there is time left on the coin meter. Coin RMC reduces the heat input while it continues to run the tumbler and provides the end-user with dry, warm clothes. Coin RMC ensures full revenue for the laundry owner while at the same time reducing utility costs.

Your local ADC independent authorized distributor



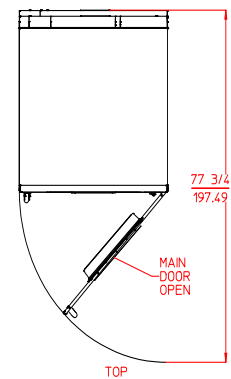
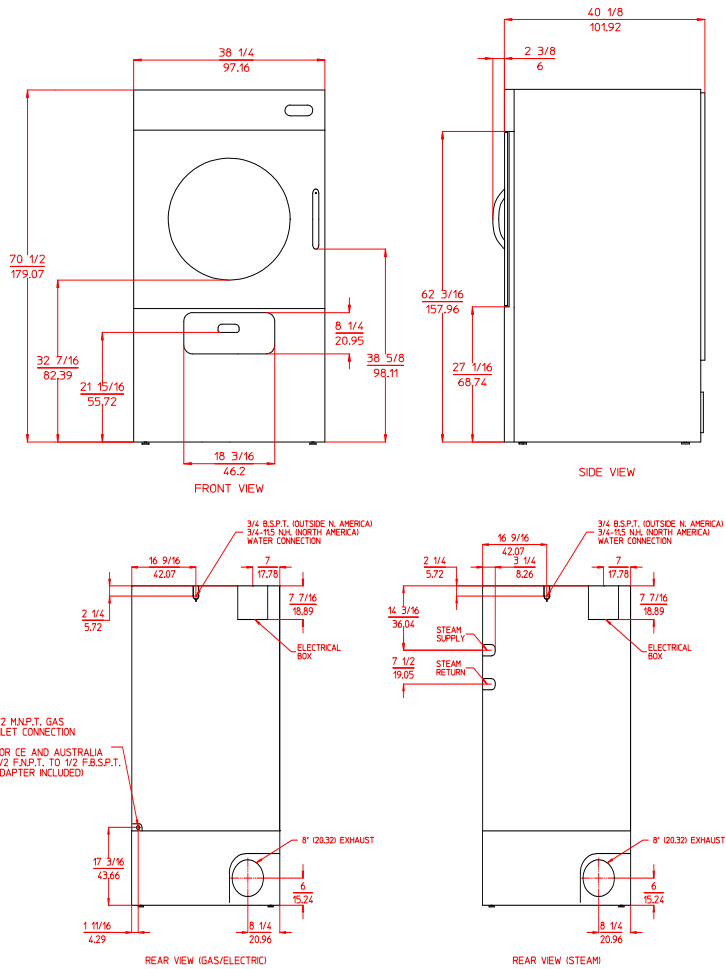
# ADC EcoDry ES-50

## 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	1/2 hp (0.37 kW)		
Door Opening (Diameter)	27-3/8" (69.53 cm)		
Door Sill Height	31-1/4" (79.375 cm)		
S.A.F.E. Water Connection	North America 3/4" F.N.P.T. (11.5 N.H.) Outside North America 3/4" B.S.P.T.		
Dryers per 20'/40' Container	10 / 22		
Dryers per 48'/53' Truck	28		
<b>Gas</b>	Voltage Available	120-240V 1ø 2,3w 50/60 Hz	
	Approximate Net Weight	610 lb (276.69 kg)	
	Approximate Shipping Weight	640 lb (290.30 kg)	
	Airflow	60 Hz 600 cfm (17.00 cmm) 50 Hz 600 cfm (14.16 cmm)	
	Heat Input	110,000 Btu/hr (27,720 kcal/hr)	
	Exhaust Connection (Diameter)	8" (20.32 cm)	
	Compressed Air Connection	N / A	
	Compressed Air Volume	N / A	
	Inlet Pipe Connection	1/2" M.N.P.T.	
			1/2" F.B.S.P.T. (CE and Australia Only)
<b>Electric</b>	Voltage Available	200-416V 1,3ø 3,4w 50/60 Hz	
	Approximate Net Weight	610 lb (276.69 kg)	
	Approximate Shipping Weight	640 lb (290.30 kg)	
	Airflow	60 Hz 600 cfm (17.00 cmm) 50 Hz 500 cfm (14.16 cmm)	
	Exhaust Connection (Diameter)	8" (20.32 cm)	
	Compressed Air Connection	N / A	
	Compressed Air Volume	N / A	
	Oven Size		
	kW	Btu/hr	kcal/hr
	13.4	45,869	11,559
14.7	50,136	12,634	
14.8	50,545	12,737	
16.0	54,606	13,761	
22.0	75,084	18,920	
<b>Steam</b>	Voltage Available	120-240V 1ø 2,3w 50/60 Hz	
	Approximate Net Weight	610 lb (276.69 kg)	
	Approximate Shipping Weight	640 lb (290.30 kg)	
	Airflow	60 Hz 600 cfm (17.00 cmm) 50 Hz 500 cfm (14.16 cmm)	
	Steam Consumption	107 lb/hr (48.53 kg/hr)	
	Operating Steam Pressure	150 psi max (10.34 bar)	
	Exhaust Connection (Diameter)	8" (20.32 cm)	
	Compressed Air Connection	N / A	
	Compressed Air Volume	N / A	
	Boiler HP (Normal Load)	4 Bhp	
Standard Supply Connections	3/4" F.N.P.T.		
Standard Return Connections	3/4" F.N.P.T.		

\* Specifications in parentheses are metric equivalents.

8/27/15



Electrical Service Specifications						
SERVICE VOLTAGE	PHASE	WIRE SERVICE	APPROX AMP DRAW		CIRCUIT BREAKER	
			60 Hz	50 Hz		
<b>GAS</b>						
120	1ø	2	25.9	--	20	
200	1ø	2	14.7	--	15	
208	1ø	2	14.7	--	15	
220	1ø	2	12.0	11.3	15	
230	1ø	2	13.7	11.3	15	
240	1ø	2	13.4	11.8	15	
<b>STEAM</b>						
120	1ø	2	22.2	--	20	
200	1ø	2	12.8	--	15	
208	1ø	2	12.8	--	15	
220	1ø	2	11.8	9.4	15	
230	1ø	2	--	9.4	15	
240	1ø	2	11.4	--	15	

Electrical Service Specifications													
SERVICE VOLTAGE	PHASE	WIRE SERVICE	OVEN kW	APPROX AMP DRAW		CIRCUIT BREAKER	SERVICE VOLTAGE	PHASE	WIRE SERVICE	OVEN kW			
				60 Hz	50 Hz						60 Hz	50 Hz	
<b>ELECTRIC</b>						<b>ELECTRIC</b>							
200	1ø	2	14.8	86.7	--	125	220	3ø	3	13.4	47.0	44.6	60
208	1ø	2	16.0	89.9	--	125	230	3ø	3	14.7	--	46.2	60
220	1ø	2	13.4	72.8	70.4	100	240	3ø	3	16.0	49.8	--	80
230	1ø	2	14.7	--	73.2	100	380	3ø	4	13.4	32.0	37.2	40
240	1ø	2	16.0	78.0	--	100	400	3ø	4	14.0	--	32.0	50
208	3ø	3	16.0	57.2	--	80	416	3ø	4	16.0	--	31.2	40

For higher voltage please contact sales.

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