

ADC EcoDry ES-5050

50-lb x 2 Capacity OPL Stack Dryer

Standard Features:

- 50-lb. x 2 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
- Front Roller Support System

Optional Features:

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



ES-5050 OPL Stack 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.

Front Roller Support System (standard)

The ES-5050 is designed with a front roller support system that is designed to eliminate costly repairs and down-time due to trunnion failure.

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.

Available Option: Single Phase Reversing

Single Phase Reversing is an optional feature on the ES-5050. 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.

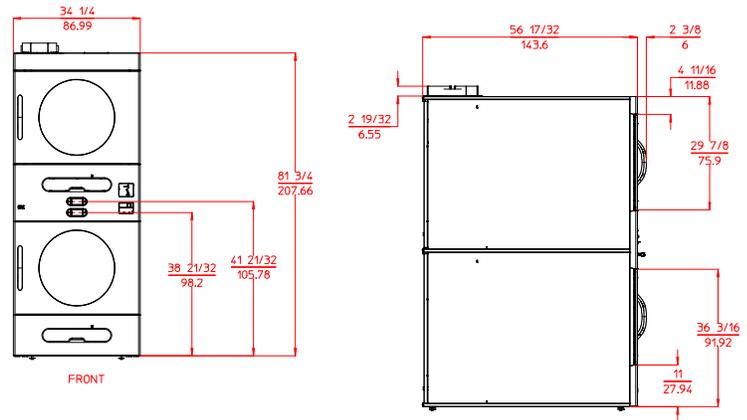
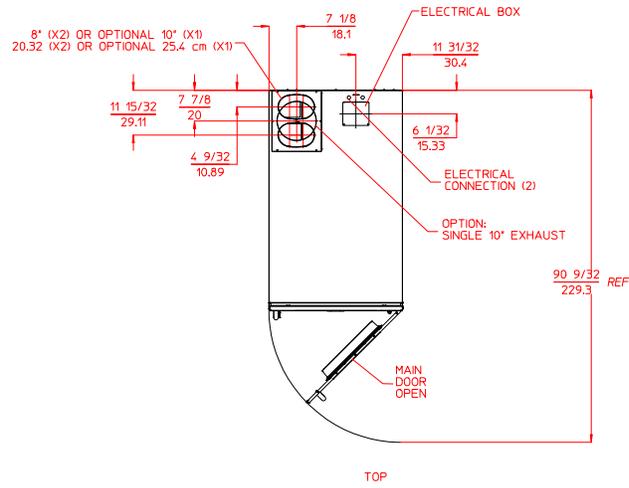
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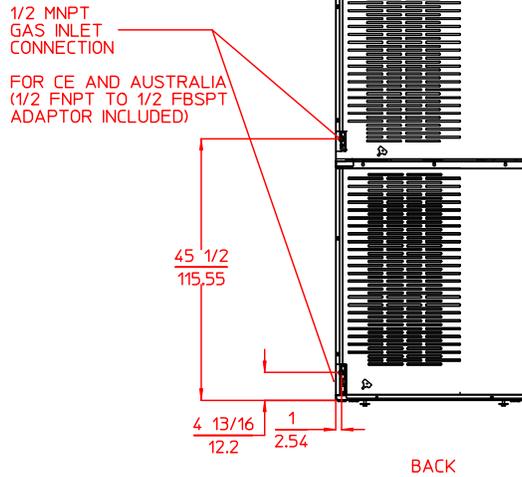
ADC EcoDry ES-5050

ES-5050 Specifications	
Tumbler Capacity (dry weight per pocket)	50 lbs. (22.68 kg) x 2
Tumbler Diameter	32-3/4" (83.19 cm)
Tumbler Depth	32-3/4" (83.19 cm)
Tumbler Volume per pocket	16 cu ft (453.0 L)
Tumbler/Drive Motor per pocket	1/3 hp (0.25 kW)
Blower/Fan Motor per pocket	60 Hz 1/4 hp (0.186 kW)
	50 Hz 1/2 hp (0.33 kW)
Door Opening (Diameter)	23-3/4" (60.3 cm)
Door Sill Height top pocket / bottom pocket	54-1/2" (138.4 cm) / 12" (30.5 cm)
S.A.F.E. Water Connection	N/A
Dryers per 20'/40' Container	8 / 16
Dryers per 48'/53' Truck	25 / 27
Width	34-1/4" (87.0 cm)
Depth	56-3/8" (143.2 cm)
Height	81-3/4" (207.66 cm)
Airflow per pocket	60 Hz 540 cfm (15.20 cmm)
	50 Hz 437 cfm (12.37 cmm)
Exhaust Connection	Standard 2 8" (20.32 cm)
	Optional 1 10" (25.4 cm)
GAS MODEL:	Approx. Net Wt. 900 lbs (408 kg)
	Approx. Ship Wt. 946 lbs (429 kg)
	Heat Input per pocket
	60 Hz 110,000 btu/hr (27,720 kcal/hr)
	50HZ 90,000 btu/hr (22,680 kcal/hr)
	Inlet Pipe Connection per pocket
	(CE and Australia Only) 1/2" F.B.S.P.T.
Water Connection	
(Outside North American) 3/4"-11.5 NH	
	3/4" B.S.P.T.



* Not available in electric or steam models.** Specifications in parentheses are metric equivalents. REV 12/05/11

Electrical Service Specifications per pocket					
SERVICE VOLTAGE	PHASE	WIRE SERVICE	APPROX AMP DRAW		CIRCUIT BREAKER
			60 Hz	50 Hz	
GAS					
120	1ø	2	13.0	--	20
200	1ø	2	9.7	--	15
208	1ø	2	9.7	--	15
220	1ø	2	9.4	--	15
240	1ø	2	9.3	--	15



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