

ADC EcoDry ES-3131

30-lb x 2 Capacity OPL Stack Dryer

Standard Features:

- 30-lb. x 2 Capacity
- 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

Optional Features:

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

OPL



ES-3131 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.

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.

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-3131. 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.

Your local ADC independent authorized distributor



www.amdry.com

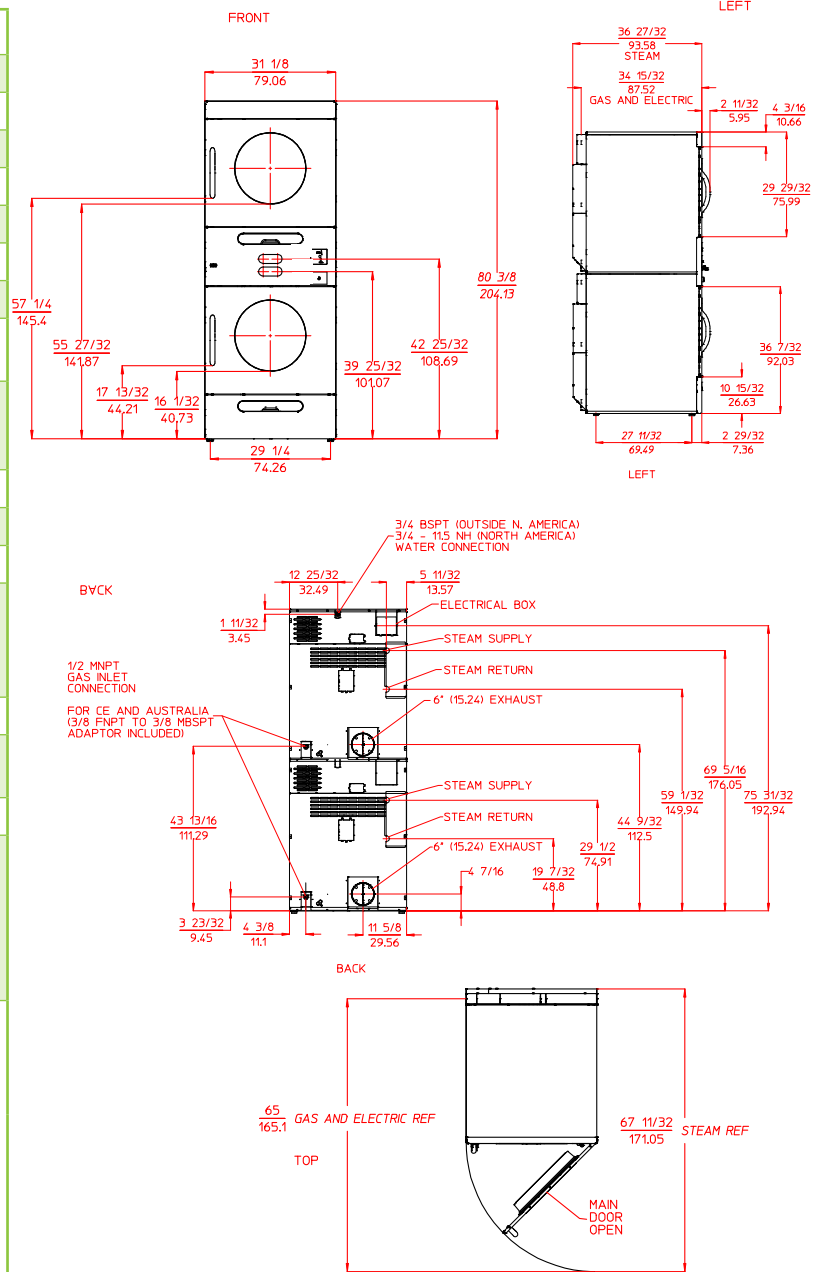
ADC EcoDry ES-3131

ES-3131 Specifications

Tumbler Capacity (dry weight per pocket)	30 lbs. (13.61 kg) x 2			
Tumbler Diameter	30" (76.20 cm)			
Tumbler Depth	27" (68.58 cm)			
Tumbler Volume per pocket	11.04 cu ft (312.62 L)			
Tumbler/Drive Motor per pocket	1/4 hp (0.19 kW)			
Blower/Fan Motor per pocket	1/2 hp (0.37 kW)			
Door Opening (Diameter)	19-3/8" (49.21 cm)			
Door Sill Height top pocket / bottom pocket	54-11/16" (138.91 cm) 14-7/8" (37.78 cm)			
S.A.F.E. Water Connection	North America 3/4"-11.5 NH Outside North America 3/4" B.S.P.T.			
Dryers per 20'/40' Container	12 / 28			
Dryers per 48'/53' Truck	34 / 38			
Width	31-1/8" (79.06 cm)			
Depth	gas	34-15/32" (87.52 cm)		
	electric	34-15/32" (87.52 cm)		
	steam	36-27/32" (93.58 cm)		
Height	80-3/8" (204.13 cm)			
Airflow per pocket	60 Hz	360 cfm (10.19 cmm)		
	gas/electric/steam	50 Hz 300 cfm (8.49 cmm)		
Exhaust Connection	6" (15.24 cm)			
GAS MODEL:	Approx. Net Wt.	550 lbs (249.48 kg)		
	Approx. Ship Wt.	580 lbs (263.08 kg)		
	Heat Input	55,000 btu/hr (13,860 kcal/hr)		
	Inlet Pipe Connection per pocket	1/2" M.N.P.T.		
	(CE and Australia Only)	3/8" M.B.S.P.T.		
ELECTRICAL MODEL:	Approx. Net Wt.	550 lbs (249.48 kg)		
	Approx. Ship Wt.	580 lbs (263.08 kg)		
	Exhaust Connection (Diameter) per pocket	6" (15.24 cm)		
	Oven Size per pocket	Oven Size per pocket		
	kW	Btu/hr (kcal/hr)	kW	Btu/hr (kcal/hr)
	7.9	26,962 (6,794)	11.3	38,566 (9,719)
	8.3	28,327 (7,138)	12.4	42,320 (10,665)
	9.0	30,716 (7,740)	12.5	42,661 (10,751)
STEAM MODEL:	Approx. Net Wt.	580 lbs (263.08 kg)		
	Approx. Ship Wt.	610 lbs (276.69 kg)		
	Steam Consumption per pocket	63 lb/hr (28.58 kg/hr)		
	Operating Steam Pressure	150 psi max (10.34 bar)		
	Exhaust Connection (Diameter) per pocket	6" (15.24 cm)		
	Boiler Horsepower (Normal Load) per pocket	1.75 Bhp		
	Supply Connection per pocket	1/2" F.N.P.T.		
	Return Connection per pocket	1/2" M.N.P.T.		

* Specifications in parentheses are metric equivalents.

9/30/05



Electrical Service Specifications					
SERVICE VOLTAGE	PHASE	WIRE SERVICE	APPROX AMP DRAW		CIRCUIT BREAKER
			60 Hz	50 Hz	
GAS					
120	1ø	2	10.3	--	15
200	1ø	2	8.7	8.8	15
208	1ø	2	8.4	--	15
220	1ø	2	8.1	8.1	15
230	1ø	2	--	7.4	15
240	1ø	2	7.7	7.0	15
STEAM					
120	1ø	2	9.3	--	15
208	1ø	2	6.2	6.0	15
220	1ø	2	5.6	5.5	15
230	1ø	2	--	5.4	15
240	1ø	2	5.1	--	15

Electrical Service Specifications						
SERVICE VOLTAGE	PHASE	WIRE SERVICE	OVEN KW	APPROX AMP DRAW		CIRCUIT BREAKER
				60 Hz	50 Hz	
ELECTRIC						
200	1ø	2	12.5	68.4	67.7	90
208	1ø	2	7.9	43.8	--	60
208	1ø	2	13.5	70.7	--	90
230	1ø	2	8.3	--	41.3	60
230	1ø	2	12.4	--	59.1	80
240	1ø	2	9.0	42.7	--	60
240	1ø	2	13.5	61.5	--	80
208	3ø	3	13.5	43.3	--	60
220	3ø	3	11.3	35.3	--	50
230	3ø	3	12.4	--	36.5	50
240	3ø	3	13.5	37.7	--	50
380	3ø	4	11.3	22.8	22.6	40
400	3ø	4	12.4	--	23.1	40
416	3ø	4	13.5	--	23.7	40



88 Currant Road Fall River, MA 02720-4781 • 508.678.9000 • Fax: 508.678.9447 • Email: sales@amdry.com

P/N 450611.A 02/10

www.amdry.com