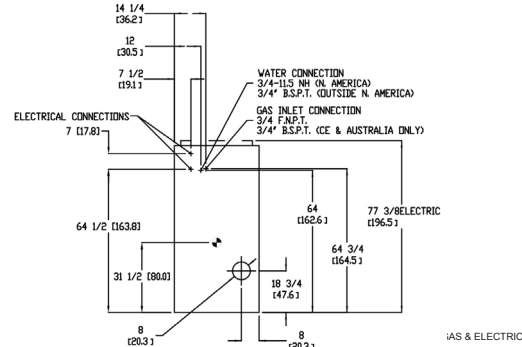
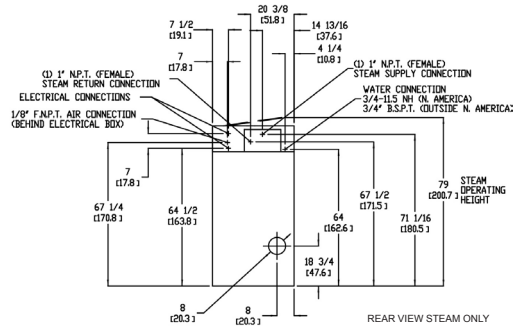
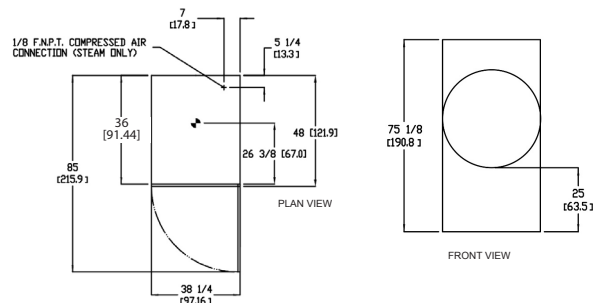


AD-120 Specifications			
Tumbler Capacity (Dry Weight)	75 lbs. (34.02 kg)		
Tumbler Diameter	36-1/4 (92.08 cm)		
Tumbler Depth	36 (91.44 cm)		
Tumbler Volume	21.50 cu ft (608.81 L)		
Tumbler/Drive Motor	1 hp / 1/2 hp (0.75kW/0.37 kW)*		
Blower/Fan Motor	~1 hp* (~0.75 kW)		
Door Opening (Diameter)	31-3/8(79.69 cm)		
Door Sill Height	28 (71.12 cm)		
S.A.F.E. Water Connection	North America	3/4 -11.5 NH (North America)	
	Outside North America	3/4 B.S.P.T. (Outside North America)	
Dryers per 20'40'Container	9 / 20		
Dryers per 48'53'Hruck	24 / 26		
Gas	Voltage Available	120-575V 1, 3ø 2, 3,4w 50/60 Hz	
	Approximate Net Weight	721 lb (327.04 kg)	
	Approximate Shipping Weight	773 lb (350.63 kg)	
	Airflow	60 Hz 1,000 cfm (28.32 cmm) 50 Hz 833 cfm (23.60 cmm)	
	Heat Input	175,000 Btu/hr (44,099 kcal/hr)	
	Exhaust Connection (Diameter)	8 (20.32 cm)	
	Compressed Air Connection	N / A	
	Compressed Air Volume	N / A	
	Inlet Pipe Connection	3/4 F.N.P.T. 3/4 F.B.S.P.T. (CE and Australia Only)	
	Voltage Available	208-575V 1, 3ø 2, 3,4w 50/60 Hz	
Electric	Approximate Net Weight	721 lb (327.04 kg)	
	Approximate Shipping Weight	773 lb (350.63 kg)	
	Airflow	60 Hz 1,000 cfm (28.32 cmm) 50 Hz 833 cfm (23.60 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
	30	102,400	25,800
	Steam	Voltage Available	120-575V 1, 3ø 2, 3,4w 50/60 Hz
Approximate Net Weight		816 lb (370.13 kg)	
Approximate Shipping Weight		868 lb (393.72 kg)	
Airflow		60 Hz 1,200 cfm (33.98 cmm) 50 Hz 1,000 cfm (28.32 cmm)	
Steam Consumption		275 lb/hr (124.7 kg/hr)	
Operating Steam Pressure		125 psi max (8.62 bar, 862 kPa)	
Exhaust Connection (Diameter)		8 (20.32 cm)	
Compressed Air Connection**		1/8 F.N.P.T.	
Compressed Air Volume **		0.75 cfm (0.02 cmh)	
Boiler HP (Normal Load)		7.2 Bhp	
Standard Supply Connections †	(1) 1-1/4 N.P.T.		
Standard Return Connections †	(1) 1 N.P.T.		



Specifications in parentheses are metric equivalents.
 * Reversing Dryers use 3-phase (3ø) motors.
 ** Air-operated steam damper system requires a clean, dry, and regulated 80 psi +/- 10 psi (5.51 bar +/- 0.69 bar) air supply.

9/23/16

Electrical Service Specifications						
SERVICE VOLTAGE	PHASE	WIRE SERVICE	Hz	kW	APPROX AMP DRAW	CIRCUIT BREAKER
Three Phase Heat Three Phase Motor						
208	3ø	3	60	24	71	90
			60	30	88	125
			60	20	57	80
220	3ø	3	60	26	73	100
			50	20	57	80
			50	26	73	100
230	3ø	3	60	22	0	0
			60	28	0	0
			50	22	60	80
240	3ø	3	50	28	75	100
			60	24	63	80
			60	30	77	100
380	3ø	3	50	24	63	80
			50	30	78	100
			50	30	78	100
400	3ø	4 or 3	60	20	33	50
			60	26	42	60
			50	20	33	50
416	3ø	4 or 3	50	26	43	60
			50	22	35	50
			50	28	44	60
440	3ø	3	50	24	36	50
			50	30	45	60
			60	20	29	40
460	3ø	3	60	26	37	50
			60	22	30	40
			60	28	38	50
480	3ø	3	60	24	32	50
			60	30	39	50
			60	24	0	0
575	3ø	3	60	30	0	0
			60	30	0	0
			60	30	0	0

Electrical Service Specifications						
SERVICE VOLTAGE	PHASE	WIRE SERVICE	APPROX AMP DRAW	CIRCUIT BREAKER		
GAS & STEAM						
			60 Hz	50 Hz	60 Hz	50 Hz
120	1ø	2	13.0	--	20	--
208	1ø	2	7.6	--	15	--
220	1ø	2	7.3	8.6	15	15
230	1ø	2	--	8.0	--	15
240	1ø	2	7.0	8.0	15	15
GAS & STEAM						
208	3ø	3	4.7	--	15	--
220	3ø	3	4.8	4.8	15	15
230	3ø	3	--	4.7	--	15
240	3ø	3	4.9	5.4	15	15
380	3ø	4 or 3	2.9	3.1	15	15
400	3ø	4 or 3	--	3.2	15	15
416	3ø	4 or 3	--	3.1	15	15
440	3ø	4*	2.6	--	15	--
460	3ø	3	2.8	--	15	--
480	3ø	3	2.8	--	15	--

Electrical Service Specifications							
SERVICE VOLTAGE	PHASE	WIRE SERVICE	Hz	kW	APPROX AMP DRAW	CIRCUIT BREAKER	
Single Phase Heat Single Phase Motor							
208	1ø	2	60	24	123	175	
			60	30	152	200	
			60	20	98	125	
220	1ø	2	60	26	125	175	
			50	20	100	50	
			50	26	127	175	
230	1ø	2	60	22	97	125	
			60	28	123	175	
			50	22	104	150	
240	1ø	2	50	28	130	175	
			60	24	107	150	
			60	30	132	175	
240	1ø	2	60	24	108	150	
			50	24	108	150	
			50	30	133	175	

Electrical Service Specifications							
SERVICE VOLTAGE	PHASE	WIRE SERVICE	Hz	kW	APPROX AMP DRAW	CIRCUIT BREAKER	
Three Phase Heat Single Phase Motor							
208	3ø	3	60	24	74	100	
			60	30	91	125	
			60	20	60	80	
220	3ø	3	60	30	86	25	
			60	26	76	100	
			50	20	61	80	
230	3ø	3	50	26	77	100	
			60	22	56	80	
			60	28	71	100	
240	3ø	3	50	22	63	80	
			50	28	78	100	
			60	24	65	90	
380	3ø	4	50	20	39	50	
			50	26	48	70	
			50	22	40	60	
400	3ø	4	50	28	48	70	
			60	30	49	70	
			50	24	41	60	
416	3ø	4	50	30	50	70	
			50	30	50	70	
			50	30	50	70	