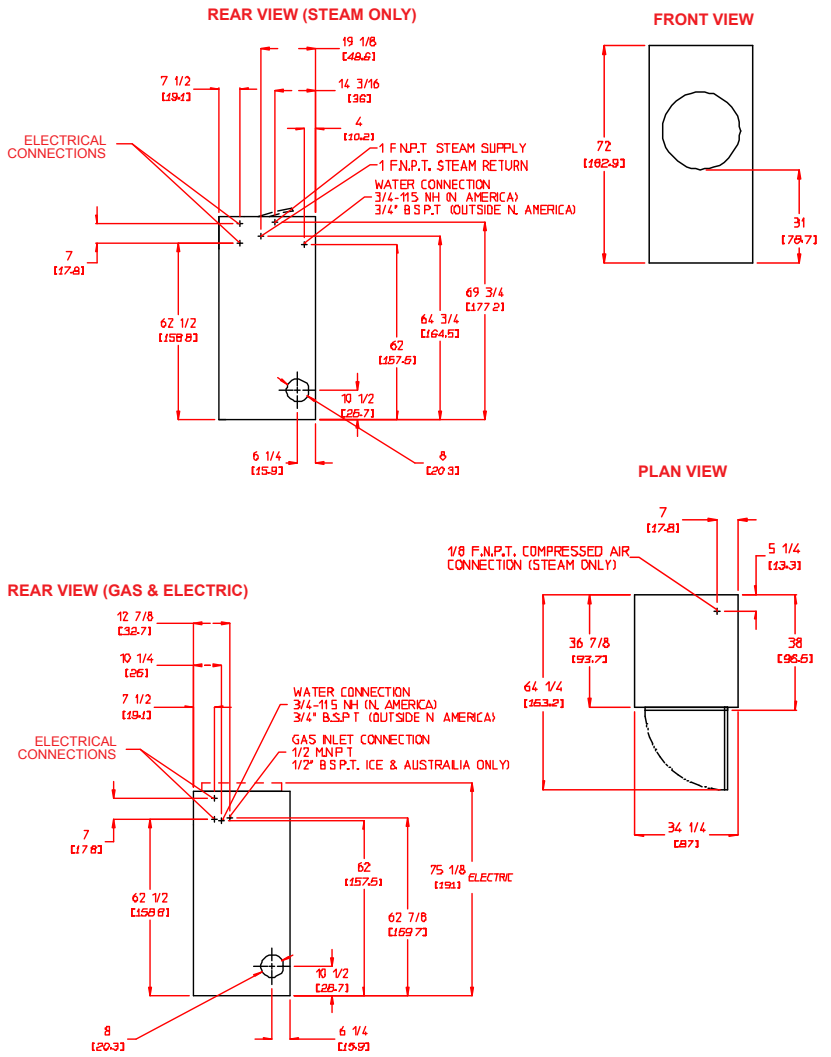


AD-30V Specifications

Tumbler Capacity (dry weight)	30 lbs. (13.6 kg)									
Tumbler Diameter	32-3/4" (83.2 cm)									
Tumbler Depth	25-5/8" (65.1 cm)									
Tumbler Volume	12.5 cu ft (353.9 L)									
Tumbler/Drive Motor (nonreversing/reversing)	1/2 hp (0.37 kW) / 1/2 hp (0.37kW)									
Blower/Fan Motor (nonreversing/reversing)	N/A / 1/2 hp (0.37kW)									
Door Opening (Diameter)	21-1/2" (54.61 cm)									
Door Sill Height	33-1/3" (84.15 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 20	12 / 26									
Dryers per 48'/54' Truck	30 / 32									
Width	34-1/4" (87 cm)									
Depth	38" (96.5 cm)									
Height	72" (182.9 cm)									
Air flow - gas/electric/steam	60 Hz	460 cfm (13 cmm)								
	50 Hz	383 cfm (10.85 cmm)								
Exhaust Connection	8" (15.24 cm)									
GAS MODEL:	Approx. Net Wt.	534 lbs (242 kg)								
	Approx. Ship Wt.	571 lbs (259 kg)								
	Heat Input	100,000 btu/hr (25,200 kcal/hr)								
	Inlet Pipe Connection	1/2" M.N.P.T. (CE and Australia Only)								
ELECTRIC MODEL:	Approx. Net Wt.	534 lbs (242 kg)								
	Approx. Ship Wt.	571 lbs (259 kg)								
	Exhaust Connection	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>20</td> <td>68,200 (17,200)</td> </tr> <tr> <td>24</td> <td>81,900 (20,600)</td> </tr> </tbody> </table>			Oven Size		kW	Btu/hr (kcal/hr)	20	68,200 (17,200)	24	81,900 (20,600)
Oven Size										
kW	Btu/hr (kcal/hr)									
20	68,200 (17,200)									
24	81,900 (20,600)									
STEAM MODEL:	Approx. Net Wt.	593 lbs. (269 kg)								
	Approx. Ship Wt.	631 lbs. (286 kg)								
	Steam Consumption	104 lb/hr (47.2 kg/hr)								
	Operating Steam Pressure	125 psi max (8.6 bar)								
	Exhaust Connection (Diameter)	8" (20.32 cm)								
	Boiler Horsepower (Normal Load)	3.0 Bhp								
	Supply Connection	1" F.N.P.T.								
	Return Connection	1" F.N.P.T.								



Specifications in parentheses are metric equivalents. 1/5/04
 ** Reversing dryer available with 3-phase (3ø) 1/2 hp (0.373kW) motor standard
 ***Specify air operated or electromechanical steam damper system. Air-operated steam damper system must be provided with clean, dry and regulated 80 psi ±0.25 psi (5.51 bar ±0.68 bar) air supply.

Electrical Service Specifications					
SERVICE VOLTAGE	PHASE	WIRE SERVICE	APPROX AMP DRAW	CIRCUIT BREAKER	
			60 Hz	50 Hz	
Single Phase Heat Single Phase Motor					
20 kW Electric					
208	1ø	2	102	--	150
220	1ø	2	82	81	125
230	1ø	2	84	84	125
240	1ø	2	88	88	125
24 kW Electric					
208	1ø	2	121	--	175
220	1ø	2	95	95	125
230	1ø	2	99	99	125
240	1ø	2	105	105	150
Three Phase Heat Single Phase Motor					
20 kW Electric					
208	3ø	3	61	--	80
220	3ø	3	49	49	70
230	3ø	3	50	50	70
240	3ø	3	53	53	70
380	3ø	4*	--	30	40
400	3ø	4*	--	30	40
416	3ø	4*	--	32	50
24 kW Electric					
208	3ø	3	72	--	100
220	3ø	3	57	56	80
230	3ø	3	58	59	80
240	3ø	3	63	62	80
380	3ø	4*	--	34	50
400	3ø	4*	--	35	50
416	3ø	4*	--	38	50

Electrical Service Specifications					
SERVICE VOLTAGE	PHASE	WIRE SERVICE	APPROX AMP DRAW	CIRCUIT BREAKER	
			60 Hz	50 Hz	
Three Phase Heat Three Phase Motor					
20 kW Electric					
208	3ø	3	59	--	80
220	3ø	3	48	49	70
230	3ø	3	--	50	70
240	3ø	3	51	52	70
380	3ø	3	29	28	40
400	3ø	3	--	29	40
416	3ø	3	--	30	40
460	3ø	4*	25	--	40
480	3ø	4*	26	--	40
24 kW Electric					
208	3ø	3	70	--	90
220	3ø	3	56	56	80
230	3ø	3	--	59	80
240	3ø	3	61	62	80
380	3ø	4*	34	33	50
400	3ø	4*	--	34	50
416	3ø	4*	--	36	50
460	3ø	4*	30	--	40
480	3ø	3	31	--	40
30 kW Electric					
208	3	3	88	--	--
220	3	3	73	75	--
230	3	3	--	76	--
240	3	3	78	80	--
380	3	4*	45	43	--
400	3	4*	--	44	--
416	3	4*	--	45	--
440	3	3	--	--	--
460	3	3	38	--	--
480	3	3	39	--	--
575	3	3	33	--	--

Electrical Service Specifications					
SERVICE VOLTAGE	PHASE	WIRE SERVICE	APPROX AMP DRAW	CIRCUIT BREAKER	
			60 Hz	50 Hz	
GAS & STEAM (non-reversing)					
120	1ø	2	8.7	--	15
208	1ø	2	5.5	--	15
220	1ø	2	4.5	3.9	15
230	1ø	2	3.2	3.5	15
240	1ø	2	4.8	4.6	15
208	3ø	3	3.1	--	15
220	3ø	3	3.1	3.9	15
230	3ø	3	--	3.5	15
240	3ø	3	3.3	4.2	15
380	3ø	4*	--	2.2	15
400	3ø	4*	--	2.2	15
416	3ø	4*	--	2.3	15
460	3ø	3	2.1	--	15
480	3ø	3	2.1	--	15

Electrical Service Specifications					
SERVICE VOLTAGE	PHASE	WIRE SERVICE	APPROX AMP DRAW	CIRCUIT BREAKER	
			60 Hz	50 Hz	
GAS & STEAM (reversing)					
208	3ø	3	5.0	--	15
220	3ø	3	5.2	6.8	15
230	3ø	3	--	6.2	15
240	3ø	3	5.6	7.4	15
380	3ø	3	5.4	3.4	15
400	3ø	4*	--	3.4	15
416	3ø	4*	--	3.5	15
460	3ø	4*	3.2	--	15
480	3ø	4*	3.2	--	15