

On-Premise Dryers

AD-25V
AD-30V
AD-50V
AD-758V
AD-78
AD-115
AD-120
AD-170



Experience drying on a whole new level.

	AD-25V	AD-30V	AD-50V	AD-758V	AD-78	AD-115	AD-120	AD-170	
Tumbler Capacity	25 lbs (11.3 kg)	30 lbs (13.6 kg)	50 lbs (22.7 kg)	75 lbs (34. kg)	75 lbs (34.0 kg)	115 lbs (52.2 kg)	120 lbs (54.4 kg)	170 lbs (77.1 kg)	
Tumbler Diameter	32 3/4" (83.2 cm)	32 3/4" (83.2 cm)	32 3/4" (83.2cm)	36 1/4" (92.1 cm)	44 1/2" (113.03 cm)	42" (106.68 cm)	44 5/8" (113.35 cm)	51 1/2" (76.2cm)	
Tumbler Depth	19" (48.3 cm)	25 3/8" (65.1 cm)	37 1/2" (95.3 cm)	36" (91.4 cm)	24 7/8" (63.18 cm)	41 1/4" (104.78 cm)	42 1/8" (107.00 cm)	42 1/2" (107.95 cm)	
Tumbler Volume	9.26 cu.ft (262.21 L)	12.5 cu.ft (353.9606 L)	18.3 cu. ft. (518 L)	21.5 cu. ft. (608.8 L)	22.4 cu. ft. (634.30 L)	33.10 cu ft (937.29 L)	38.10 cu. ft. (1,078.87 L)	51.20 cu. ft. (1,449.82 L)	
Tumbler Motor *	1/2 hp (0.373kW)	1/2 hp (0.373 kW)	3/4 hp (0.56 kW)	1 hp (0.75kW)	1 hp (0.75 kW)	3/4 hp (0.56 kH)	3/4 hp (0.56 kH)	1 hp (0.75 kW)	
Door Opening (Dia.)	21 1/2" (54.61 cm)	21 1/2" (54.61 cm)	21 1/2" (54.61 cm)	31 3/8" (79.7 cm)	31 3/8" (79.69 cm)	31 3/8" (79.69 cm)	31 3/8" (79.69 cm)	31 3/8" (79.69 cm)	
Dryer Per 20'/40' Container	14 / 30	12 / 26	10 / 20	10 / 20	10 / 20	4 / 8	3 / 7	3 / 7	
Dryers Per 48'/53' Truck	45 / 51	30 / 32	24 / 26	24 / 26	25 / 27	9 / 10	9 / 10	8 / 9	
Width	34 1/4" (87.0 cm)	34 1/4" (87.0 cm)	34 1/4" (87.0 cm)	38 1/4" (97.16 cm)	46 3/16" (117.3cm)	46 1/8" (117.16 cm)	48 5/8" (123.5 cm)	55 1/8" (141.92 cm)	
Depth *	28 5/8" (72.7 cm)	36 7/8" (93.7 cm)	48 1/2" (123.2 cm)	47" (119.4 cm)	34" (86.4 cm)	61 9/16" (156.4 cm)	62 1/2" (158.7 cm)	62 1/2" (158.8 cm)	
Height	gas	72" (182.9 cm)	72" (182.9 cm)	72" (182.9 cm)	75 1/8" (190.82 cm)	84 7/16" (214.2 cm)	84" (213.4 cm)	86 7/16" (220.7 cm)	100" (254 cm)
	steam	72" (182.9 cm)	72" (182.9 cm)	72" (182.9 cm)	75 1/8" (190.82 cm)	81" (205.7 cm)	81" (205.7 cm)	81" (205.7 cm)	93" (236.22 cm)
	electric	72" (182.9 cm)	72" (182.9 cm)	72" (182.9 cm)	75 1/8" (190.82 cm)	84" (213.4 cm)	86 7/16" (220.7 cm)	100" (254 cm)E	
Electric Oven Height	75 1/8" (191 cm)	75 1/8" (191 cm)	75 1/8" (190.8 cm)	77 3/8" (196.5 cm)		98" (248.92 cm)	101" (256.5 cm)	103 15/16" (264 cm)	
Steam Operating Height	78" (198.1 cm)	78" (198.1 cm)	78" (198.1 cm)	79" (200.7 cm)		86 1/8" (218.75 cm)	89" (226.1 cm)	101" (256.5 cm)	
Airflow	gas/electric	60Hz - 460 cfm (13 cmm)	60Hz - 460 cfm (13 cmm)	60Hz - 750 cfm (21.2 cmm)	60Hz - 1000 cfm (28.3 cmm)	60 Hz - 1,200 cfm (34 cmm)	60 Hz - 2,100 cfm (59.9 cmm)	60 Hz - 2,150 cfm (60.9 cmm)	60Hz - 3,700 cfm (104.8 cmm)
		50Hz-383 cfm (10.85 cmm)	50Hz-383 cfm (10.85 cmm)	50Hz - 625 cfm (17.7 cmm)	50Hz - 833 cfm (23.6 cmm)	50 Hz - 1,000 cfm (28.3 cmm)	50Hz - 1,750 cfm (49.6 cmm)	50Hz - 1,750 cfm (49.6 cmm)	50 Hz - 3,083 cfm (87.3 cmm)
	steam	60Hz - 460cfm (13 cmm)	60Hz - 460cfm (13 cmm)	60Hz - 750 cfm (21.2 cmm)	60Hz - 1000 cfm (28.3 cmm)	60Hz - 1,200 cfm (34 cmm)	60Hz - 2,100 cfm (59.9 cmm)	60Hz - 2,150 cfm (60.9 cmm)	60 Hz - 4,400 cfm (124.6 cmm)
		50Hz - 383 cfm (10.85 cmm)	50Hz - 383 cfm (10.85 cmm)	50Hz - 625 cfm (17.7 cmm)	50Hz - 833 cfm (23.6 cmm)	50Hz - 1,000 cfm (28.3 cmm)	50 Hz - 1,750 cfm (49.6 cmm)	50 Hz - 1,750 cfm (49.6 cmm)	50 Hz - 3,666 cfm (103.8 cmm)
Exhaust Connection ▲	gas	8" (20.32 cm)	8" (20.32 cm)	8" (20.3 cm)	8" (20.3 cm)	10" (25.4 cm)	14" (35.56 cm)	14" (35.56 cm)	18" (45.72 cm)
	steam	8" (20.32 cm)	8" (20.32 cm)	8" (20.32 cm)	8" (20.32 cm)	-	12" (30.48 cm) DR 14" (35.56 cm)	12" (30.48 cm) DR 14" (35.56 cm)	12" (30.48 cm) DR 20" (50.80 cm)
S.A.F.E Water Connection ■ North America outside North America	3/4"-11.5 NH 3/4 BSPT	3/4"-11.5 NH 3/4 BSPT	3/4"-11.5 NH 3/4 BSPT	3/4"-11.5 NH 3/4 BSPT	3/4"-11.5 NH 3/4 BSPT	3/4"-11.5 NH 3/4 BSPT	3/4"-11.5 NH 3/4 BSPT	3/4"-11.5 NH 3/4 BSPT	
GAS MODELS:	Approx Net Wt.	407 lbs (184.6 kg)	534 lbs (242 kg)	651 lbs (295 kg)	721 lbs (327 kg)	888 lbs (402.8 kg)	1,260 lbs (571.53 kg)	1,440 lbs (653.17 kg)	2,103 lbs (953.90 kg)
	Approx Ship Wt.	446 lbs (202.1 kg)	571 lbs (259 kg)	700 lbs (317.5 kg)	773 lbs (351 kg)	938 lbs (425.5 kg)	1,400 lbs (635.03 kg)	1,580 lbs (716.67 kg)	2,269 lbs (1,029.20 kg)
	Heat Input	78,000 btu/hr (19,656 kcal/hr)	100,000 btu/hr (25,000 kcal/hr)	150,000 but/hr (37,800 kcal/hr)	175,000 btu/hr (44,099 kcal/hr)	204,000 btu/hr (51,407 kcal/hr)	343,000 btu/hr (86,435 kcal/hr)	375,000 btu/hr (94,498 kcal/hr)	550,000 btu/hr (138,598 kcal/hr)
	Inlet Pipe Connection ■	1/2" M.N.P.T.	1/2" M.N.P.T.	1/2" M.N.P.T.	3/4" F.N.P.T.	3/4" F.N.P.T.	1" F. N.P.T.	1" M.N.P.T.	1 1/2" F.N.P.T.
ELECTRIC MODELS:	Oven KW	15, 20, 24	20, 24	20, 24, 30	30	24, 36	60, 72	72, 75.6	126
	STEAM MODELS: ♦	Approx Net Wt. 474 lbs (214.8 kg)	593 lbs (269 kg) 631 lbs (286 kg)	683 lbs (309.80) 733 lbs (332.48)	816 lbs (370 kg) 868 lbs (394 kg)	- -	1,555 lbs (705.33 kg) 1,695 lbs (768.83 kg)	1,735 lbs (786.98 kg) 1,875 lbs (850.48 kg)	2,259 lbs (1,024.67 kg) 2,425 lbs (1,099.96 kg)
	Steam Consumption	98.8 lb/hr (44.8 kg/hr)	104 lb/hr (47.2 kg/hr)	142 lb/hr (64.41 kg/hr)	239 lb/hr (108.41 kg/hr)	- -	375 lb/hr (170.1kg/hr)	450 lb/hr (204.12 kg/hr)	725 lb/hr (328.85 kg/hr)
	Boiler HP	2.9 Bhp	3.0 Bhp	4.1 Bhp	7 Bhp	- -	11 Bhp	13 Bhp	19 Bhp
	Steam Inlet	1" F.N.P.T.	1" F.N.P.T.	1" F.N.P.T.	1" F.N.P.T.	- -	1 1/4" F.N.P.T.	1 1/4" F.N.P.T.	1 1/2" F.N.P.T.

Specification subject to change without notice.

- * Where applicable, drive motor specifications are for non-reversing models only. Please consult factory for reversing specifications.
- Add 1 1/8" (2.75 cm) for main door or 1 1/2" (3.81 cm) for optional E-Stop.
- ▲ Exhaust ducting requirements vary with installation conditions. Exhaust connection size should not be used to determine ducting requirements.
- Size of piping to dryer varies with installation conditions. Contact factory for assistance.
- ♦ Air-operated steam damper units must be provided with a clean, dry, regulated air supply of 80 psi +/- 10 psi (5.51 bar +/- 0.68).
- DR Derated dryer operates at a lower Btu/hr (kcal/hr) and higher exhaust static pressures, used in replacement markets or situations where the exhaust length is longer than normal.



Experience drying on a whole new level.

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