

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



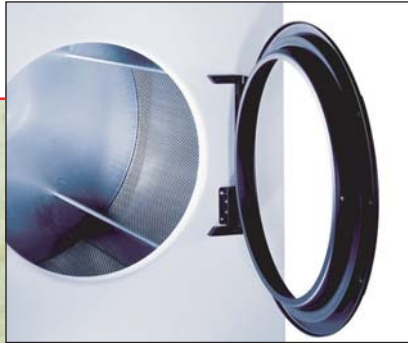
On Premise Dryers



Experience Drying on a Whole New Level.

- **Superior Finish**

The cabinets on ADC dryers are powder painted electrostatically inside and out and baked at 420-degrees Fahrenheit for *the best finish in the industry*. Most competitors' dryers are assembled and then painted only on the outside, but ADC assures that all components are painted before assembly to avoid the potential of rust or corrosion.



Gasketless Door Glass



Lint Drawer



Quiet, Reliable Belt Drive

- **Rugged Design**

ADC uses a rugged steel door with a *gasketless glass on all dryer doors*. All other dryers use a rubberlike material to hold in their glass. This rubberlike material, through years of wear, will eventually fail, allowing the glass to fall out. ADC offers the security of a gasketless door glass.

- **Easy Maintenance**

At ADC, another unique feature is an *easy-access, easy-cleaning lint drawer* located in the front of the exhaust fan. This prevents lint from clogging the fan, which causes damaging vibration. This also eliminates the need for costly external lint collectors and reduces lint fire concerns. The easy-access drawer will be cleaned more often, resulting in shorter and more efficient drying cycles.

- **Industrial Drive System**

Our dryers use a quiet, reliable belt drive system. For smooth and trouble-free operations ADC uses V-belts and pulleys to drive the dryer drum. Belt drive systems are easy to maintain, reducing overall maintenance requirements.



State-of-the-Art Design and Engineering

In our modern 350,000 square-foot facility in southeastern Massachusetts, we house dedicated R&D, manufacturing, sales and marketing, and customer support. Each of those functions has direct access to one another and to the latest technology and equipment. It's how we at ADC ensure the best product design, optimal performance, and complete customer satisfaction.



Safety Through Innovation

An average of 4,600 dryer fires a year occurred in structures outside of the home in the years 1994-1998*. Exclusive fire extinguishing technology developed by ADC virtually eliminates the risk of fires caused by spontaneous combustion.

S.A.F.E. will extinguish fires that may start in the dryer tumbler, regardless if the dryer is in an idle state or in operation. A series of sensors are positioned throughout the tumbler and interfaced with the microprocessor; if the sensors detect a sharp increase of temperature, S.A.F.E. automatically activates a water vapor mechanism to douse the flames. The tumbler will continue to rotate every fifteen seconds to ensure that all articles have been extinguished. The water jets will remain on for two minutes and will automatically reactivate should the fire reignite.

Unlike a typical sprinkler system, which continues to spray water until a stop valve is closed, the water vapor mechanism in S.A.F.E. will stop once the sensors no longer detect a fire. This virtually eliminates water damage to the machine and the premises.



*Source: National Fire Protection Association

Easy to Use Controls

Our computer control system is the simplest and most efficient control available. A clear L.E.D. display informs the user of cycle status, programs and displays important diagnostic and fault codes. Six preprogrammed cycles allow one-button touch operation of the dryer. All the operator has to do is select one of the 6 letters, A through F, and the dryer immediately starts and will run through a preprogrammed cycle of the laundry manager's choosing. An additional 41 programs can be stored in the numerical memory.

The "anti-wrinkle" feature is one of the most powerful features of our computer system. With "anti-wrinkle," the dryer will tumble without heat after the drying cycle has finished, reducing wrinkling and significantly reducing the risk of spontaneous combustion. Another safety feature is the Clean Lint feature which ensures that the user must clean the lint screen after a preset number of cycles.



Phase 7 Computer Controls

Specifications

	AD-50V	AD-758V	AD-78	AD-115	AD-120	AD-170	
Tumbler Capacity	50 lbs (22.7 kg)	75 lbs (34 kg)	75 lbs (34 kg)	115 lbs (52.2 kg)	120 lbs (54.4 kg)	170 lbs (77.1 kg)	
Tumbler Diameter	32-3/4" (83.2 cm)	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" (130.81 cm)	
Tumbler Depth	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	18.3 cu ft (518.2 L)	21.5 cu ft (608.8 L)	22.40 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*	3/4 hp (0.56 kW)	1 hp (0.75 kW)	1 hp (0.75 kW)	3/4 hp (0.56 kW)	3/4 hp (0.56 kW)	1 hp (0.75 kW)	
Door Opening (Diameter)	21-1/2" (54.6 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)	
Dryers Per 20'/40' Container	10 / 20	10 / 20	10 / 20	4 / 8	3 / 7	3 / 7	
Dryers Per 48'/53' Truck	24 / 26	24 / 26	25 / 27	9 / 10	9 / 10	8 / 9	
Width (A)	34-1/4" (87 cm)	38-1/4" (97.2 cm)	46-3/16" (117.3 cm)	46-1/8" (117.16 cm)	48-5/8" (123.5 cm)	55-7/8" (141.92 cm)	
Depth (B)	48-1/2" (123.2 cm)	47" (119.4 cm)	35" (88.9 cm)	63-9/16" (161.4 cm)	64-1/2" (163.8 cm)	62-1/2" (158.8 cm)	
Height (C)	gas steam electric	72" (182.9 cm) 72" (182.9 cm) 72" (182.9 cm)	75-1/8" (190.8 cm) 75-1/8" (190.8 cm) 75-1/8" (190.8 cm)	84-5/16" (214.2 cm) - -	84" (213.4 cm) 81" (205.7 cm) 84" (213.4 cm)	86-7/8" (220.7 cm) 81" (205.7 cm) 86-7/8" (220.7 cm)	100" (254 cm) 93" (236.22 cm) 100" (254 cm)E
Electric Oven Height	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)	79" (200.7 cm)	-	86-1/8" (218.75 cm)	89" (226.1 cm)	101" (256.5 cm)	
Airflow	gas steam	750 cfm 750 cfm	1,000 cfm 1,000 cfm	60Hz - 1,200 cfm 50 Hz - 1,000 cfm -	60Hz - 2,100 cfm 50 Hz - 1,750 cfm -	60 Hz - 2,150 cfm 50 Hz - 1,791 cfm -	60 Hz - 3,700 cfm 50 Hz - 3,083 cfm 60 Hz - 4,400 cfm 50 Hz - 3,666 cfm
Exhaust Connection**	gas steam	8" (20.3 cm) -	8" (20.3 cm) -	10" (25.40 cm) -	14" (35.56 cm) -	14" (35.56 cm) -	18" (45.72 cm) 20" (50.80 cm)
S.A.F.E. Water Connection***	3/4"-11.5 NH	3/4"-11.5 NH	3/4"-11.5 NH	3/4"-11.5 NH	3/4"-11.5 NH	3/4"-11.5 NH	
GAS MODELS: Approx Net Weight Approx Ship Weight Heat Input Inlet Pipe Connection****	651 lbs (295 kg) 700 lbs (318 kg) 150,000 btu/hr (37,800 kcal/hr) 1/2" M.N.P.T.	721 lbs (327 kg) 773 lbs (351 kg) 175,000 btu/hr (44,099 kcal/hr) 3/4" F.N.P.T.	888 lbs (402.79 kg) 938 lbs (425.47 kg) 204,000 btu/hr (51,407 kcal/hr) 3/4" F.N.P.T.	1,260 lbs (571.53 kg) 1,400 lbs (635.03 kg) 343,000 btu/hr (86,435 kcal/hr) 1" F.N.P.T.	1,440 lbs (653.17kg) 1,580 lbs (716.67 kg) 375,000 btu/hr (94,498 kcal/hr) 1" F.N.P.T.	2,103 lbs (953.90 kg) 2,269 lbs (1,029.20 kg) 550,000 btu/hr (138,598 kcal/hr) 1-1/2" F.N.P.T.	
ELECTRIC MODELS: Oven kW	20,24,30	30	24,36	60,72	72,75.6	126	
STEAM MODELS: Approx Net Weight Approx Ship Weight Steam Consumption Boiler HP Steam Inlet	683 lbs (310 kg) 733 lbs (332 kg) 142 lb/hr (64.4 kg/hr) 4.1 Bhp 1" F.N.P.T.	816 lbs (370 kg) 868 lbs (394 kg) 239 lb/hr (108.41 kg/hr) 7 Bhp 1" F.N.P.T.	- - - - - -	1,555 lbs (705.33 kg) 1,695 lbs (768.83 kg) 375 lb/hr (170.10 kg/hr) 11 Bhp 1-1/4" F.N.P.T.	1,735 lbs (786.98 kg) 1,875 lbs (850.48 kg) 450 lb/hr (204.12 kg/hr) 13 Bhp 1-1/4" F.N.P.T.	2,259 lbs (1,024.67 kg) 2,425 lbs (1,099.96 kg) 725 lb/kg (328.85 kg/hr) 19 Bhp 1-1/2" F.N.P.T.	

Specifications subject to change without notice.

ADC-450224 09/06-2M MD

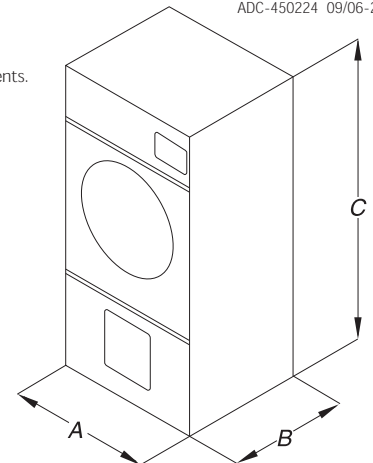
* Where applicable, drive motor specifications are for non-reversing models only. Please consult factory for reversing specifications.

** Exhaust ducting requirements vary with installation conditions. Exhaust connection size should not be used to determine ducting requirements.

*** S.A.F.E. system must be supplied with a 40 psi ± 20 psi (2.75 bar ± 1.37 bar) water supply.

**** Size of gas 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 bar).



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88 Currant Road, Fall River, MA 02720-4781
(508) 678-9000 Fax (508) 678-9447
www.amdry.com

Finance with American Credit Corp.
amcr@amdry.com
www.amdry.com/financing