



ACD10 SERIES COMPRESSED AIR DRYERS 10 CFM (17 m³/hr)

The ACD10 compressed air dryer offers efficient drying performance in an ultra-compact cabinet. The 12" x 12" x 6" dryer cabinet fits easily into the tightest spaces, and for added flexibility, it can be mounted on the floor or directly to a hopper. The dryer is so effective, it can reduce the incoming compressed air source dewpoint by up to 50°F to as low as -10°F (-40°F with the optional membrane dryer).



ACD10 Series Dryer shown
with optional drying hopper

STANDARD FEATURES

- Hopper mount configuration
- Average dewpoint of -10°F (-40°F with optional membrane dryer)
- 115/1/60 operation (other voltages available)
- Heating capabilities up to 400°F
- Large particle compressed air filter with regulator
- Exhaust air cartridge filter

OPTIONAL FEATURES

- Remote-mount membrane dryer with 0.1-micron filter assembly for -40°F (-40°C) dewpoint operation
- 230/1/60 voltage
- 220/1/50 voltage
- Floor-mount configuration, including 12' ft dryer hose and 2 hose clamps

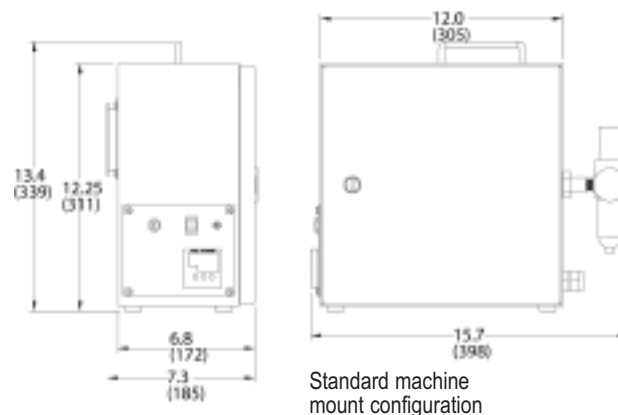
SPECIFICATIONS

Model	Width, in. (mm)	Height, in. (mm)	Depth, in. (mm)	Weight, lbs. (Kg)
ACD10	7.3 (185)	13.4 (339)	15.7 (396)	25 (11.3)

DRYER OPERATING PARAMETERS

Material	Drying Temp., °F (°C)	Drying Time in Hours	Average Drying Hopper Capacity, ¹ lbs./hr (kg/hr)				
			Initial Moisture Content H ₂ O in %	Final Moisture Content H ₂ O in %	ACD10 with 0.4 cu. ft. (11 liter) drying hopper	ACD10 with 0.8 cu. ft. (22 liter) drying hopper	ACD10 with 0.9 cu. ft. (25 liter) drying hopper
ABS	176 (80)	2-3	0.45	0.15	5.6 (2.5)	11.2 (5.1)	12.6 (5.7)
ASA	212 (100)	3			4.6 (2.1)	9.2 (4.2)	10.4 (4.7)
CA	176 (80)	2-3	0.7	0.15	5.6 (2.5)	11.2 (5.1)	12.6 (5.7)
CP	167 (75)	2-3	1.0	0.15	5.6 (2.5)	11.2 (5.1)	12.6 (5.7)
EVA	176 (80)	2-3			5.6 (2.5)	11.2 (5.1)	9.0 (4.1)
Ionomere	194 (90)	3.5			4.0 (1.8)	8.0 (3.6)	5.2 (2.3)
PA11	167 (75)	4-6	0.7	0.07	2.8 (1.3)	5.6 (2.5)	6.3 (2.9)
PA12	167 (75)	4-6	0.7	0.07	2.8 (1.3)	5.6 (2.5)	6.3 (2.9)
PA6	176 (80)	4-6	0.5	0.05	2.8 (1.3)	5.6 (2.5)	6.3 (2.9)
PA6.6	176 (80)	4-6	0.5	0.05	2.8 (1.3)	5.6 (2.5)	6.3 (2.9)
PA6.6 GF35	176 (80)	4-6	0.5	0.04	2.8 (1.3)	5.6 (2.5)	6.3 (2.9)
PBT	266 (130)	3-4	0.25	0.02	4.0 (1.8)	8.0 (3.6)	9.0 (4.1)
PC	248 (120)	2-4	0.16	0.01	4.6 (2.1)	9.2 (4.2)	10.4 (4.7)
PE Filled	185 (85)	3-4	0.50	0.02	4.6 (2.1)	9.2 (4.2)	10.4 (4.7)
PE	194 (90)	1-2	0.05	0.01	7 (3.2)	14 (6.4)	15.8 (7.1)
PEEK	302 (150)	4			3.5 (1.6)	7 (3.2)	7.9 (3.6)
PEI	302 (150)	4	0.25	0.01	3.5 (1.6)	7 (3.2)	7.9 (3.6)
PES	302 (150)	4	0.43	0.02	3.5 (1.6)	7 (3.2)	7.9 (3.6)
PETP	300-392 (150-200)	4-6	0.25	0.002	2.3 (1.0)	4.6 (2.1)	5.2 (2.3)
PETG	149 (65)	4-5	0.1	0.04	3.5 (1.6)	7 (3.2)	7.9 (3.6)
PMMA	176 (80)	2-3	0.25	0.02	5.6 (2.5)	11.2 (5.1)	12.6 (5.7)
POM	212 (100)	3-9	0.2	0.05	4.6 (2.1)	9.2 (4.2)	10.4 (4.7)
PP	194 (90)	2	0.1	0.05	7 (3.2)	14 (6.4)	15.8 (7.1)
PPO	212 (100)	2-3	0.2	0.02	5.6 (2.5)	11.2 (5.1)	12.6 (5.7)
PPS	284 (140)	3-4	0.1	0.05	4.6 (2.1)	9.2 (4.2)	10.4 (4.7)
PS	176 (80)	1-2	0.05	0.02	7 (3.2)	14 (6.4)	15.8 (7.1)
PSU	302 (150)	3-4	0.3	0.05	4.6 (2.1)	9.2 (4.2)	16.4 (7.4)
PUR	176 (80)	3-4	0.4	0.01	4.6 (2.1)	9.2 (4.2)	16.4 (7.4)
PVC	158 (70)	1-2	0.3	0.10	9.3 (4.2)	18.6 (8.4)	41.9 (19)
SAN	176 (80)	2-3	0.3	0.03	5.6 (2.5)	11.2 (5.1)	25.2 (11.4)
SB	176 (80)	2	0.3	0.03	7 (3.2)	14 (6.4)	31.5 (14.3)
TPE	230 (110)	3-4				9.2 (4.2)	16.4 (7.4)
TPU	194 (90)	2-3	0.4	0.02	5.6 (2.5)	11.2 (5.1)	12.6 (5.7)

¹ Performance may vary based on initial quality of the compressed air supply to the dryer.



Standard machine mount configuration

PERFORMANCE

- Operates with 115/1/60
- Average dew point temperature of -10°F (-23°C)¹
- Full load amps: 12.5 @115V
6.25 @ 230V
- Approximate weight: 25 lbs. (11.3 kg)
- 10 CFM (17 m³/hr) process air
- Requires approximately 2 SCFM compressed air at 80 psig for proper operation



Optional floor mount model