

For Mounting Heights To 12' (environmental separation)

STANDARD CONSTRUCTION

- 15" high x 26" deep
- ½ hp motor(s) - ten speeds
- Factory installed Intelliswitch digital controller
- White aluminum exterior panel
(Optional: Custom Color, Bronze Anodized or Stainless)
- Top Mounting only
- High efficiency, low noise Pro-V Nozzle
- Factory installed coil
- Filter (washable)
- Optional: Wi-Fi Controller, works with the Berner App



Berner International certifies that the air curtains shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program. Rated data shown is for base (hot water heated) units. The AMCA Certified Ratings Seal applies to airflow rate, average outlet velocity, outlet velocity uniformity, velocity projection and power rating at free delivery only.

Models ARD12-1060W, ARD12-2108W and ARD12-2120W are not licensed to bear the AMCA seal.

2 Year
Limited
Warranty



indoor use

MODEL	Nozzle Width (in)	Max Vel. at Nozzle (fpm)	Avg. Outlet Vel. (fpm)	Air Volume (cfm)	Outlet Vel. Uniformity	Power Rating (kW)	Motor(s) @ hp	Coil Output (MBH)	Entering / Leaving Water Temp. (°F)	Water Flow (GPM)	Fluid Pressure Drop (FT. WG.)	Air Temp. Rise (°F)	Net Wt. (lbs)
ARD12-1036W	36.00	4,830	1,439	1,259	75%	0.54	1 @ 1/2	32.0	180° / 165°	4.5	0.6	23°	134
ARD12-1042W	42.00	5,773	1,233	1,259	66%	0.62	1 @ 1/2	36.1	180° / 167°	5.5	0.9	26°	144
ARD12-1048W	48.00	7,300	1,079	1,259	77%	0.59	1 @ 1/2	39.3	180° / 167°	6.0	1.1	28°	153
ARD12-1060W	66.00	4,828	1,027	1,647	83%	0.52	1 @ 1/2	51.8	180° / 162°	6.0	1.2	29°	182
ARD12-2060W	66.00	3,982	1,674	2,686	76%	0.89	2 @ 1/2	67.5	180° / 163°	8.0	2.1	23°	219
ARD12-2072W	72.00	4,830	1,439	2,518	75%	1.08	2 @ 1/2	70.6	180° / 164°	9.0	2.7	26°	234
ARD12-2084W	84.00	5,773	1,233	2,518	66%	1.24	2 @ 1/2	78.2	180° / 165°	11.0	4.2	28°	252
ARD12-2096W	99.00	7,300	1,046	2,518	77%	1.18	2 @ 1/2	83.1	180° / 165°	11.0	4.4	30°	269
ARD12-3096W	99.00	3,982	1,639	3,945	75%	1.43	3 @ 1/2	105.2	180° / 164°	13.5	6.5	24°	309
ARD12-2108W	108.00	4,828	1,240	3,254	83%	1.03	2 @ 1/2	99.3	180° / 163°	12.0	5.3	28°	292
ARD12-3108W	108.00	4,830	1,439	3,777	75%	1.62	3 @ 1/2	108.8	180° / 164°	14.0	7.2	26°	342
ARD12-2120W	117.00	4,828	1,158	3,294	83%	1.04	2 @ 1/2	103.9	180° / 162°	12.0	5.5	29°	315
ARD12-3120W	117.00	4,830	1,328	3,777	66%	1.78	3 @ 1/2	114.5	180° / 164°	15.0	8.4	28°	359
ARD12-3132W	132.00	5,773	1,177	3,777	66%	1.83	3 @ 1/2	120.8	180° / 163°	15.0	8.8	29°	380
ARD12-3144W	144.00	7,300	1,079	3,777	77%	1.77	3 @ 1/2	124.1	180° / 162°	14.0	8.0	30°	397
ARD12-4144W	144.00	4,830	1,439	5,036	75%	2.16	4 @ 1/2	148.5	180° / 164°	19.0	14.4	27°	453

NOTES:

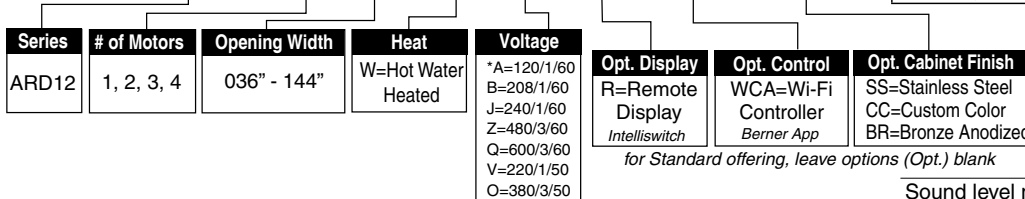
1. Operation at 50 Hz will generate approximately a 17% reduction in performance.
2. Coil performance based on 65°F entering air temperature.
3. Standard connection same end supply/return (Optional: opposite end supply/return).
4. Coil should be field supplied with a solenoid valve that energizes only when air curtain is energized. Consideration must be taken for freeze protection when necessary.
5. Maximum leaving air temperature shall not exceed 120°F.
6. Consult factory for alternate entering air & water temperatures, GPM's, and opposite end supply/return connections performance data.

Berner does not recommend ARD12-1060W, ARD12-2108W and ARD12-2120W, exists only as an equivalent to competitors' models.

See sheet EP-246 for amp draws/total load requirements

MODEL NUMBER CONFIGURATION

ARD12-1 036 W A -R-WCA-SS



*Suitable for 50hz

for Standard offering, leave options (Opt.) blank

VELOCITY PROJECTION: Model ARD12-1036W

Distance from Nozzle (in)	40	80	120	160	200
Core Velocity (fpm)	1400	1090	920	770	670
Uniformity (%)	81	92	93	91	90

Sound level measured 10' (3m) from the unit in free field:

1 motor:	Min./Max. Speed:	59/62 dBA
2 motors:	Min./Max. Speed:	62/65 dBA
3 motors:	Min./Max. Speed:	64/67 dBA
4 motors:	Min./Max. Speed:	65/68 dBA

Sound data is not AMCA certified.

Berner reserves the right to alter specifications without prior notice.