



WALK-IN COOLER

Ambient (Unheated) Air Curtain

Data Sheet

For Mounting Heights To 8' (environmental separation) and 7' (insect control)

STANDARD CONSTRUCTION

- 8 1/2" high x 13 1/2" deep
- 1/5 hp two speed motor(s)
- Factory installed fan speed switch
- White powder coated exterior
- Wall & Top Mounting
- Optional: Filter (washable)

5 Year
Limited
Warranty



PERFORMANCE DATA

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	Net Wt. (lbs)
CLC08-1036AA-WIC	34.62	3,567	1,760	1,005	92%	0.32	1 @ 1/5	41
CLC08-1048AA-WIC	46.62	3,226	1,742	1,340	94%	0.32	1 @ 1/5	48
CLC08-1060AA-WIC	58.13	2,940	1,702	1,632	95%	0.32	1 @ 1/5	56

NOTE:

1. Operation at 50 Hz will generate approximately a 17% reduction in performance
2. Consult factory for vertically mounted units.

See sheet EP-100 for amp draws/total load requirements.

ELECTRICAL PERFORMANCE

		120/1/60 (voltage code A) MOTOR AMP DRAW = 3.4 each	
MODEL	# CKTS	AMPS PER CIRCUIT	BREAKER RATING PER CIRCUIT
CLC08-1036AA-WIC CLC08-1048AA-WIC CLC08-1060AA-WIC	1	3.4	15

VELOCITY PROFILE: Model CLC08-1036A			
Distance from Nozzle (ft)	2	3	4
Core Velocity (fpm)	1806	1494	1279

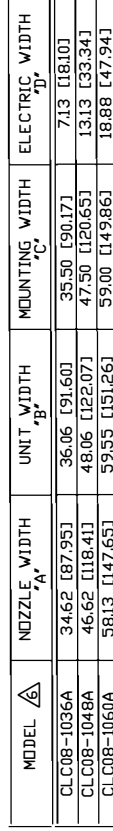
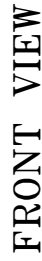
Sound level measured 10' (3m) from the unit in free field:
1 motor: Low/High Speed: 53/54 dBA
2 motors: Low/High Speed: 56/57 dBA

Berner reserves the right to alter specifications without prior notice.

www.berner.com **Berner International** 800.245.4455
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DS-WC100
November, 2021

TOP VIEW



END VIEW



- ① AIR CURTAIN MUST BE INSTALLED SO AIR STREAM IS NOT OBSTRUCTED WHEN DEFLECTED 20° TO EITHER SIDE OF Q.
- ② ELECTRICAL CONNECTIONS TO BE FLEXIBLE.
- ③ FIELD VERIFY DIMENSIONS.
- ④ ANCHORS TO SUPPORTING STRUCTURE BY OTHERS.
- ⑤ ADEQUACY OF SUPPORTING STRUCTURE IS TO BE VERIFIED BY A PROFESSIONAL STRUCTURAL ENGINEER.
- ⑥ LETTER 'A' IN MODEL NUMBER DESIGNATES AMBIENT UNIT.
- ⑦ DIMENSIONS IN INCHES (CENTIMETERS).

PROJECT					
LOCATION					
ARCHITECT					
ENGINEER					
DWG. NO.	CLC08-AMB	TITLE:	BERNER		
DATE	28MAR2016	MODEL	CLC08 AIR CURTAIN		
BY	S. Bell		AMBIENT SYSTEM		
REPLACES	14DCT14		BERNER INTERNATIONAL CORP.		
BY	J. Johnson		NEW CASTLE, PA		