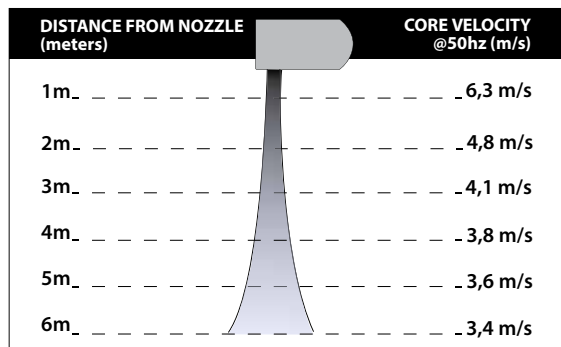




Velocity testing shown above was obtained in accordance with ISO27327-1 in an accredited A2LA laboratory but is not AMCA certified.

5 Year
Limited
Warranty



MODEL	Nozzle Width (mm)	Max Vel. at Nozzle (m/s)	Avg. Outlet Vel. (m/s)	Air Volume (m³/hr)	Outlet Vel. Uniformity	Power Rating (kW)	Total Motor (kW)	Total AC Motor Amperage (A)	Net Wt. (kg)
IDC12-1036A	914	21,87	7,31	2141	87%	0,42	0,37	3,50	45
IDC12-1042A	1067	23,49	6,56	2241	89%	0,43	0,37	3,50	48
IDC12-1048A	1219	22,40	5,78	2257	78%	0,44	0,37	3,50	50
IDC12-2060A	1676	20,24	7,73	4150	85%	0,82	0,74	7,00	77
IDC12-2072A	1829	21,87	7,31	4281	87%	0,85	0,74	7,00	81
IDC12-2078A	1981	21,87	6,91	4382	87%	0,86	0,74	7,00	83
IDC12-2084A	2134	23,49	6,56	4482	89%	0,87	0,74	7,00	86
IDC12-2096A	2515	22,40	5,61	4514	78%	0,88	0,74	7,00	90
IDC12-3096A	2515	20,24	7,82	6290	85%	1,25	1,11	10,50	109
IDC12-3108A	2743	21,87	7,31	6422	87%	1,27	1,11	10,50	128
IDC12-3120A	2972	21,87	6,96	6623	87%	1,29	1,11	10,50	132
IDC12-3132A	3353	22,40	6,28	6739	78%	1,31	1,11	10,50	141
IDC12-3144A	3658	22,40	5,78	6770	78%	1,32	1,11	10,50	147
IDC12-4144A	3658	21,87	7,31	8563	87%	1,70	1,48	14,00	166
IDC12-4156A	3962	21,87	6,91	8764	87%	1,72	1,48	14,00	173
IDC12-4168A	4267	23,49	6,56	8965	89%	1,73	1,48	14,00	179
IDC12-4180A	4572	22,40	6,15	8996	78%	1,75	1,48	14,00	185
IDC12-5180A	4572	21,87	7,31	10703	87%	2,12	1,85	17,50	203
IDC12-4192A	4877	22,40	5,78	9027	78%	1,77	1,48	14,00	190
IDC12-5192A	4877	22,40	6,92	10804	78%	2,13	1,85	17,50	209

MODEL NUMBER CONFIGURATION

IDC12-1 036 A V-F-SS

Series	# of Motors	Opening Width	Heat	Voltage	Intake	Opt. Cabinet Finish
IDC12	1, 2, 3, 4, 5	036" - 192" (914- 4877mm)	A=Ambient	AC motors only V=230/1/50	T=Top F=Front	SS=Stainless Steel CC=Custom Color

for Standard offering, leave options (Opt.) blank

STANDARD CONSTRUCTION

- 0,37 kW single speed motor(s) - direct drive (Optional: two-speed)
- Touchscreen interface with Intelliswitch™ digital controller, includes Berner AIR® BASIC (smart control)
- Gray powder coated exterior with mill aluminum screen and access panels
- Wall & Top Mounting
- Front air intake (Optional: top)
- High efficiency Pro-V Nozzle

OPTIONS

- Custom Color or Stainless
- Berner AIR® BMS (smart control with BACnet and Modbus capabilities)

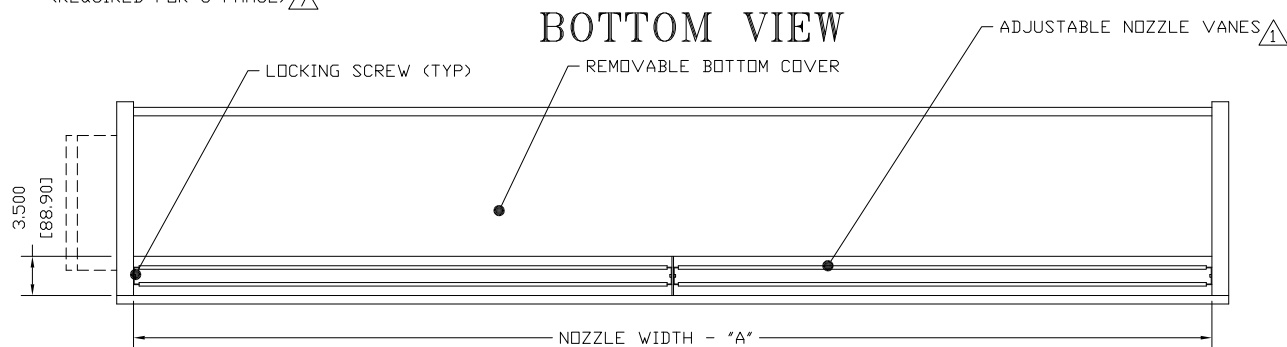
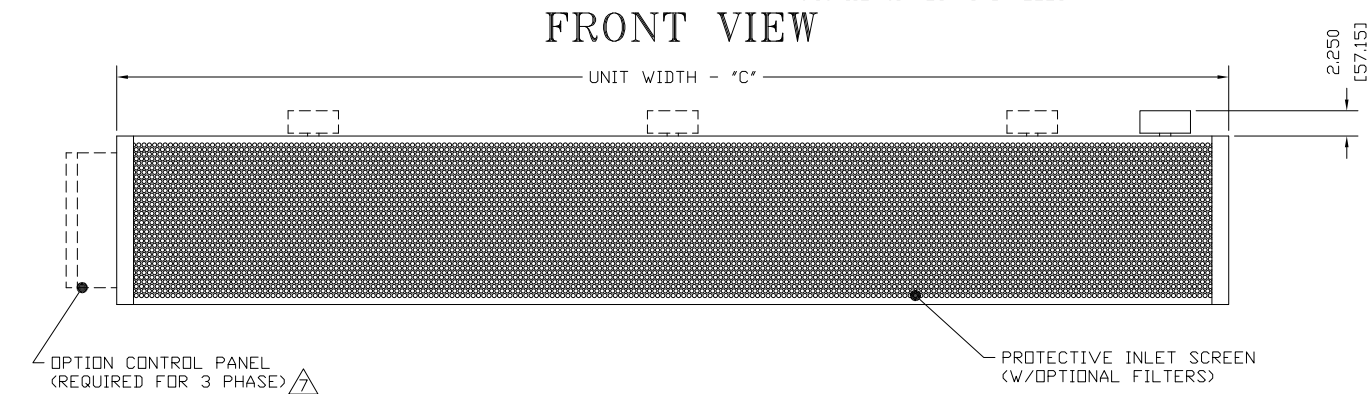
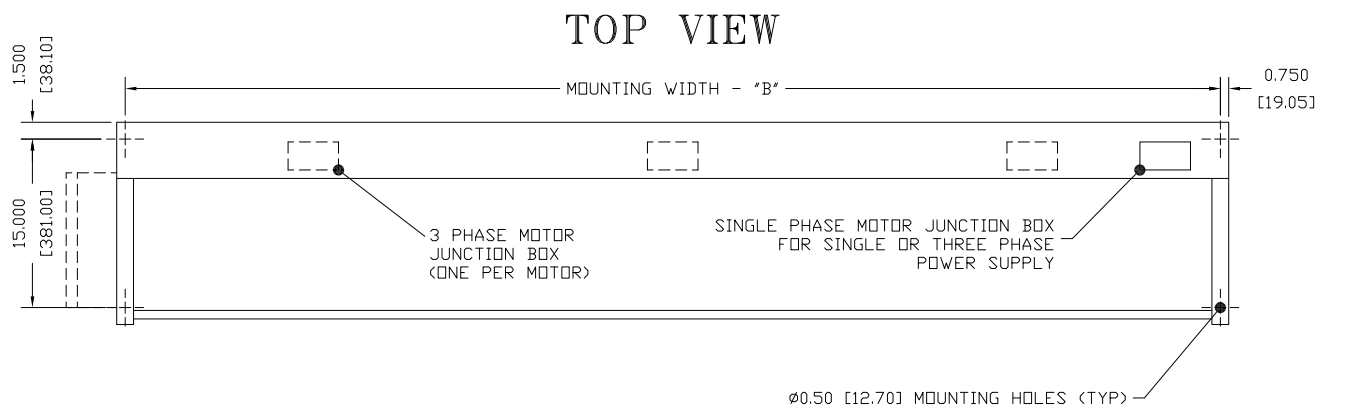
VELOCITY PROJECTION: Model IDC12-1036A

Distance from Nozzle (mm)	1000	2000	3000
Core Velocity (m/s)	11,1	7,9	6,7
Uniformity (%)	89%	93%	92%

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

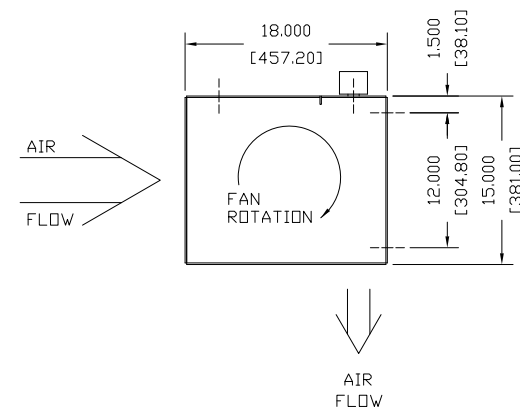
1, 2, 3, 4 & 5 motor(s): 63 dBA, 66 dBA, 68 dBA, 69 dBA & 70 dBA

Berner reserves the right to alter specifications without prior notice.



IDC12 AMBIENT SYSTEM

END VIEW

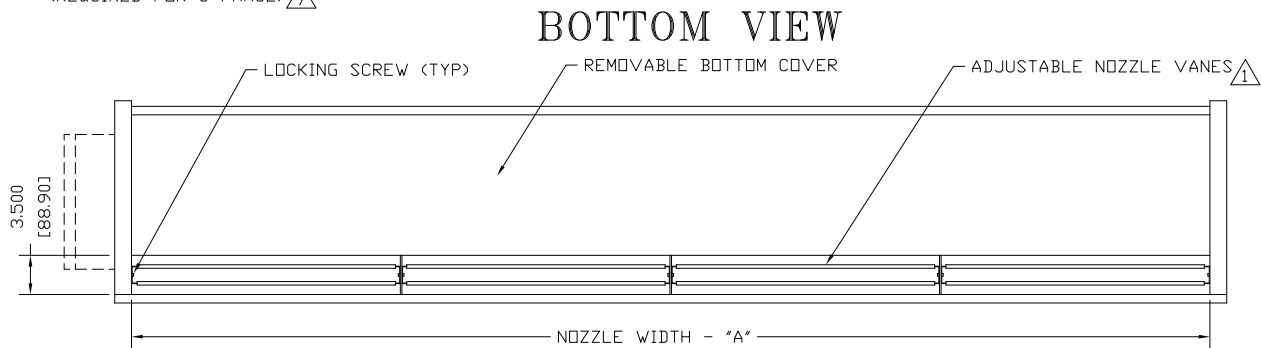
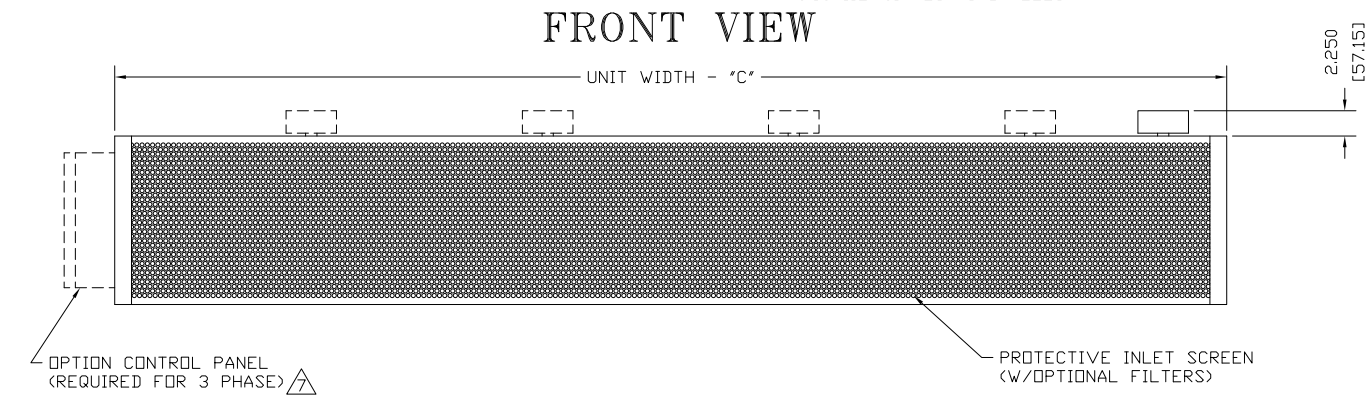
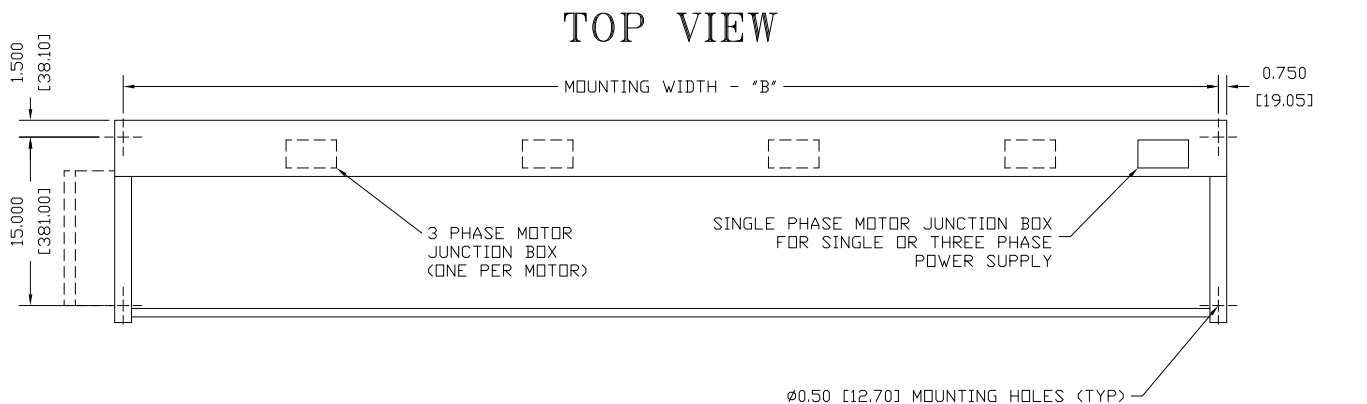


NOTES:

- 1 AIR CURTAIN MUST BE INSTALLED SO AIR STREAM IS NOT OBSTRUCTED WHEN DEFLECTED 20° TO EITHER SIDE OF C.
- 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 STANDARD CONTROL PANEL LEFT HAND MOUNT, OPTIONAL RIGHT HAND MOUNT, OR REMOTE. PLEASE SPECIFY.
- 8 DIMENSIONS IN INCHES [MILLIMETERS].

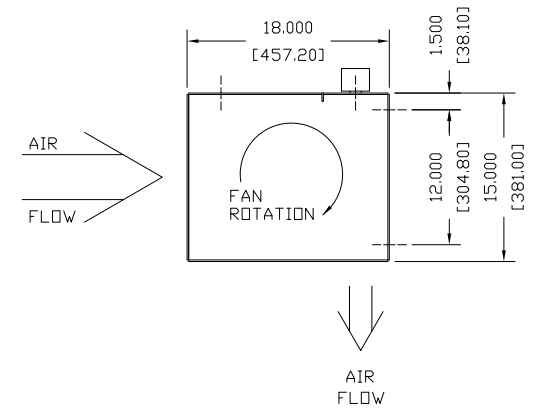
MODEL [△]	NOZZLE WIDTH "A"	MOUNTING WIDTH "B"	UNIT WIDTH "C"
IDC12-1036A	36.00 [914]	37.50 [953]	39.00 [991]
IDC12-1042A	42.00 [1067]	43.50 [1104]	45.00 [1143]
IDC12-1048A	48.00 [1219]	49.50 [1257]	51.00 [1295]
IDC12-2060A	66.00 [1676]	67.50 [1715]	69.00 [1753]
IDC12-2072A	72.00 [1829]	73.50 [1867]	75.00 [1905]
IDC12-2078A	78.00 [1921]	79.50 [2019]	81.00 [2057]
IDC12-2084A	84.00 [2134]	85.50 [2172]	87.00 [2210]
IDC12-2096A/3096A	99.00 [2515]	100.50 [2553]	102.00 [2591]
IDC12-3108A	108.00 [2743]	109.50 [2781]	111.00 [2819]
IDC12-3120A	117.00 [2972]	118.50 [3010]	120.00 [3048]
IDC12-3132A	132.00 [3353]	133.50 [3391]	135.00 [3429]
IDC12-3144A/4144A	144.00 [3658]	145.50 [3696]	147.00 [3734]

PROJECT			
LOCATION			
ARCHITECT			
ENGINEER			REV. B
DWG. NO.	IDC12-AMB1	TITLE:	BERNER
DATE	23JUN2025		MODEL IDC12 AIR CURTAIN AMBIENT SYSTEM
BY	S. Beil		
REPLACES	11DEC2024		
BY	S. Beil		BERNER INTERNATIONAL CORP. NEW CASTLE, PA.



IDC12 AMBIENT SYSTEM

END VIEW

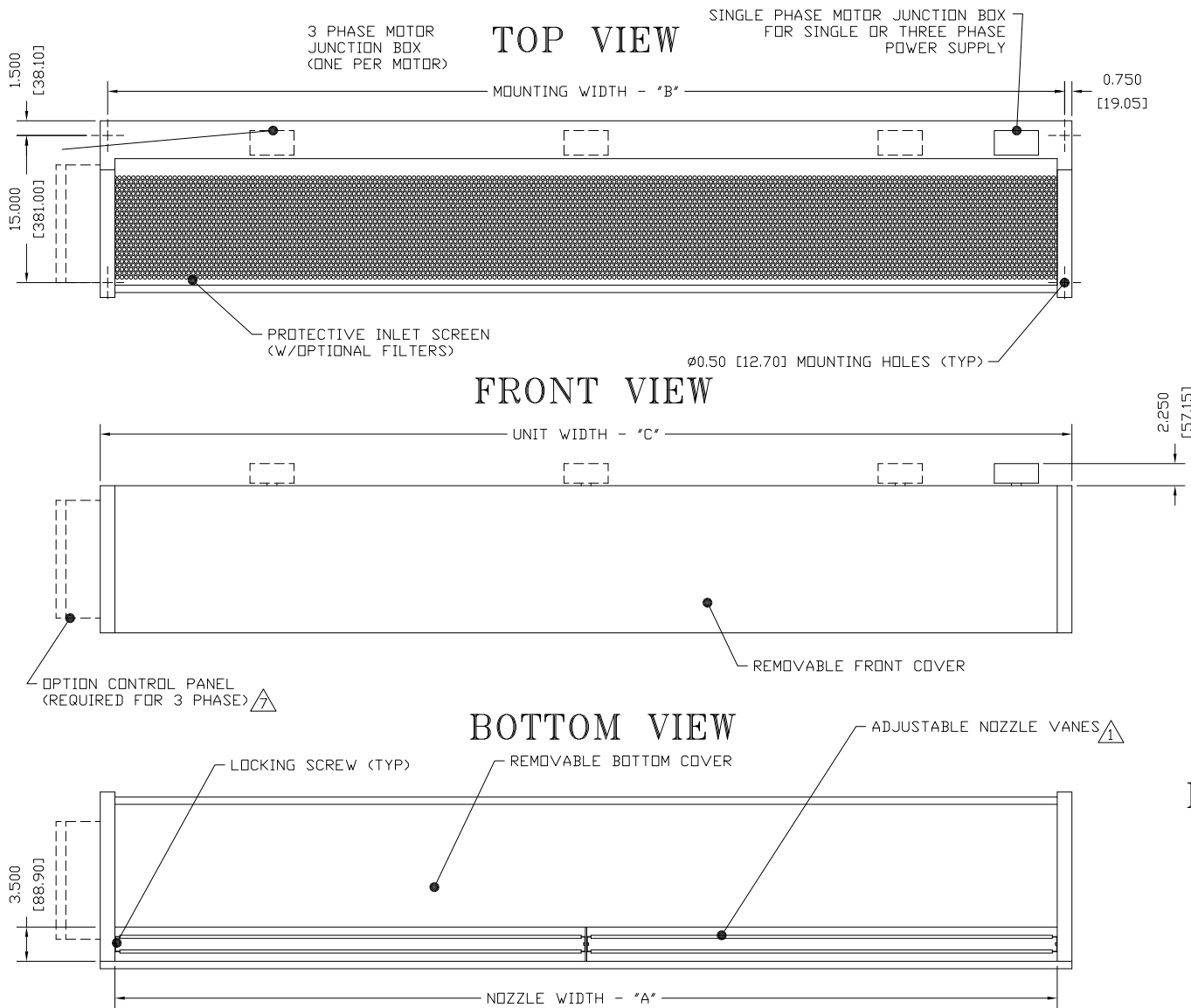


NOTES:

- ⚠ AIR CURTAIN MUST BE INSTALLED SO AIR STREAM IS NOT OBSTRUCTED WHEN DEFLECTED 20° TO EITHER SIDE OF C.
- ⚠ ELECTRICAL CONNECTIONS TO BE FLEXIBLE.
- ⚠ FIELD VERIFY DIMENSIONS.
- ⚠ ANCHORS TO SUPPORTING STRUCTURE BY OTHERS.
- ⚠ ADEQUACY OF SUPPORTING STRUCTURE IS TO BE VERIFIED BY A PROFESSIONAL STRUCTURAL ENGINEER.
- ⚠ LETTER "A" IN MODEL NUMBER DESIGNATES, AMBIENT UNIT.
- ⚠ STANDARD CONTROL PANEL LEFT HAND MOUNT, OPTIONAL RIGHT HAND MOUNT, OR REMOTE. PLEASE SPECIFY.
- ⚠ DIMENSIONS IN INCHES [MILLIMETERS].

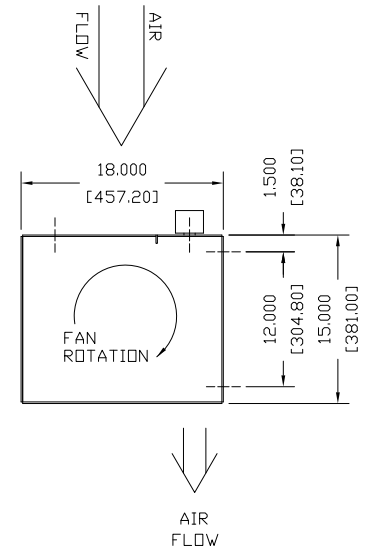
MODEL ⚠	NOZZLE WIDTH "A"	MOUNTING WIDTH "B"	UNIT WIDTH "C"
IDC12-4156A	156.00 [3962]	157.50 [4001]	159.00 [4039]
IDC12-4168A	168.00 [4267]	169.50 [4305]	171.00 [4343]
IDC12-4180A/5180A	180.00 [4572]	181.50 [4610]	183.00 [4648]
IDC12-4192A/5192A	192.00 [4877]	193.50 [4915]	195.00 [4953]

PROJECT			
LOCATION			
ARCHITECT			
ENGINEER			
DWG. NO.	IDC12-AMB2	TITLE:	BERNER
DATE	23JUN2025		MODEL IDC12 AIR CURTAIN AMBIENT SYSTEM
BY	S. Beil		
REPLACES	11DEC2024		
BY	S. Beil		BERNER INTERNATIONAL CORP. NEW CASTLE, PA.



IDC12 AMBIENT SYSTEM TOP INTAKE

END VIEW

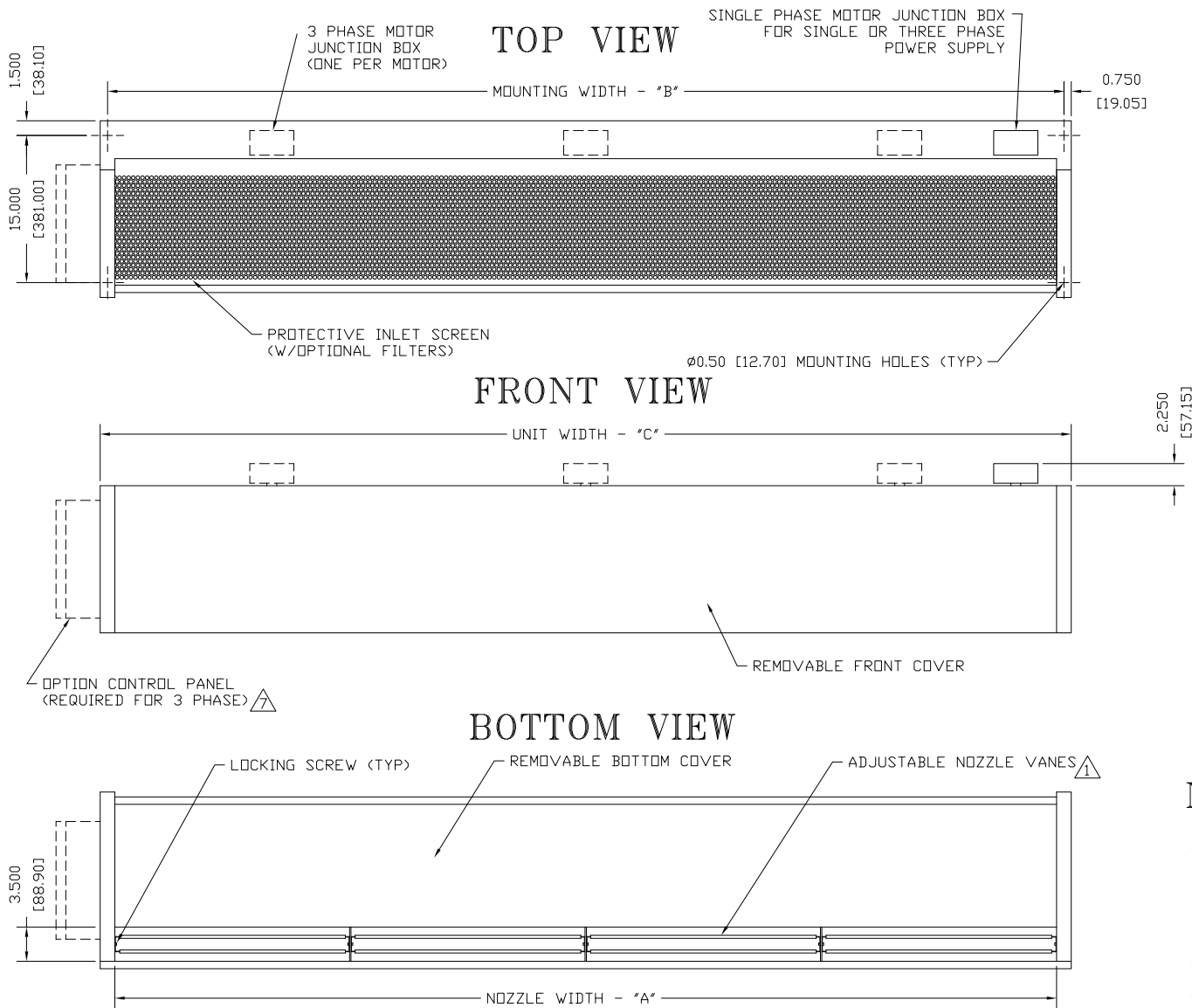


NOTES:

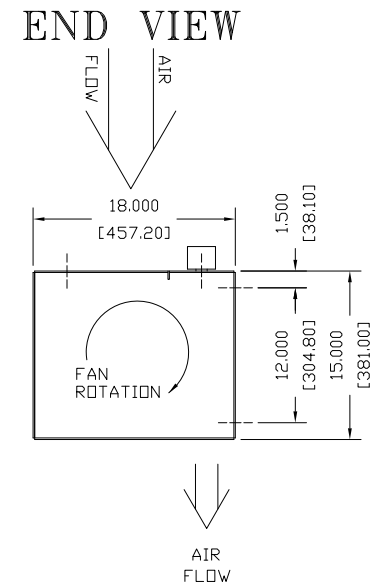
- ⚠ AIR CURTAIN MUST BE INSTALLED SO AIR STREAM IS NOT OBSTRUCTED WHEN DEFLECTED 20° TO EITHER SIDE OF C.
- ⚠ ELECTRICAL CONNECTIONS TO BE FLEXIBLE.
- ⚠ FIELD VERIFY DIMENSIONS.
- ⚠ ANCHORS TO SUPPORTING STRUCTURE BY OTHERS.
- ⚠ ADEQUACY OF SUPPORTING STRUCTURE IS TO BE VERIFIED BY A PROFESSIONAL STRUCTURAL ENGINEER.
- ⚠ LETTER "A" IN MODEL NUMBER DESIGNATES, AMBIENT UNIT.
- ⚠ STANDARD CONTROL PANEL LEFT HAND MOUNT, OPTIONAL RIGHT HAND MOUNT, OR REMOTE. PLEASE SPECIFY.
- ⚠ DIMENSIONS IN INCHES [MILLIMETERS].

MODEL ⚠	NOZZLE WIDTH "A"	MOUNTING WIDTH "B"	UNIT WIDTH "C"
IDC12-1036A	36.00 [914]	37.50 [953]	39.00 [991]
IDC12-1042A	42.00 [1067]	43.50 [1104]	45.00 [1143]
IDC12-1048A	48.00 [1219]	49.50 [1257]	51.00 [1295]
IDC12-2060A	66.00 [1676]	67.50 [1715]	69.00 [1753]
IDC12-2072A	72.00 [1829]	73.50 [1867]	75.00 [1905]
IDC12-2078A	78.00 [1921]	79.50 [2019]	81.00 [2057]
IDC12-2084A	84.00 [2134]	85.50 [2172]	87.00 [2210]
IDC12-2096A/3096A	99.00 [2515]	100.50 [2553]	102.00 [2591]
IDC12-3108A	108.00 [2743]	109.50 [2781]	111.00 [2819]
IDC12-3120A	117.00 [2972]	118.50 [3010]	120.00 [3048]
IDC12-3132A	132.00 [3353]	133.50 [3391]	135.00 [3429]
IDC12-3144A/4144A	144.00 [3658]	145.50 [3696]	147.00 [3734]

PROJECT			
LOCATION			
ARCHITECT			
ENGINEER			
DWG. NO.	IDC12-AMB3	TITLE:	BERNER
DATE	23JUN2025	MODEL IDC12 AIR CURTAIN AMBIENT SYSTEM - TOP INTAKE	
BY	S. Beil	BERNER INTERNATIONAL CORP. NEW CASTLE, PA.	
REPLACES	11DEC2024		
BY	S. Beil		



IDC12 AMBIENT SYSTEM TOP INTAKE



NOTES:

- ⚠ AIR CURTAIN MUST BE INSTALLED SO AIR STREAM IS NOT OBSTRUCTED WHEN DEFLECTED 20° TO EITHER SIDE OF C.
- ⚠ ELECTRICAL CONNECTIONS TO BE FLEXIBLE.
- ⚠ FIELD VERIFY DIMENSIONS.
- ⚠ ANCHORS TO SUPPORTING STRUCTURE BY OTHERS.
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- ⚠ LETTER "A" IN MODEL NUMBER DESIGNATES, AMBIENT UNIT.
- ⚠ STANDARD CONTROL PANEL LEFT HAND MOUNT, OPTIONAL RIGHT HAND MOUNT, OR REMOTE. PLEASE SPECIFY.
- ⚠ DIMENSIONS IN INCHES [MILLIMETERS].

MODEL ⚠	NOZZLE WIDTH "A"	MOUNTING WIDTH "B"	UNIT WIDTH "C"
IDC12-4156A	156.00 [3962]	157.50 [4001]	159.00 [4039]
IDC12-4168A	168.00 [4267]	169.50 [4305]	171.00 [4343]
IDC12-4180A/5180A	180.00 [4572]	181.50 [4610]	183.00 [4648]
IDC12-4192A/5192A	192.00 [4877]	193.50 [4915]	195.00 [4953]

PROJECT			
LOCATION			
ARCHITECT			
ENGINEER			REV. B
DWG. NO.	IDC12-AMB4	TITLE:	BERNER
DATE	23JUN2025	MODEL IDC12 AIR CURTAIN	
BY	S. Beil	AMBIENT SYSTEM - TOP INTAKE	
REPLACES	11DEC2024	BERNER INTERNATIONAL CORP. NEW CASTLE, PA.	
BY	S. Beil		