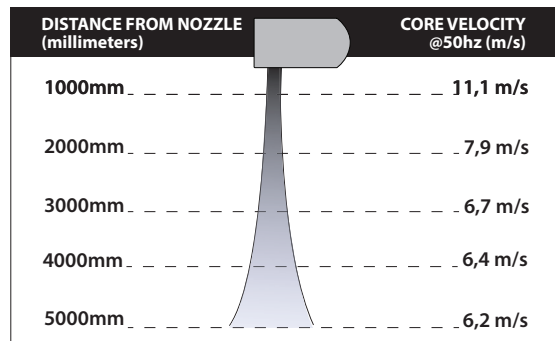




Velocity testing shown above was obtained in accordance with ISO27327-1, but is not AMCA certified.

**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 & Heater (kW)	Total AC Motor & Heater (A) per Circuit	Min / Max Air Temp. Rise (°C)	Net Wt. (kg)
IDC12-1036E	914	21,9	7,3	2141	87%	0,4	15	24,8	19° / 28°	48
IDC12-1042E	1067	23,5	6,6	2241	89%	0,4	15	24,8	19° / 27°	51
IDC12-1048E	1219	22,4	5,8	2257	78%	0,4	15	24,8	18° / 27°	53
IDC12-2060E	1676	20,2	7,7	4150	85%	0,8	29	28,3 / 21,3	20° / 29°	82
IDC12-2072E	1829	21,9	7,3	4281	87%	0,8	29	28,3 / 21,3	19° / 28°	86
IDC12-2078E	1981	21,9	6,9	4382	87%	0,9	29	28,3 / 21,3	19° / 27°	89
IDC12-2084E	2134	23,5	6,6	4482	89%	0,9	29	28,3 / 21,3	19° / 27°	91
IDC12-2096E	2515	22,4	5,6	4514	78%	0,9	29	28,3 / 21,3	18° / 27°	96
IDC12-3096E	2515	20,2	7,8	6290	85%	1,2	44	31,8 / 42,5	20° / 29°	117
IDC12-3108E	2743	21,9	7,3	6422	87%	1,3	44	31,8 / 42,5	19° / 28°	137
IDC12-3120E	2972	21,9	7,0	6623	87%	1,3	44	31,8 / 42,5	19° / 27°	140
IDC12-3132E	3353	22,4	6,3	6739	78%	1,3	44	31,8 / 42,5	19° / 27°	149
IDC12-3144E	3658	22,4	5,8	6770	78%	1,3	44	31,8 / 42,5	18° / 27°	156
IDC12-4144E	3658	21,9	7,3	8563	87%	1,7	58	35,3 / 42,5 / 21,3	19° / 28°	177
IDC12-4156E	3962	21,9	6,9	8764	87%	1,7	58	35,3 / 42,5 / 21,3	19° / 27°	184
IDC12-4168E	4267	23,5	6,6	8965	89%	1,7	58	35,3 / 42,5 / 21,3	19° / 27°	190
IDC12-4180E	4572	22,4	6,1	8996	78%	1,7	58	35,3 / 42,5 / 21,3	18° / 27°	195
IDC12-5180E	4572	21,9	7,3	10703	87%	2,1	73	38,8 / 42,5 / 42,5	19° / 28°	217
IDC12-4192E	4877	22,4	5,8	9027	78%	1,8	58	35,3 / 42,5 / 21,3	18° / 27°	201
IDC12-5192E	4877	22,4	6,9	10804	78%	2,1	73	38,8 / 42,5 / 42,5	19° / 28°	222

NOTE: Min/Max Temp Rise: Min Temp Rise at high speed and Max Temp Rise at low speed.

MODEL NUMBER CONFIGURATION

IDC12-1 036 E PE-140-F-SS

Series	# of Motors	Opening Width	Heat	Voltage	Standard kW	Intake	Opt. Cabinet Finish
IDC12	1, 2, 3, 4, 5	036" - 192" (914- 4877mm)	E=Electric Heated	AC motors only PE = 400/3/50	14.0 - 70.0 (140 - 700)	T=Top F=Front	SS=Stainless Steel CC=Custom Color

for Standard offering, leave options (Opt.) blank

STANDARD CONSTRUCTION

- 0,37 kW AC two speed motor(s) - direct drive
- 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
- Patented venturi open helical element with point suspension
 - Thermal overload protection
 - Aluminized steel frame

OPTIONS

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

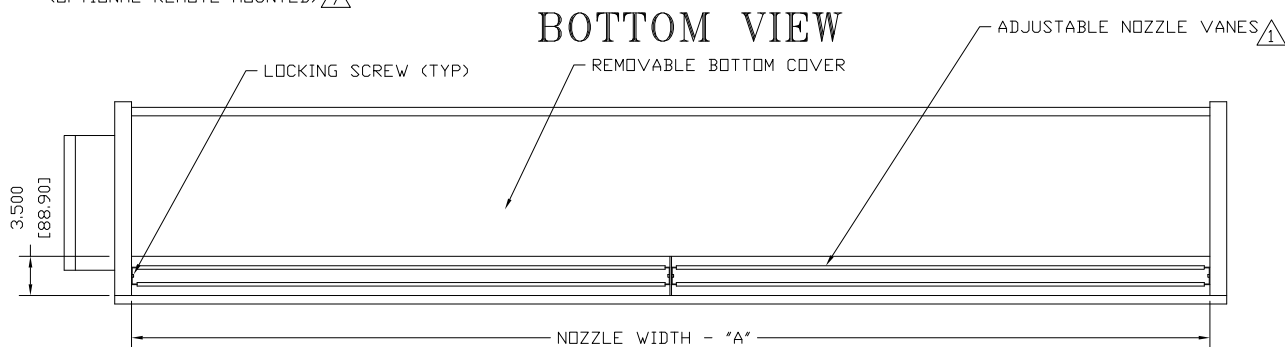
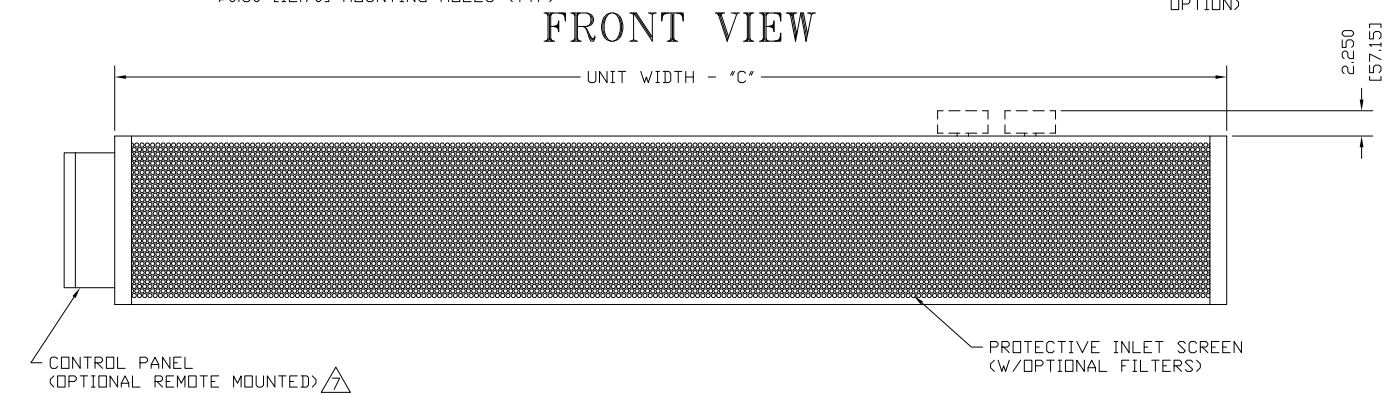
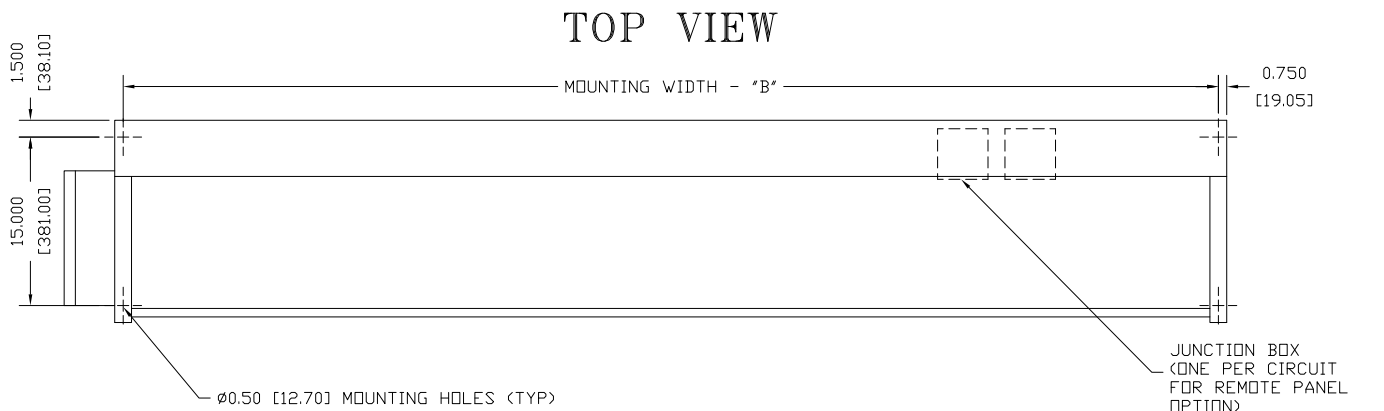
VELOCITY PROJECTION: Model IDC12-1036E

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

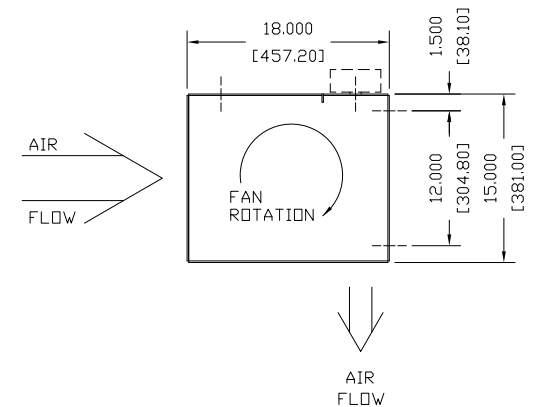
Berner reserves the right to alter specifications without prior notice.



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

IDC12 ELECTRIC HEATED

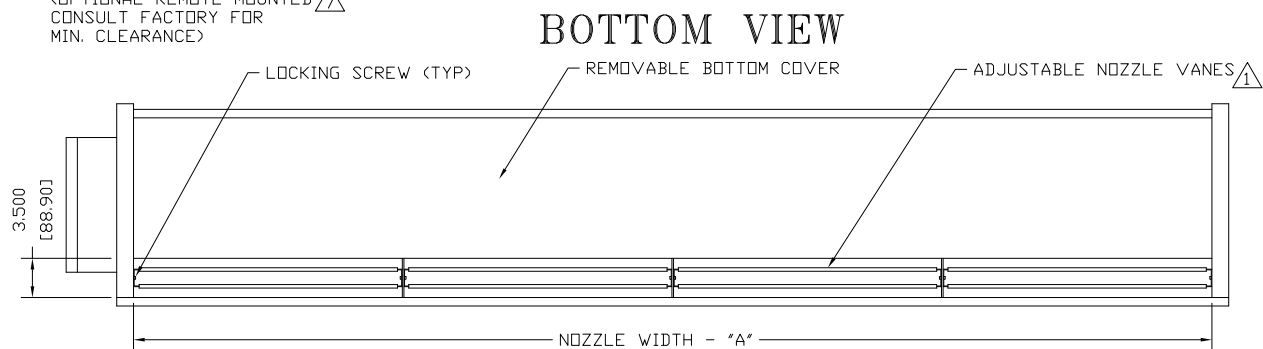
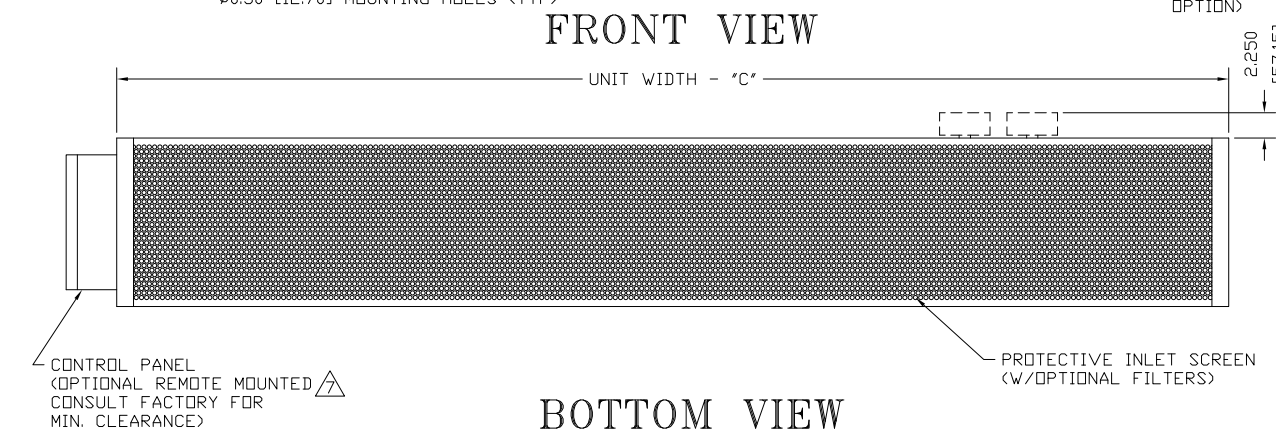
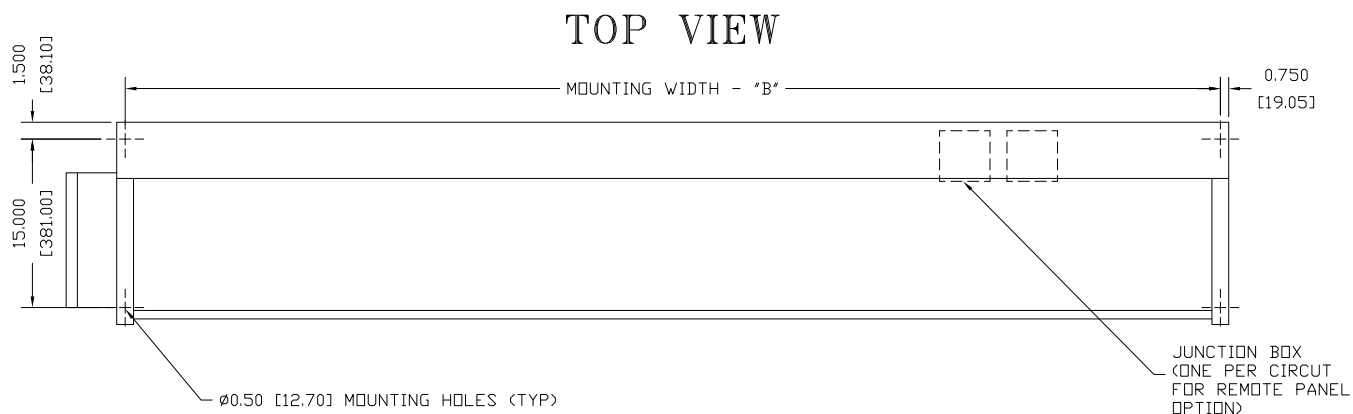
END VIEW



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 "E" IN MODEL NUMBER DESIGNATES, ELECTRIC HEATED UNIT.
- ⚠ STANDARD CONTROL PANEL LEFT HAND MOUNT, OPTIONAL RIGHT HAND MOUNT, OR REMOTE. PLEASE SPECIFY.
- ⚠ DIMENSIONS IN INCHES [MILLIMETERS].

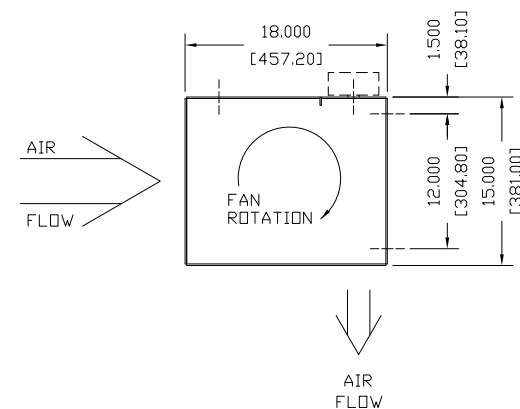
PROJECT			
LOCATION			
ARCHITECT			
ENGINEER			
DWG. NO.	IDC12-ELE1	TITLE:	BERNER
DATE	23JUN2025		MODEL IDC12 AIR CURTAIN
BY	S. Beil		ELECTRIC HEATED SYSTEM
REPLACES	11DEC2024		
BY	S. Beil		BERNER INTERNATIONAL CORP. NEW CASTLE, PA.



MODEL 6	NOZZLE WIDTH "A"	MOUNTING WIDTH "B"	UNIT WIDTH "C"
IDC12-4156E	156.00 [3962]	157.50 [4001]	159.00 [4039]
IDC12-4168E	168.00 [4267]	169.50 [4305]	171.00 [4343]
IDC12-4180E/5180E	180.00 [4572]	181.50 [4610]	183.00 [4648]
IDC12-4192E/5192E	192.00 [4877]	193.50 [4915]	195.00 [4953]

IDC12 ELECTRIC HEATED

END VIEW



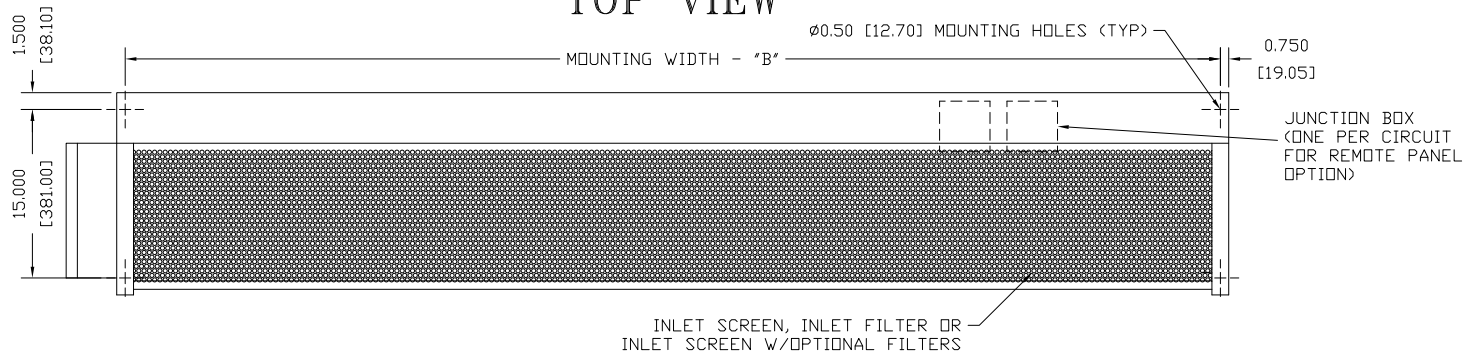
NOTES:

- 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 "E" IN MODEL NUMBER DESIGNATES, ELECTRIC HEATED UNIT.
- 7 STANDARD CONTROL PANEL LEFT HAND MOUNT, OPTIONAL RIGHT HAND MOUNT, OR REMOTE. PLEASE SPECIFY.
- 8 DIMENSIONS IN INCHES [MILLIMETERS].

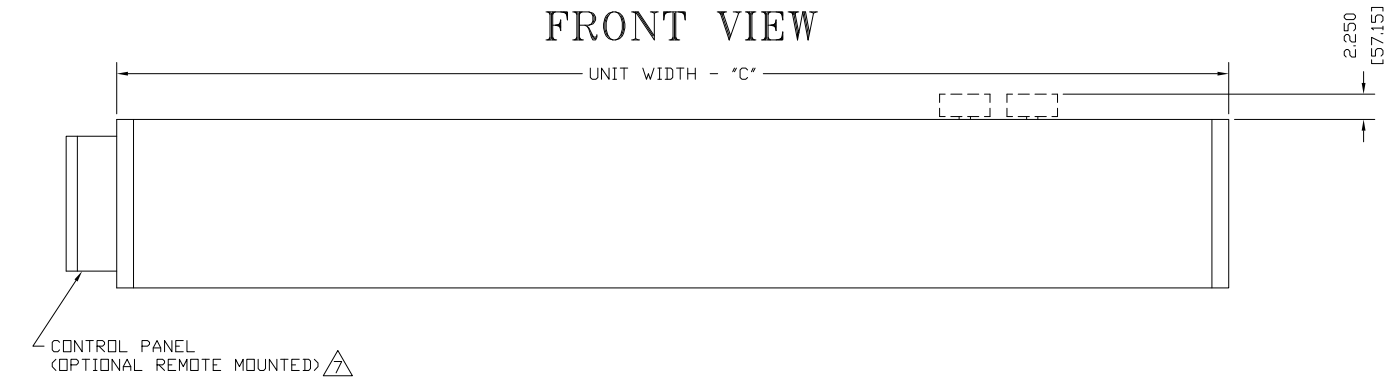
PROJECT		
LOCATION		
ARCHITECT		
ENGINEER		REV. B
DWG. NO.	IDC12-ELE2	TITLE: BERNER
DATE	23JUN2025	MODEL IDC12 AIR CURTAIN ELECTRIC HEATED SYSTEM
BY	S. Beil	
REPLACES	11DEC2024	
BY	S. Beil	BERNER INTERNATIONAL CORP. NEW CASTLE, PA.

IDC12 ELECTRIC HEATED TOP INTAKE

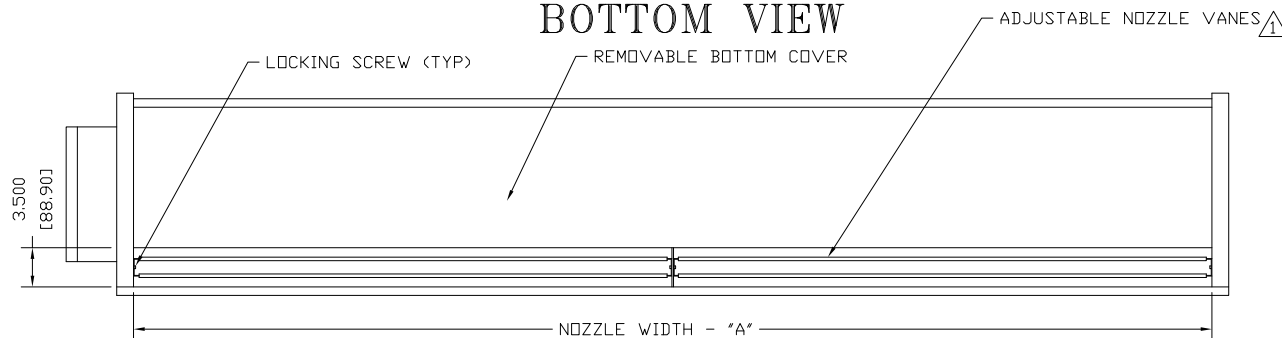
TOP VIEW



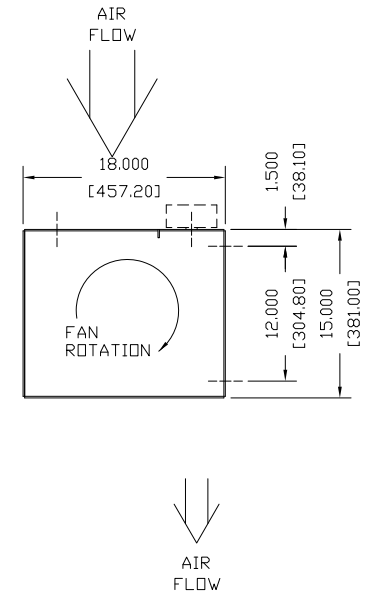
FRONT VIEW



BOTTOM VIEW



END VIEW

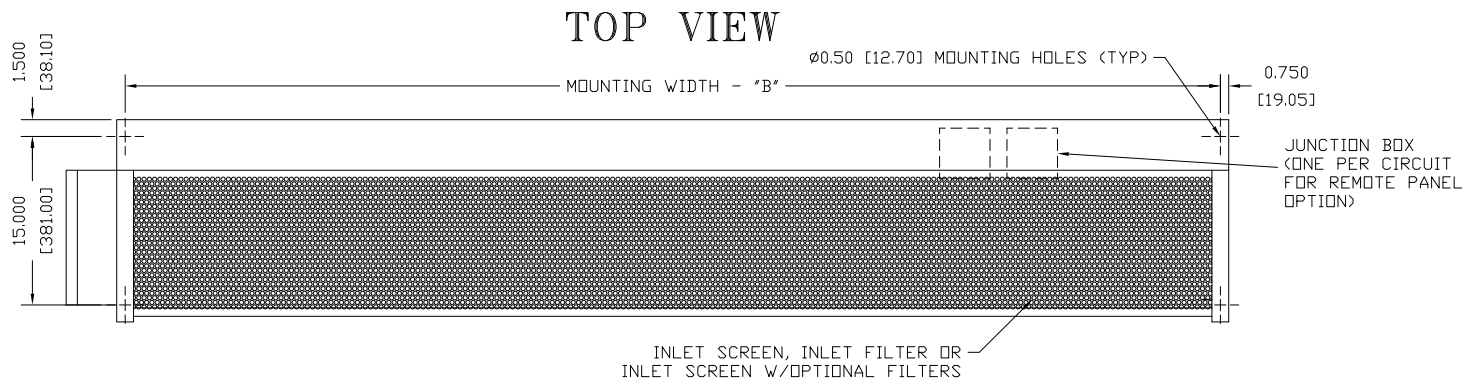


NOTES:

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- 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 "E" IN MODEL NUMBER DESIGNATES, ELECTRIC HEATED UNIT.
- 7 STANDARD CONTROL PANEL LEFT HAND MOUNT, OPTIONAL RIGHT HAND MOUNT, OR REMOTE. PLEASE SPECIFY.
- 8 DIMENSIONS IN INCHES [MILLIMETERS].

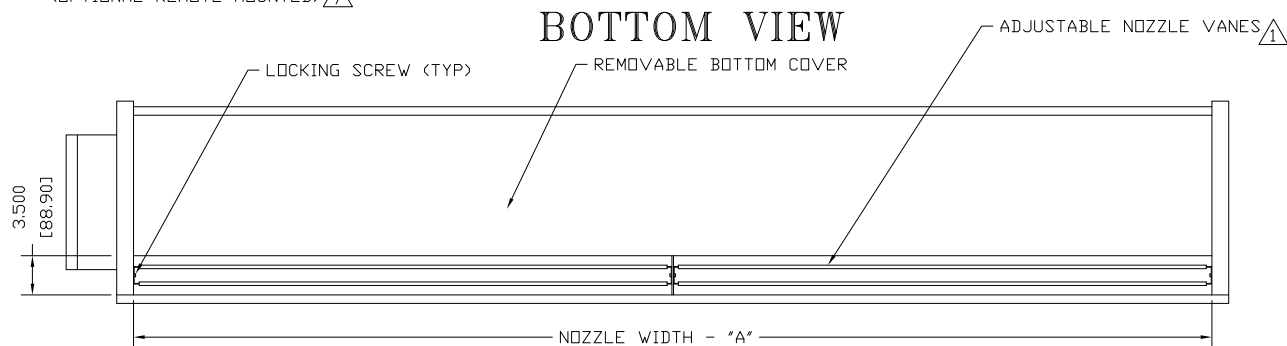
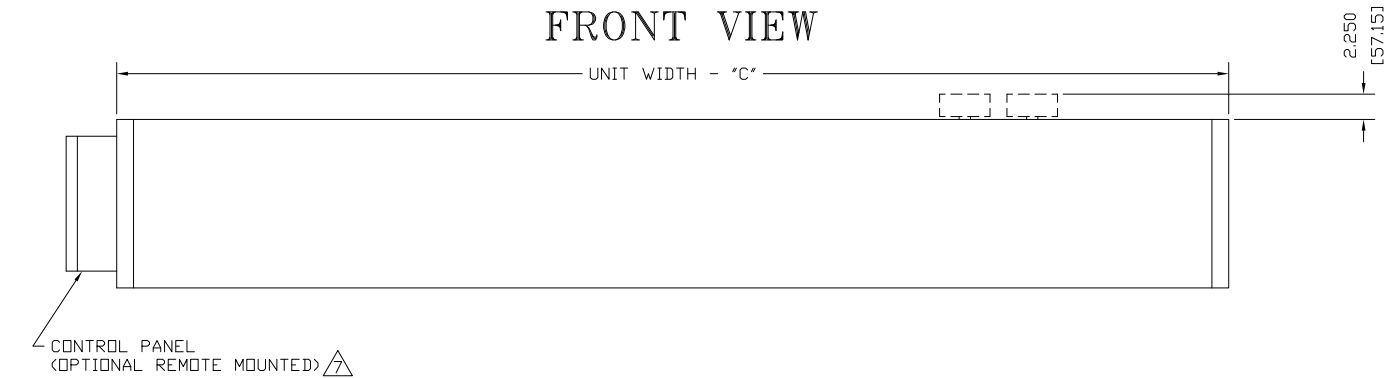
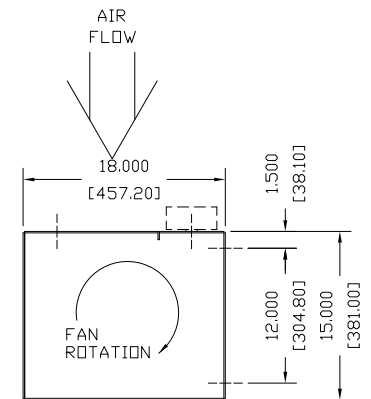
MODEL	NOZZLE WIDTH "A"	MOUNTING WIDTH "B"	UNIT WIDTH "C"
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IDC12-2096E/3096E	99.00 [2515]	100.50 [2553]	102.00 [2591]
IDC12-3108E	108.00 [2743]	109.50 [2781]	111.00 [2819]
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IDC12-3132E	132.00 [3353]	133.50 [3391]	135.00 [3429]
IDC12-3144E/4144E	144.00 [3658]	145.50 [3696]	147.00 [3734]

PROJECT			
LOCATION			
ARCHITECT			
ENGINEER			REV. B
DWG. NO.	IDC12-ELE3	TITLE:	BERNER
DATE	23JUN2025		MODEL IDC12 AIR CURTAIN
BY	S. Beil		TOP INTAKE - ELECTRIC HEATED SYSTEM
REPLACES	11DEC2024		
BY	S. Beil		BERNER INTERNATIONAL CORP. NEW CASTLE, PA.



IDC12 ELECTRIC HEATED TOP INTAKE

END VIEW



NOTES:

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- ⚠ 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 "E" IN MODEL NUMBER DESIGNATES, ELECTRIC HEATED 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"
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IDC12-4168E	168.00 [4267]	169.50 [4305]	171.00 [4343]
IDC12-4180E/5180E	180.00 [4572]	181.50 [4610]	183.00 [4648]
IDC12-4192E/5192E	192.00 [4877]	193.50 [4915]	195.00 [4953]

PROJECT			
LOCATION			
ARCHITECT			
ENGINEER			REV. B
DWG. NO.	IDC12-ELE4	TITLE:	BERNER
DATE	23JUN2025	MODEL IDC12 AIR CURTAIN	
BY	S. Beil	TOP INTAKE - ELECTRIC HEATED SYSTEM	
REPLACES	11DEC2024	BERNER INTERNATIONAL CORP.	
BY	S. Beil	NEW CASTLE, PA.	