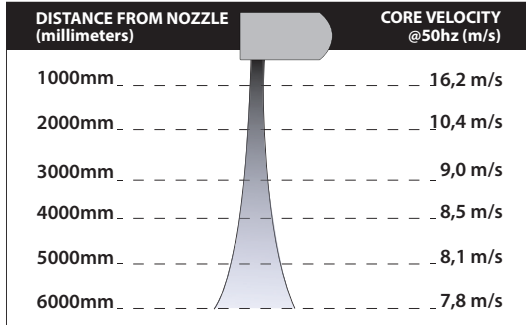




Velocity testing shown above was obtained in accordance with ISO27327-1, but is not AMCA certified.

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 AC Motor & Heater (kW)	Total Motor & Heater (A) per Circuit	Min / Max Air Temp. Rise (°C)	Net Wt. (kg)
IDC14-1036E	914	32,0	11,6	3392	87%	0,9	15	30,8	12° / 18°	49
IDC14-1042E	1067	29,8	10,3	3520	81%	0,9	15	30,8	12° / 17°	52
IDC14-1048E	1219	30,4	9,2	3589	84%	1,0	16	30,8	12° / 17°	54
IDC14-2060E	1676	31,8	12,1	6476	97%	1,7	30	40,3 / 21,3	13° / 18°	85
IDC14-2072E	1829	32,0	11,6	6784	87%	1,9	30	40,3 / 21,3	12° / 18°	89
IDC14-2078E	1981	29,8	10,9	6912	81%	1,9	30	40,3 / 21,3	12° / 17°	92
IDC14-2084E	2134	29,8	10,3	7039	81%	1,9	30	40,3 / 21,3	12° / 17°	94
IDC14-2096E	2515	30,4	8,9	7178	84%	2,1	31	40,3 / 21,3	12° / 17°	98
IDC14-3096E	2515	32,0	12,3	9868	87%	2,7	45	49,8 / 42,5	13° / 18°	121
IDC14-3108E	2743	32,0	11,6	10177	87%	2,8	45	49,8 / 42,5	12° / 18°	141
IDC14-3120E	2972	29,8	11,0	10432	81%	2,8	45	49,8 / 42,5	12° / 17°	144
IDC14-3132E	3353	29,8	9,9	10628	81%	2,9	45	49,8 / 42,5	12° / 17°	153
IDC14-3144E	3658	30,4	9,2	10767	84%	3,1	46	49,8 / 42,5	12° / 17°	160
IDC14-4144E	3658	32,0	11,6	13569	87%	3,7	60	40,3 / 40,3 / 42,5	12° / 18°	182
IDC14-4156E	3962	29,8	10,9	13824	81%	3,7	60	40,3 / 40,3 / 42,5	12° / 17°	190
IDC14-4168E	4267	29,8	10,3	14079	81%	3,7	60	40,3 / 40,3 / 42,5	12° / 17°	195
IDC14-4180E	4572	29,8	9,7	14217	81%	3,9	60	40,3 / 40,3 / 42,5	12° / 17°	201
IDC14-5180E	4572	32,0	11,6	16961	87%	4,7	75	40,3 / 40,3 / 30,8 / 42,5	12° / 18°	224
IDC14-4192E	4877	30,4	9,2	14356	84%	4,2	61	40,3 / 40,3 / 42,5	12° / 17°	206
IDC14-5192E	4877	30,4	10,9	17046	84%	4,7	75	40,3 / 40,3 / 30,8 / 42,5	12° / 18°	229

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

MODEL NUMBER CONFIGURATION

IDC14-1 036 E PE-140-F-SS

Series	# of Motors	Opening Width	Heat	Voltage	Standard kW	Intake	Opt. Cabinet Finish
IDC14	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

- 0,74 kW AC two speed motor(s) - direct drive
- 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)

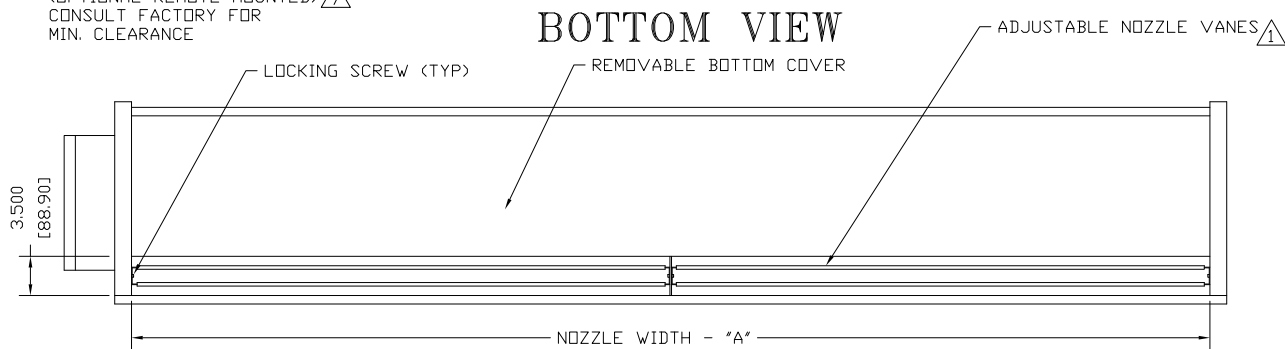
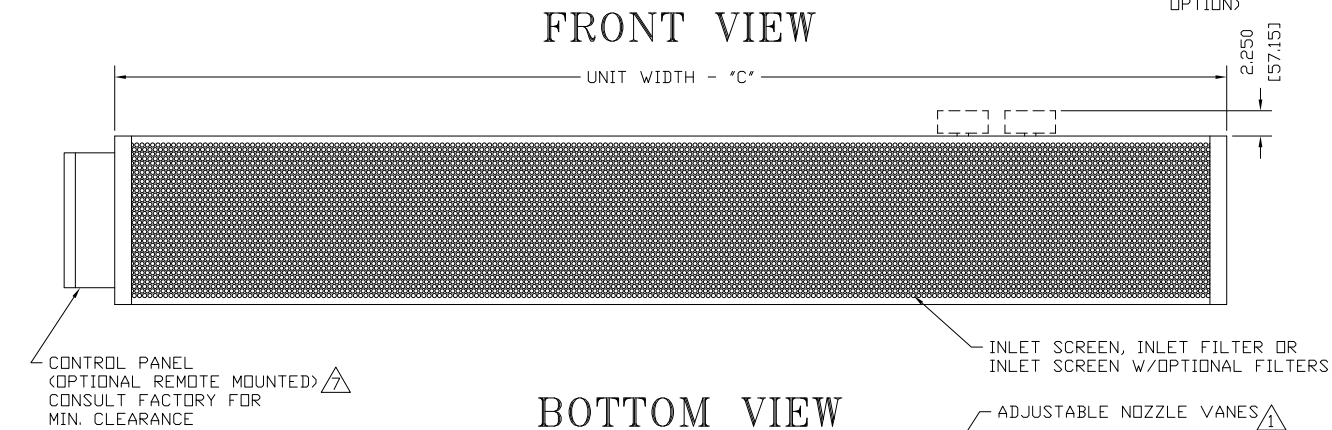
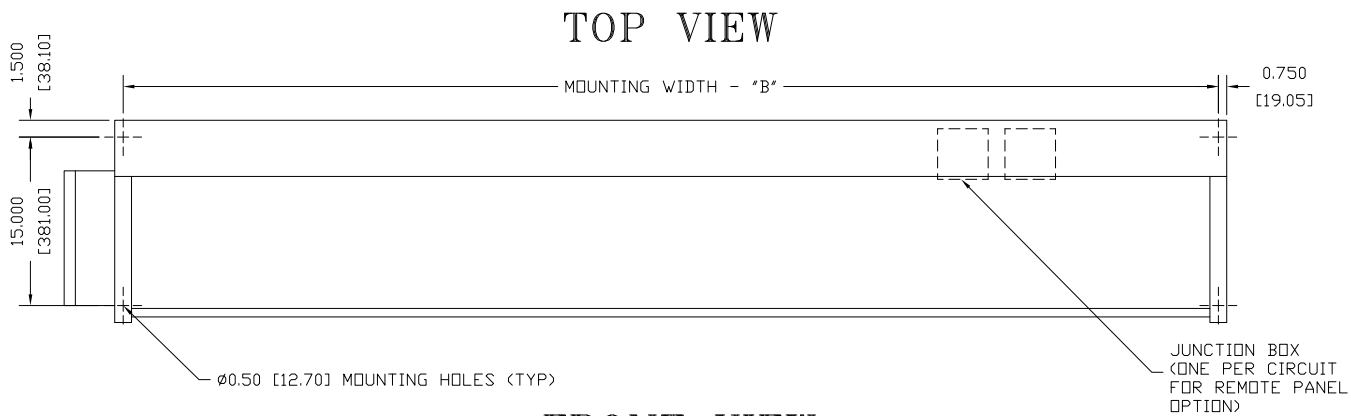
VELOCITY PROJECTION: Model IDC14-1036E

Distance from Nozzle (mm)	1000	2000	3000
Core Velocity (m/s)	16,2	10,4	9,0
Uniformity (%)	95%	85%	96%

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

1, 2, 3, 4 & 5 motor(s): 66 dBA, 69 dBA, 71 dBA, 72 dBA & 73 dBA

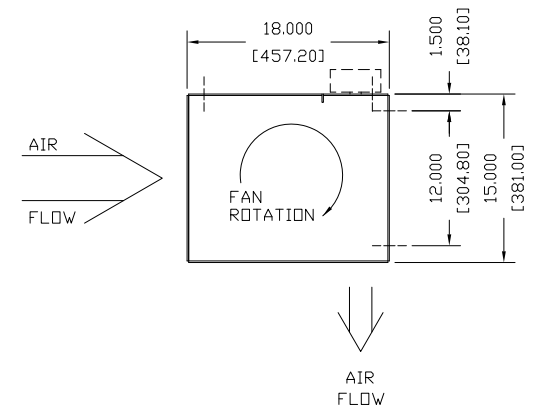
Berner reserves the right to alter specifications without prior notice.



MODEL △	NOZZLE WIDTH "A"	MOUNTING WIDTH "B"	UNIT WIDTH "C"
IDC14-1036E	36.00 [914]	37.50 [953]	39.00 [991]
IDC14-1042E	42.00 [1067]	43.50 [1104]	45.00 [1143]
IDC14-1048E	48.00 [1219]	49.50 [1257]	51.00 [1295]
IDC14-2060E	66.00 [1676]	67.50 [1715]	69.00 [1753]
IDC14-2072E	72.00 [1829]	73.50 [1867]	75.00 [1905]
IDC14-2078E	78.00 [1921]	79.50 [2019]	81.00 [2057]
IDC14-2084E	84.00 [2134]	85.50 [2172]	87.00 [2210]
IDC14-2096E/3096E	99.00 [2515]	100.50 [2553]	102.00 [2591]
IDC14-3108E	108.00 [2743]	109.50 [2781]	111.00 [2819]
IDC14-3120E	117.00 [2972]	118.50 [3010]	120.00 [3048]
IDC14-3132E	132.00 [3353]	133.50 [3391]	135.00 [3429]
IDC14-3144E/4144E	144.00 [3658]	145.50 [3696]	147.00 [3734]

IDC14 ELECTRIC HEATED

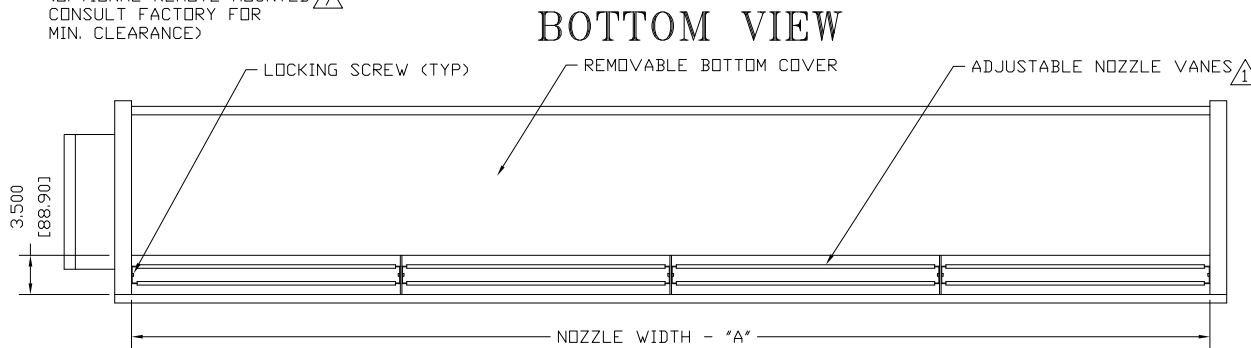
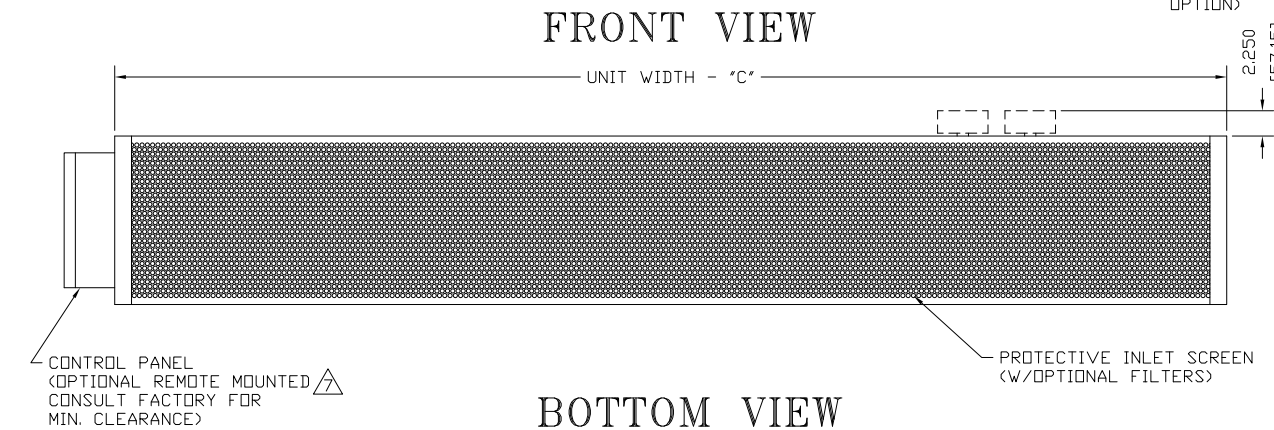
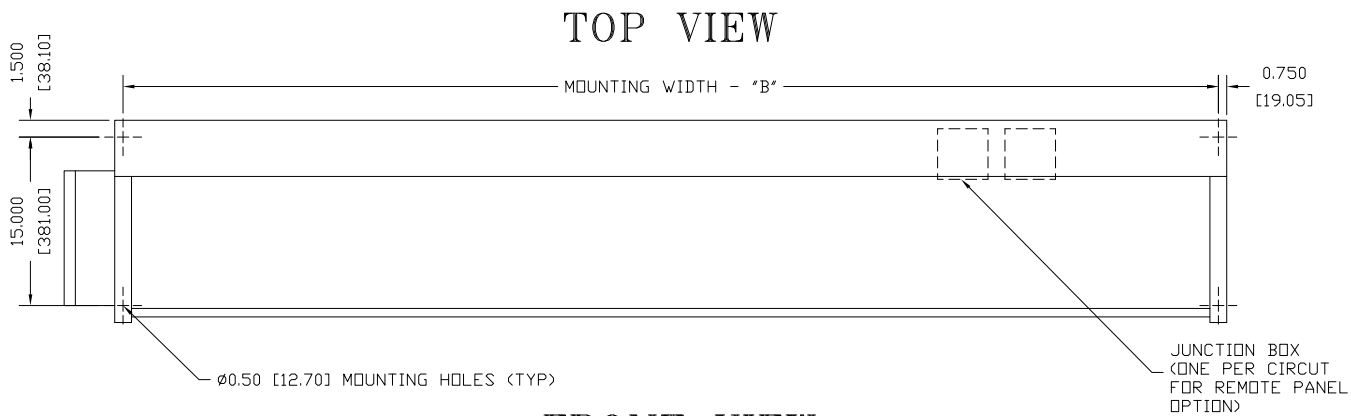
END VIEW



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].

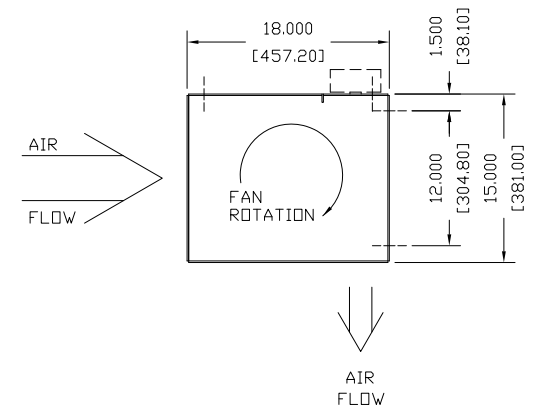
PROJECT			
LOCATION			
ARCHITECT			
ENGINEER			REV. B
DWG. NO.	IDC14-ELE1	TITLE:	BERNER
DATE	23JUN2025		MODEL IDC14 AIR CURTAIN
BY	S. Beil		ELECTRIC HEATED SYSTEM
REPLACES	11DEC2024		
BY	S. Beil		BERNER INTERNATIONAL CORP. NEW CASTLE, PA.



MODEL 8	NOZZLE WIDTH "A"	MOUNTING WIDTH "B"	UNIT WIDTH "C"
IDC14-4156E	156.00 [3962]	157.50 [4001]	159.00 [4039]
IDC14-4168E	168.00 [4267]	169.50 [4305]	171.00 [4343]
IDC14-4180E/5180E	180.00 [4572]	181.50 [4610]	183.00 [4648]
IDC14-4192E/5192E	192.00 [4877]	193.50 [4915]	195.00 [4953]

IDC14 ELECTRIC HEATED

END VIEW



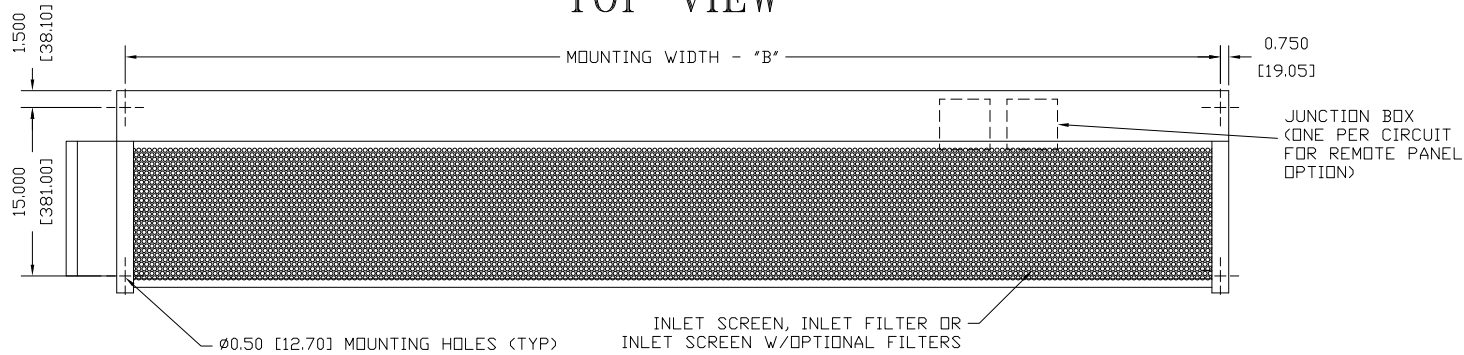
NOTES:

- 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].

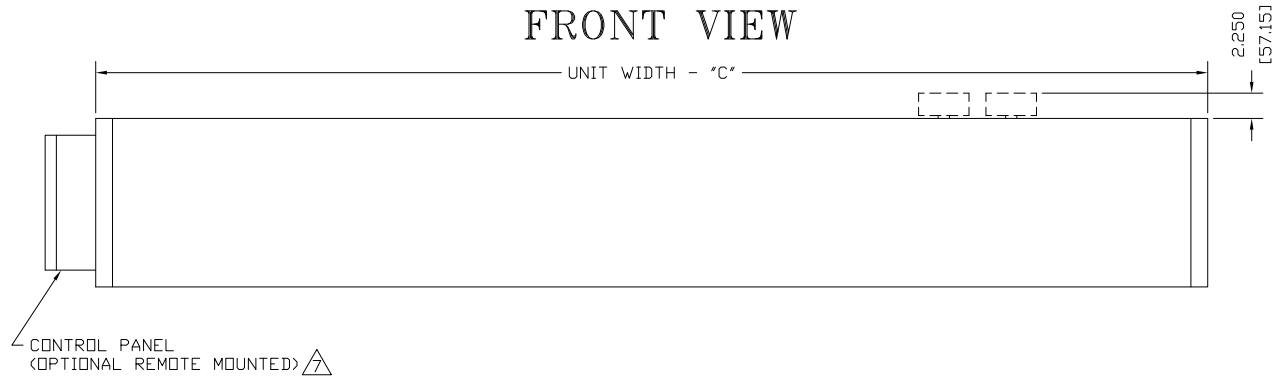
PROJECT			
LOCATION			
ARCHITECT			
ENGINEER			
DWG. NO.	IDC14-ELE2	TITLE:	BERNER
DATE	23JUN2025	MODEL IDC14 AIR CURTAIN ELECTRIC HEATED SYSTEM	
BY	S. Beil		
REPLACES	11DEC2024		
BY	S. Beil	BERNER INTERNATIONAL CORP. NEW CASTLE, PA.	

IDC 14 ELECTRIC HEATED TOP INTAKE

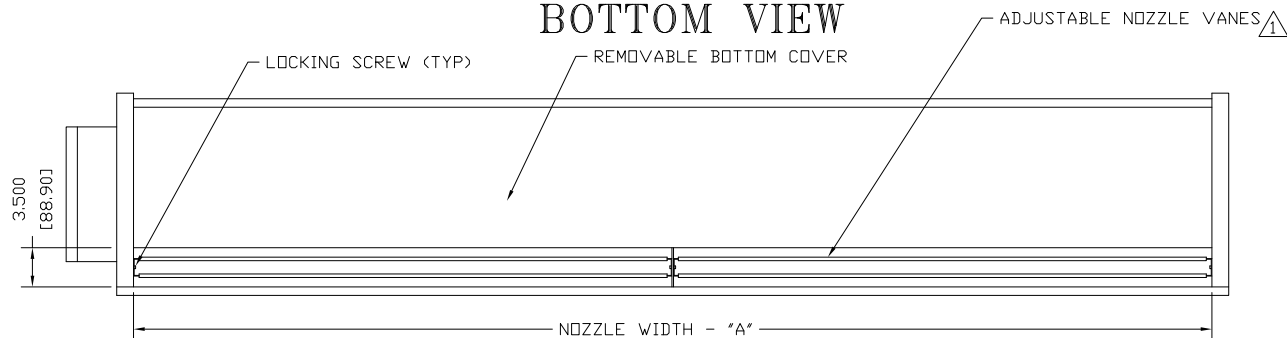
TOP VIEW



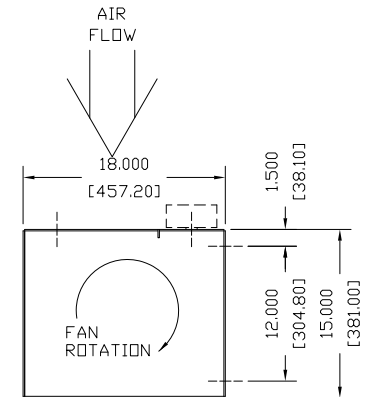
FRONT VIEW



BOTTOM VIEW



END VIEW

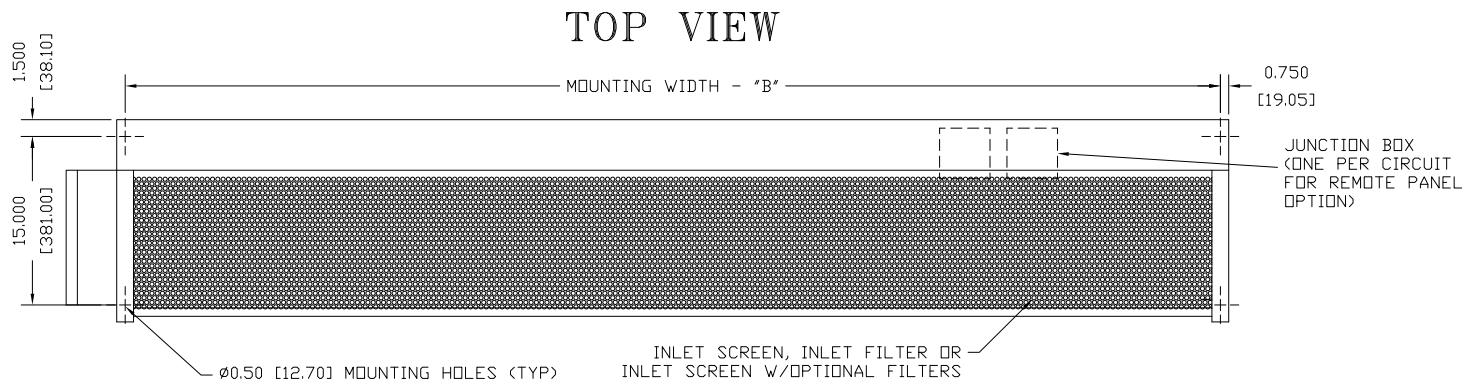


NOTES:

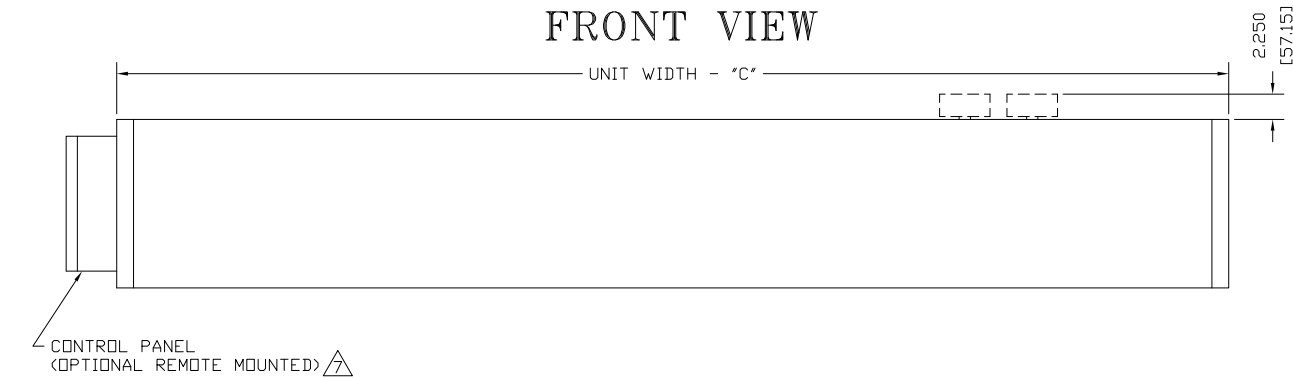
- 1 AIR CURTAIN MUST BE INSTALLED SO AIR STREAM IS NOT OBSTRUCTED WHEN DEFLECTED 20° TO EITHER SIDE OF C.
- 2 ELECTRICAL CONNECTIONS TO BE FLEXIBLE.
- 3 FIELD VERIFY DIMENSIONS.
- 4 ANCHORS TO SUPPORTING STRUCTURE BY OTHERS.
- 5 ADEQUACY OF SUPPORTING STRUCTURE IS TO BE VERIFIED BY A PROFESSIONAL STRUCTURAL 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].

MODEL 6	NOZZLE WIDTH "A"	MOUNTING WIDTH "B"	UNIT WIDTH "C"
IDC14-1036E	36.00 [914]	37.50 [953]	39.00 [991]
IDC14-1042E	42.00 [1067]	43.50 [1104]	45.00 [1143]
IDC14-1048E	48.00 [1219]	49.50 [1257]	51.00 [1295]
IDC14-2060E	66.00 [1676]	67.50 [1715]	69.00 [1753]
IDC14-2072E	72.00 [1829]	73.50 [1867]	75.00 [1905]
IDC14-2078E	78.00 [1921]	79.50 [2019]	81.00 [2057]
IDC14-2084E	84.00 [2134]	85.50 [2172]	87.00 [2210]
IDC14-2096E/3096E	99.00 [2515]	100.50 [2553]	102.00 [2591]
IDC14-3108E	108.00 [2743]	109.50 [2781]	111.00 [2819]
IDC14-3120E	117.00 [2972]	118.50 [3010]	120.00 [3048]
IDC14-3132E	132.00 [3353]	133.50 [3391]	135.00 [3429]
IDC14-3144E/4144E	144.00 [3658]	145.50 [3696]	147.00 [3734]

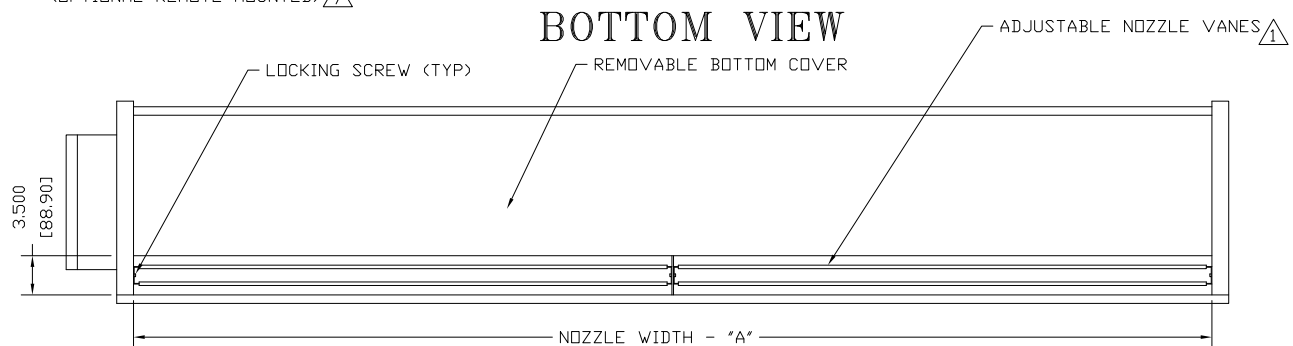
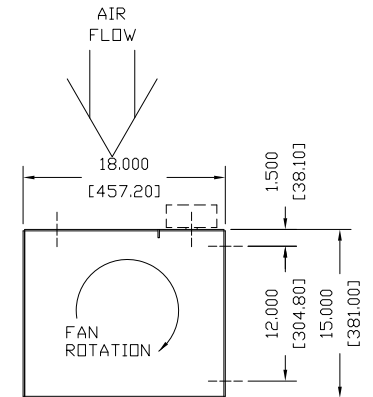
PROJECT			
LOCATION			
ARCHITECT			
ENGINEER			REV. B
DWG. NO.	IDC14-ELE3	TITLE:	BERNER
DATE	23JUN2025		MODEL IDC14 AIR CURTAIN
BY	S. Beil		TOP INTAKE - ELECTRIC HEATED SYSTEM
REPLACES	11DEC2024		
BY	A.Johnston		BERNER INTERNATIONAL CORP. NEW CASTLE, PA.



IDC14 ELECTRIC HEATED TOP INTAKE



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].

MODEL ⁶	NOZZLE WIDTH "A"	MOUNTING WIDTH "B"	UNIT WIDTH "C"
IDC14-4156E	156.00 [3962]	157.50 [4001]	159.00 [4039]
IDC14-4168E	168.00 [4267]	169.50 [4305]	171.00 [4343]
IDC14-4180E/5180E	180.00 [4572]	181.50 [4610]	183.00 [4648]
IDC14-4192E/5192E	192.00 [4877]	193.50 [4915]	195.00 [4953]

PROJECT			
LOCATION			
ARCHITECT			
ENGINEER			REV. B
DWG. NO.	IDC14-ELE4	TITLE:	BERNER
DATE	23JUN2025	MODEL IDC14 AIR CURTAIN	
BY	S. Beil	TOP INTAKE - ELECTRIC HEATED SYSTEM	
REPLACES	11DEC2024	BERNER INTERNATIONAL CORP.	
BY	S. Beil	NEW CASTLE, PA.	