



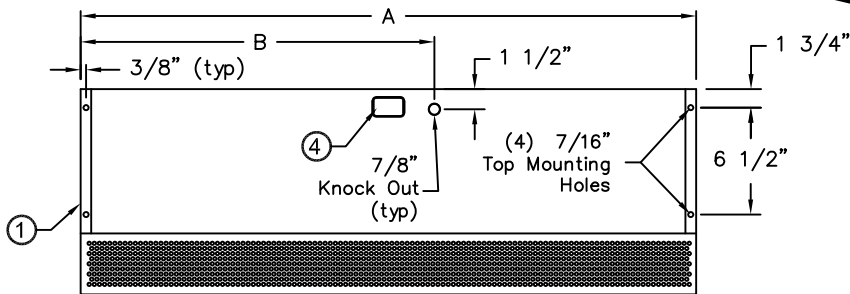
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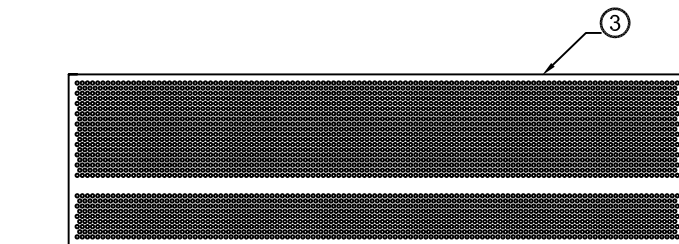
MODEL NO.	N2 Series	DRAWING NO.	N2U-F	DRAWN BY	TVN	CHECKED BY		FILE NAME	
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Unheated Drawing

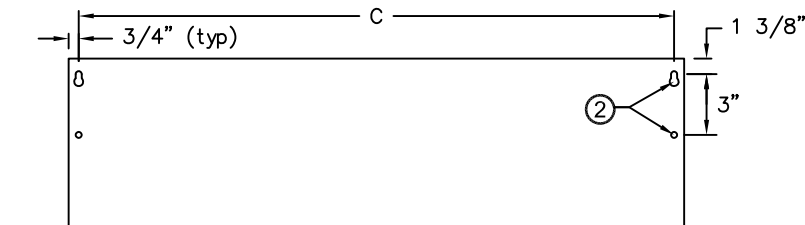
N2 (Sanitation Customer Entrance) Series



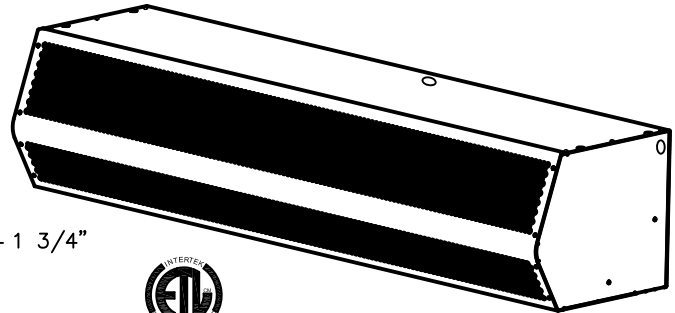
TOP VIEW



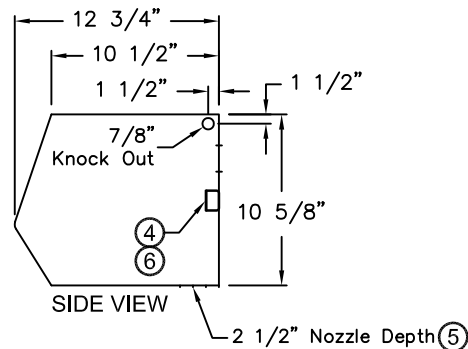
FRONT VIEW



REAR VIEW



Note: Models N260-2, N264-2, N278-2, N296-3 & N2108-2 are not AMCA Certified



SIDE VIEW

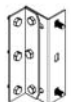
⑦ Recommended Accessories



Control Panels



Door Limit Switches



Brackets

*- Use corresponding letters in "Electrical Data" columns to complete the model numbers.

Notes:

MODEL NUMBER	OVERALL LENGTH A	KNOCKOUT LOCATION B	REAR MOUNTING CENTER C
N236-1U*-OB	36"	25 1/2"	34 1/2"
N242-1U*-OB	42"	28 1/2"	40 1/2"
N248-1U*-OB	48"	31 1/2"	46 1/2"
N260-2U*-OB	60"	37 1/2"	58 1/2"
N264-2U*-OB	64"	41 1/2"	62 1/2"
N272-2U*-OB	72"	40"	70 1/2"
N278-2U*-OB	78"	43"	76 1/2"
N284-2U*-OB	84"	46"	82 1/2"
N296-2U*-OB	96"	52"	94 1/2"
N296-3U*-OB	96"	52"	94 1/2"
N2108-2U*-OB	108"	58"	106 1/2"
N2108-3U*-OB	108"	58"	106 1/2"
N2120-3U*-OB	120"	64"	118 1/2"
N2144-3U*-OB	144"	76"	142 1/2"
N2144-4U*-OB	144"	76"	142 1/2"

- This product is designed to meet the National Electric Code (NEC), ETL Safety Listed for the US and Canada, AMCA Certified and bear the CE mark.
- 1/2" key hole slots and 7/16" mounting holes (4) provided, (2) on each end for wall mounting.
- Cabinet has sufficient strength for fastening to wall on both ends without intermediate support.
- Internal J-Box(es) for electrical wiring: one motor-(1) 2"x 4"; two motors-(1) 4"x 4"; three motors-(2) 4"x 4".
- Unit is to be installed such that air flow is unobstructed. Air discharge nozzle containing adjustable air directional vanes with 40° sweep front to back.
- Circuit protection as per NEC by others.
- Optional motor control panel, door limit switch and mounting brackets are field installed and/or wired by others. The door limit switch is to be mounted such that the air curtain turns on as door begins to open. To prevent unit damage, the mounting brackets must be installed such that the bottom of the air curtain is not below the door header.

N2 (Sanitation Service Entrance) Series

Unheated

Model Lengths 36" – 144"



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Unheated Data Sheet

Applications: Insect Control (up to 7')

N2 (Sanitation Customer Entrance) Series 2	Mechanical Data						Lab Data		AMCA Certified Lab Data			
Model Number	Nozzle Length (in)	Length (in)	Depth (in)	Height (in)	Motor (hp)	Weight (lbs)	Max Velocity (fpm)	Max Volume (cfm)	Avg Velocity (fpm)	Volume (cfm)	Uniformity (%)	Power Rating (watts)
N236-1U*-OB	36	36	13	11	1/2	60	3400	2550	2206	1379	84	500
N242-1U*-OB	42	42	13	11	1/2	65	2925	2550	1945	1418	87	510
N248-1U*-OB	48	48	13	11	1/2	70	2550	2550	1730	1442	85	550
N260-2U*-OB	60	60	13	11	Two 1/2	90	3825	2550	2592	2700	93	940
N264-2U*-OB	64	64	13	11	Two 1/2	110	3825	5100	2449	2721	92	957
N272-2U*-OB	72	72	13	11	Two 1/2	120	3475	5100	2206	2758	84	1000
N278-2U*-OB	78	78	13	11	Two 1/2	123	3200	5100	2064	2795	88	1015
N284-2U*-OB	84	84	13	11	Two 1/2	125	2925	5100	1945	2836	87	1020
N296-2U*-OB	96	96	13	11	Two 1/2	135	2550	5100	1730	2884	85	1100
N296-3U*-OB	96	96	13	11	Three 1/2	165	3825	7650	2449	4082	92	1435
N2108-2U*-OB	108	108	13	11	Two 1/2	145	2550	5100	1574	2952	82	1140
N2108-3U*-OB	108	108	13	11	Three 1/2	175	3400	7650	2206	4137	84	1500
N2120-3U*-OB	120	120	13	11	Three 1/2	185	3060	7650	2084	4341	92	1570
N2144-3U*-OB	144	144	13	11	Three 1/2	200	2550	7650	1730	4326	85	1650
N2144-4U*-OB	144	144	13	11	Four 1/2	235	3400	10200	2206	5516	84	2000

* - Use corresponding letters in "Electrical Data" columns to complete the model numbers.

Note: ETL Sanitation models available in 60 Hz only.

Features:

- ❖ 1/2 HP Continuous Duty Motors
- ❖ Sleek self-contained one piece heavy gauge corrosion proof paint lock metal design
- ❖ ETL Certified to conform to ANSI/NSF 37 Standards for Service Entrances up to 7'
- ❖ ETL Certified to conform to UL 507 (US) and CSA 22.2 (Canada) Standards
- ❖ AMCA Certified to AMCA 211 Standards
- ❖ Top and wall mounting holes provided (7/16")
- ❖ Cabinet has sufficient strength for fastening to wall on both ends without intermediate support.
- ❖ Adjustable air directional vanes with 40° sweep front to back
- ❖ Standard color is Titanium Silver
- ❖ Rust preventative electrostatic polyurethane powder coating
- ❖ 5 year parts warranty
- ❖ Freight Included (FOB Continental USA)
- ❖ Proudly Made in the USA

Options and Accessories: (see Accessories Brochure)

- ❖ Motor Control Panels
- ❖ Wall and Overhead Bracket
- ❖ Custom colors and finishes (304SS, 316SS, Aluminum)

Sound Levels: (measured at 10' in an open field)

1 Motor Unit = 66 dBA, 2 Motor Unit = 68 dBA, 3 Motor Unit = 71 dBA & 4 Motor Unit = 73 dBA

Projection Velocity		
Model	Distance from nozzle (in)	Avg. Core Velocity (FPM)
N236-1U*-OB	36"	1522
	48"	1312
	60"	1158



MARS Air Systems, LLC certifies that the Air Curtains shown on this data sheet are licensed to bear the AMCA seal. The rating 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.

Note: Models N260-2, N284-2, N278-2, N296-3 & N2108-2 are not AMCA Certified.

NOTE: MARS AIR SYSTEMS, LLC reserves the right to change specifications and product design without notice. Such revisions do not entitle the buyer to corresponding changes, improvements, additions or replacements for previously purchased equipment.

N2 (Sanitation Customer Entrance) Series 2	Electrical Data (FLA)			
Model Number	115v (A)	208/230v (D)	208/230v (G)	460v (H)
N236-1U*-OB	5.1	2.5	1.8/1.6	0.8
N242-1U*-OB	5.1	2.5	1.8/1.6	0.8
N248-1U*-OB	5.1	2.5	1.8/1.6	0.8
N260-2U*-OB	10.2	5.0	3.6/3.2	1.6
N264-2U*-OB	10.2	5.0	3.6/3.2	1.6
N272-2U*-OB	10.2	5.0	3.6/3.2	1.6
N278-2U*-OB	10.2	5.0	3.6/3.2	1.6
N284-2U*-OB	10.2	5.0	3.6/3.2	1.6
N296-2U*-OB	10.2	5.0	3.6/3.2	1.6
N296-3U*-OB	15.3	7.5	5.4/4.8	2.4
N2108-2U*-OB	10.2	5.0	3.6/3.2	1.6
N2108-3U*-OB	15.3	7.5	5.4/4.8	2.4
N2120-3U*-OB	15.3	7.5	5.4/4.8	2.4
N2144-3U*-OB	15.3	7.5	5.4/4.8	2.4
N2144-4U*-OB	20.4	10.0	7.2/6.4	3.2

* - Use corresponding letters in "Electrical Data" columns to complete the model numbers.

EXAMPLE

N2 72 - 2 U D - TS

