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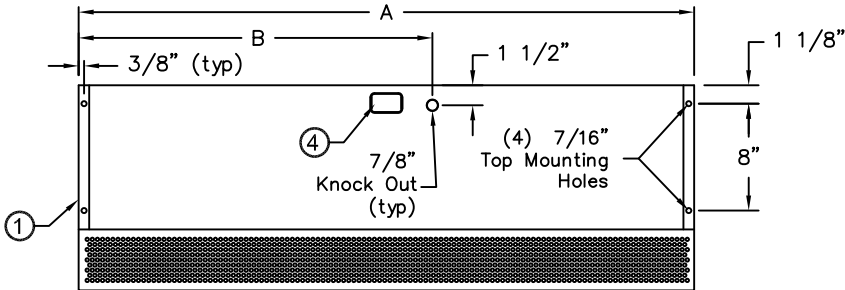
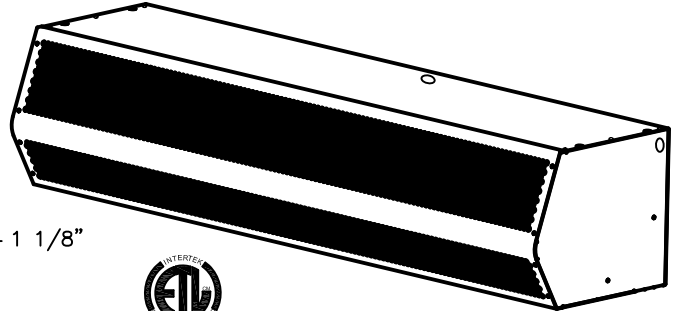
14716 S. Broadway • Gardena, CA 90248 • USA
 TEL: (310) 532-1555 • (800) 421-1266 • FAX: (310) 324-3030
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PROJECT		OPTIONS/ITEMS	
TITLE			
COMMENTS		DATE 09/12/14	PAGE
		REV. NO	
MODEL NO. NH2 Series	DRAWING NO NH2U-F	DRAWN BY TVN	CHECKED BY
		FILE NAME	

Unheated Drawing

NH2

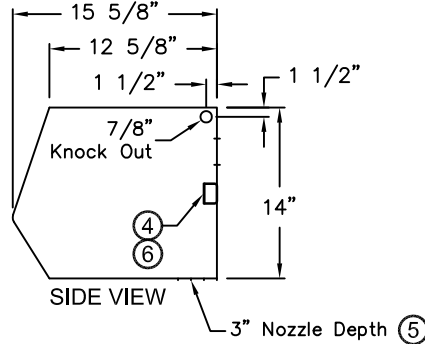
(Sanitation Backdoor Entrance)
 Series



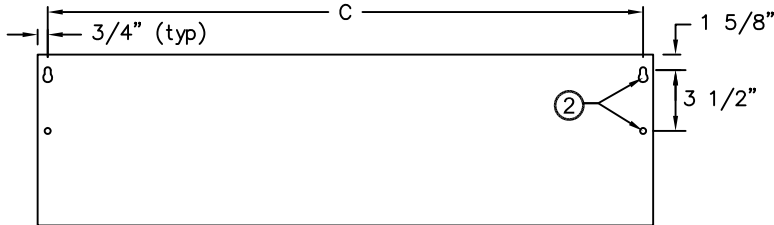
TOP VIEW



FRONT VIEW



SIDE VIEW

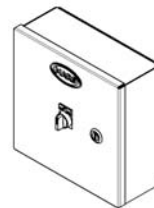


REAR VIEW

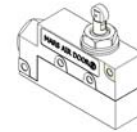


Note: Models NH260-1, NH296-3, NH2108-2 & NH2120-2 are not AMCA Certified.

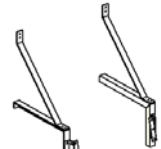
Recommended Accessories



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
NH236-1U*-TS	36"	25 1/2"	34 1/2"
NH242-1U*-TS	42"	28 1/2"	40 1/2"
NH248-1U*-TS	48"	31 1/2"	46 1/2"
NH260-1U*-TS	60"	37 1/2"	58 1/2"
NH272-2U*-TS	72"	40"	70 1/2"
NH284-2U*-TS	84"	46"	82 1/2"
NH296-2U*-TS	96"	52"	94 1/2"
NH296-3U*-TS	96"	52"	94 1/2"
NH2108-2U*-TS	108"	58"	106 1/2"
NH2108-3U*-TS	108"	58"	106 1/2"
NH2120-2U*-TS	120"	64"	118 1/2"
NH2120-3U*-TS	120"	64"	118 1/2"
NH2144-3U*-TS	144"	76"	142 1/2"
NH2144-4U*-TS	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.

NH2 (Sanitation Service Entrance) Series



Unheated

Model Lengths 36" – 144"

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Unheated Data Sheet

Applications: Insect Control (up to 7')

NH2 (Sanitation Service 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 (%)
NH236-1U*-TS	36	36	16	14	1	115	5140	4000	2389	1792	92	965
NH242-1U*-TS	42	42	16	14	1	120	4570	4000	2654	2322	93	1305
NH248-1U*-TS	48	48	16	14	1	125	4000	4000	2447	2447	88	1360
NH260-1U*-TS	60	60	16	14	1	140	3200	4000	2208	2760	80	1560
NH272-2U*-TS	72	72	16	14	Two 1	220	5140	8000	2389	3584	92	1930
NH284-2U*-TS	84	84	16	14	Two 1	235	4570	8000	2654	4644	93	2610
NH296-2U*-TS	96	96	16	14	Two 1	250	4000	8000	2447	4894	88	2720
NH296-3U*-TS	96	108	16	14	Three 1	320	5000	10000	2526	5052	93	2800
NH2108-2U*-TS	108	108	16	14	Two 1	265	3550	8000	2317	5212	84	2935
NH2108-3U*-TS	108	108	16	14	Three 1	330	5000	12000	2389	5376	92	2895
NH2120-2U*-TS	120	120	16	14	Two 1	275	3200	8000	2208	5519	80	3120
NH2120-3U*-TS	120	120	16	14	Three 1	345	4800	12000	2678	6693	93	3615
NH2144-3U*-TS	144	144	16	14	Three 1	375	4000	12000	2447	7341	88	4080
NH2144-4U*-TS	144	144	16	14	Four 1	440	4000	16000	2389	7168	92	3860

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

Note: ETL Sanitation models available in 60 Hz only.

Features:

- ❖ 1 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 = 70 dBA, 2 Motor Unit = 73 dBA, 3 & 4 Motor Unit = 75 dBA

Model	Projection Velocity	
	Distance from nozzle (in)	Avg. Core Velocity (FPM)
NH242-1U*-TS	36"	1833
	78"	958
	120"	732



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 NH260, NH296-3, NH2108-2 & NH2120-2 are not AMCA Certified.

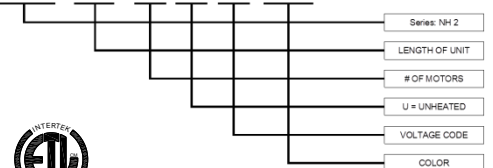
NH2 (Sanitation Service Entrance) Series 2	Electrical Data (FLA)			
	115v (A)	208/230v (D)	208/230v (G)	460v (H)
NH236-1U*-TS	9.0	5.0	3.3/3.2	1.6
NH242-1U*-TS	9.0	5.0	3.3/3.2	1.6
NH248-1U*-TS	9.0	5.0	3.3/3.2	1.6
NH260-1U*-TS	9.0	5.0	3.3/3.2	1.6
NH272-2U*-TS	18.0	10.0	6.6/6.4	3.2
NH284-2U*-TS	18.0	10.0	6.6/6.4	3.2
NH296-2U*-TS	18.0	10.0	6.6/6.4	3.2
NH296-3U*-TS	27.0	15.0	9.9/9.6	4.8
NH2108-2U*-TS	18.0	10.0	6.6/6.4	3.2
NH2108-3U*-TS	27.0	15.0	9.9/9.6	4.8
NH2120-2U*-TS	18.0	10.0	6.6/6.4	3.2
NH2120-3U*-TS	27.0	15.0	9.9/9.6	4.8
NH2144-3U*-TS	27.0	15.0	9.9/9.6	4.8
NH2144-4U*-TS	36.0	20.0	13.2/12.8	6.4

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

Note: For Ampacity Multiply FLA X 1.25

EXAMPLE

NH2 72 - 2 U D - TS



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.