

## NAM Series Cased Coil **Technical Data Sheet**

- 2.0 5.0 Ton nominal sizes
- Certified design according to the latest edition of UL 60335-2-40
- Designed and approved for **R454B** Refrigerant
- Factory installed refrigerant leak sensor and mitigation control
- Factory installed Thermostatic Expansion Valve (TXV)
- Primary and Secondary 3/4" FPT condensate drain connections
- 4-Way Multi-Position Installation
- Durable powder coated finish
- High Pressure testing ensures leak-proof design
- Shipped with a positive nitrogen holding charge
- Corrosion-resistant aluminum tubes and fins
- **UV, heat and corrosion-resistant** polymer drain pans
- Fully insulated cabinet with cleanable foil faced insulation
- Removable panels provide access to the coil for cleaning or service
- Navien Limited Warranty 10 year Parts / 90 days Labor (product must be registered)





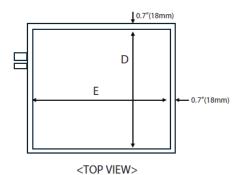


## **NOMENCLATURE**

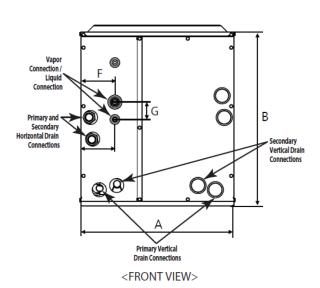
	MODEL NUMBER NOMENCLATURE												
	N	Α	М	24	В	2	Т	Α	1				
	1	Ш	III	IV	٧	VI	VII	VIII	IX				
I	Brand N = Navien												
II	Business Unit A = Air												
III		Product M = Multi Position Cased Coil											
IV		Nominal Capacity 24 = 24,000 Btu/h 36 = 36,000 Btu/h 48 = 48,000 Btu/h 59 = 60,000 Btu/h											
V		Width  A = 14.5"  B = 17.5"  C = 21.0"  D = 24.5"											
VI		Refrigerant 1 = R410A 2 = R454B											
VII		Expansion Device  F = Fixed Orifice  T = TXV  E = EEV											
VIII				Major	Revision	ı Level							
IX				Minor	Revision	Level							

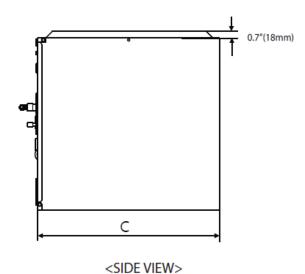


## DIMENSIONS / SPECIFICATIONS



CASED COIL DIMENSIONAL DATA														
A			E	3	•	0	D E		Ε	F		G		
Model	in	cm	in	cm	in	cm								
NAM24B, 36B	17.5	44.5	20.1	51.0	21.1	53.5	16.0	40.6	19.6	49.7	3.4	8.6	1.6	4.1
NAM36C	21.0	53.3	20.1	51.0	21.1	53.5	19.5	49.5	19.6	49.7	3.4	8.6	1.6	4.1
NAM48C, 59C	21.0	53.3	34.1	86.5	21.1	53.5	19.5	49.5	19.6	49.7	4.7	11.9	2.4	6.0
NAM59D	24.5	62.2	34.1	86.5	21.1	53.5	23.0	58.4	19.6	49.7	4.7	11.9	2.4	6.0





	MAN24B	NAM36B	NAM36C	NAM48C	NAM59C	NAM59D			
Liquid Line, in (mm)	3/8 (9.5)								
Vapor Line, in	3/4 (19.1) 7/8 (22.2)								
Metering Device	TXV								
Face Area, sq. in		3.5	6.	67					
Tube Diameter, in	3/8								
Number of Rows	3								
Fins per Inch	16								
Drain Connection	3/4" NPT								
Net Weight, lbs (kg)	44 (20.0)		48 (21.8)	76 (	34.5)	81 (36.7)			
Shipping Weight, lbs (kg)	50 (22.7)		54 (24.5)	84 (	38.1)	89 (40.4)			
Cased Coil Dimensions, in (LxWxH)	21.0 x 17.5 x 20.0		21.0 x 21.0 x 20.0	21.0 x 21.0 x 34.0		21.0 x 24.5 x 34.0			
Shipping Dimensions, in (LxWxH)	18.5 x 22.25 x 22		22 x 26.25 x 21.75	22 x 25.25 x 36.75		25.25 x 25.25 x 36.75			
Cased Coil Dimensions, mm (LxWxH)	533 x 444 x 508 533 x 533 x 508		533 x 533 x 864 533 x 622 x 864						
Shipping Dimensions, mm (LxWxH)	470 x 56	65 x 559	559 x 667 x 552	559 x 6	41 x 933	641 x 641 x 933			



## · AIRFLOW / PRESSURE DROP DATA

Wet Air Pressure Drop (in-WC) 80F DB/67F WB/50F Evap.												
Model	600 cfm	800 cfm	1000 cfm	1200 cfm	1400 cfm	1600 cfm	1800 cfm	2000 cfm				
NAM24B	0.13	0.15	0.21	0.29								
NAM36B	0.13	0.15	0.21	0.29	0.37							
NAM36C	0.09	0.14	0.20	0.27	0.34	0.43						
NAM48C			0.08	0.10	0.13	0.16	0.20	0.24				
NAM59C			0.08	0.10	0.13	0.16	0.20	0.24				
NAM59D			0.07	0.09	0.12	0.15	0.18	0.22				

Dry Air Pressure Drop (in-WC) 80F DB/60F WB/50F Evap.												
Model	600 cfm	800 cfm	1000 cfm	1200 cfm	1400 cfm	1600 cfm	1800 cfm	2000 cfm				
NAM24B	0.09	0.09	0.13	0.17								
NAM36B	0.09	0.09	0.13	0.17	0.25							
NAM36C	0.05	0.08	0.12	0.16	0.21	0.26						
NAM48C			0.05	0.06	0.08	0.10	0.12	0.15				
NAM59C			0.05	0.06	0.08	0.10	0.12	0.15				
NAM59D			0.04	0.06	80.0	0.10	0.12	0.14				