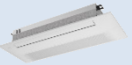
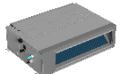


Product Bulletin

Date	Subject	Department
6/30/2026	New Bryant VRF Warranty	Ductless & VRF
Bulletin Number	Product Model Number(s)	Author Name/Email
BY-VRF-26-001	Bryant VRF Equipment	Steven Hunt steven.hunt2@carrier.com

New Carrier VRF R454B Three Phase Heat Pumps, Heat Recovery Units and Indoor Units and Accessories

Carrier is excited to launch an all-new R454B Carrier VRF lineup. We are pleased to introduce our new High Heat models in the family of new heat pump and heat recovery systems. The new High Heat solutions will provide increased low ambient heating and high ambient cooling performance to reach even more applications.

Image	Model No.	Description	Available Sizes
	37VMH***1HDSH1	High Heat Heat Pump	6-20 tons
	37VMH***1HDS-1	Heat Pump (Standard Model)	6-40 tons
	37VMH***1RDSH1	High Heat Heat Recovery	6-20 tons
	37VMH***1RDS-1	Heat Recovery (Standard Model)	6-32 tons
	45VMI***A--3	1 Way Cassette	7-18 kBtu/h
	45VMH***A--3	High Static Ducted Unit	24-96 kBtu/h
	45VMU***--3	Underceiling / Console	12-54 kBtu/h
	45VMA***--3	Outside Air Unit	36-96 kBtu/h
	45VMS***S(L)--3	Shutoff Valve Box	1, 2, 4, 8 ports
	45VMD***M(S)--3	Multiport Distribution Box (MDC)	4, 6, 8, 12, 16 ports
	45VM900003	Programmable Controller	N/A
	45VM900006A	Touchscreen Central Controller	N/A
	45VM900052A	Multifunctional Interface (BACnet / Modbus)	N/A



Product Bulletin

Operating Range

Our new Carrier R454B VRF systems will feature additional heating performance to even lower operating temperatures than the previous models for both the high heat and standard systems.

	38VMH	37VMH	37VMH High Heat
Cooling	5 ~ 125°F	5 ~ 126°F	5 ~ 126°F
Heating	-5 ~ 64°F	-22 ~ 86°F	-22 ~ 86°F

	38VMR	37VMR	37VMR High Heat
Cooling	5 ~ 125°F	5 ~ 126°F	5 ~ 126°F
Heating	-15 ~ 64°F	-22 ~ 86°F	-22 ~ 86°F

The new R454B systems will offer even more heating and cooling performance than it's R410A predecessor. The tables below will outline some of the increases in performance with the new systems.

Performance

Heat Pump Single Module Cooling Performance (kBtu/h)

Single Module R410A System									
Size (Tons)	38VMH			37VMH			37VMH High Heat		
	Rated	105°F	115°F	Rated	105°F	115°F	Rated	105°F	115°F
6	72.0	68.7	58.0	72.0	72.0	69.1	72.0	72.0	69.0
8	96.0	91.6	77.3	96.0	93.1	87.4	96.0	95.5	94.6
10	120.0	114.7	96.6	120.0	111.1	97.2	120	119.6	114.4
12	144.0	137.4	115.8	144.0	144.0	115.2			
14	168.0	160.5	135.2	168.0	168.0	124.3			
16	192.0	183.5	154.6	192.0	187.3	136.3			
18	216.0	206.4	173.9	216.0	194.7	162.0			
20	240.0	229.3	193.2	240.0	196.9	168.0			



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Heat Recovery Single Module Cooling Performance (kBtu/h)

Single Module R410A System

Size (Tons)	38VMR			37VMR			37VMR High Heat		
	Rated	105°F	115°F	Rated	105°F	115°F	Rated	105°F	115°F
6	72.0	72.0	72.0	72.0	72.0	69.1	72.0	72.0	69.1
8	96.0	96.0	93.3	96.0	96.0	87.4	96.0	96.0	91.2
10	120.0	111.3	93.0	120.0	111.1	97.2	120.0	120.0	112.8
12	144.0	144.0	144.0	144.0	144.0	115.2			
14	168.0	168.0	153.3	168.0	168.0	124.3			
16	192.0	192.0	153.3	192.0	187.3	136.3			
18	216.0	209.5	168.2	216.0	194.7	162.0			
20	240.0	214.8	172.5	240.0	196.9	168.0			

Heat Pump Single Module Heating Performance (kBtu/h)

Single Module R410A System

Size (Tons)	38VMH			37VMH			37VMH High Heat		
	Rated	5°F	-15°F	Rated	5°F	-15°F	Rated	5°F	-15°F
6	80.0	48.7	N/A	80.0	80.0	68.0	80.0	80.0	68.0
8	108.0	66.2	N/A	108.0	84.2	64.7	108.0	108.0	81.0
10	126.0	74.6	N/A	126.0	106.8	74.3	135.0	135.0	128.3
12	160.0	90.5	N/A	160.0	141.4	96.0			
14	188.0	111.3	N/A	188.0	163.4	110.0			
16	216.0	127.8	N/A	216.0	171.6	118.3			
18	243.0	138.5	N/A	243.0	197.8	126.4			
20	252.0	149.1	N/A	252.0	203.9	130.0			

Heat Recovery Single Module Heating Performance (kBtu/h)

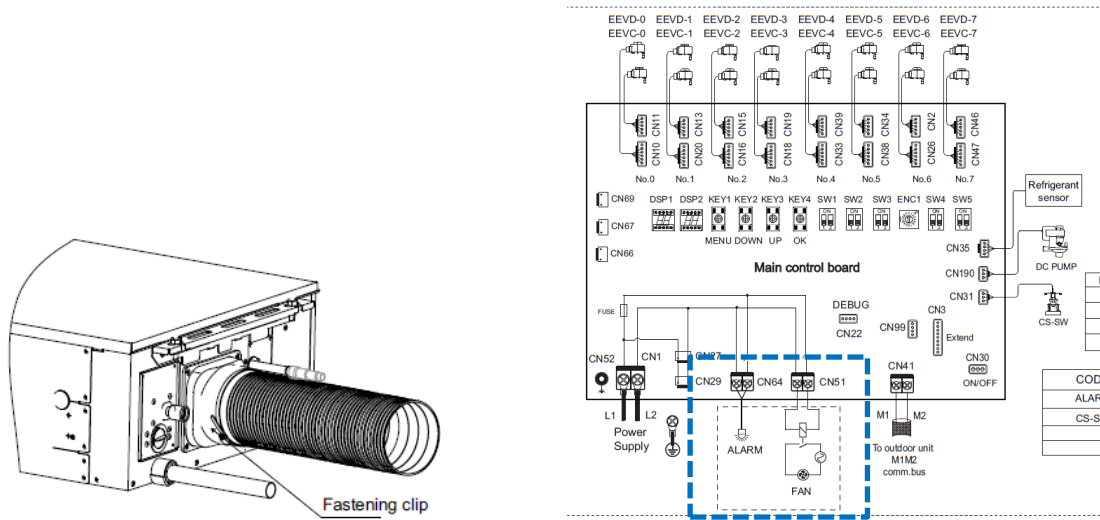
Single Module R410A System

Size (Tons)	38VMR			37VMR			37VMR High Heat		
	Rated	5°F	-10°F	Rated	5°F	-15°F	Rated	5°F	-15°F
6	80.0	78.3	59.9	80.0	72.0	52.0	80.0	80.0	63.9
8	108.0	78.8	48.4	108.0	87.6	64.8	108.0	108.0	86.8
10	126.0	79.4	48.8	135.0	106.8	74.3	135.0	135.0	110.1
12	160.0	151.3	99.1	160.0	141.4	96.0			
14	188.0	151.9	99.4	188.0	162.7	107.1			
16	216.0	152.6	99.9	204.0	170.8	118.3			
18	243.0	153.2	100.4	243.0	195.8	126.3			
20	257.0	154.0	100.7	250.0	209.0	130.0			

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New MDC and SV Boxes

For isolation of the refrigerant in the case of a leak at the indoor unit, several SV box will be available with options from 1 to 8 ports. Each SV box will be provided with an output to energize a 3rd party fan and a connection for ductwork and exhaust any refrigerant outside of the unit.



Unlike the current SV box (45VM900055), these models are designed for indoor installation.

In heat recovery systems, our MDC boxes will be equipped with the same ducted connection and output as the SV box. It will also serve as isolation in the event of a leak downstream from the unit at the indoor unit.

New Controls Lineup

To add to our controller lineup, we are also releasing our new local programmable controller (45VM900003), touchscreen central controller (45VM900006A), and as an update to the BACnet gateway, the new multiprotocol gateway (45VM900052A) capable of control and communication in both BACnet and Modbus.

Please note that each of the controllers compatible with the new Carrier R454B VRF equipment are **NOT** backwards compatible. Please do not use the current lineup of controllers with any of the Carrier R410A systems. Additionally, none of the controllers compatible with the existing R410A Carrier VRF equipment will **NOT** be compatible with the new Carrier R454B VRF systems.



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Multimodule Offering

Our new R454B systems provide a larger range of system offerings from our current R410A systems. Different from our R410A heat pump systems offering, multimodule pairings are currently offered with matching modules which will provide a gap in systems currently offered at 22, 26, 30, 34, and 38 tons. For heat recovery systems, the gaps from the existing R410A system offering will be in systems currently offered at 22 and 26 tons. Note that R410A heat pump systems that previously required three (3) modules, now only require two (2). The tables below will outline the differences in the offering and the module pairing of the units.

Size (Tons)	38VMH				37VMH				
	6	8	10	12	12	14	16	18	20
22			1	1	Pairing not offered				
24				2	2				
26		2	1		Pairing not offered				
28		1	2			2			
30			3		Pairing not offered				
32			2	1			2		
34			1	2	Pairing not offered				
36				3				2	
38					Pairing not offered				
40									2

Size (Tons)	38VMR	37VMR				
		12	14	16	18	20
22	(Single Module)	Pairing not offered				
24		2				
26		Pairing not offered				
28			2			
30		Pairing not offered				
32				2		
34		Pairing not offered				
36					2	
38		Pairing not offered				
40						2



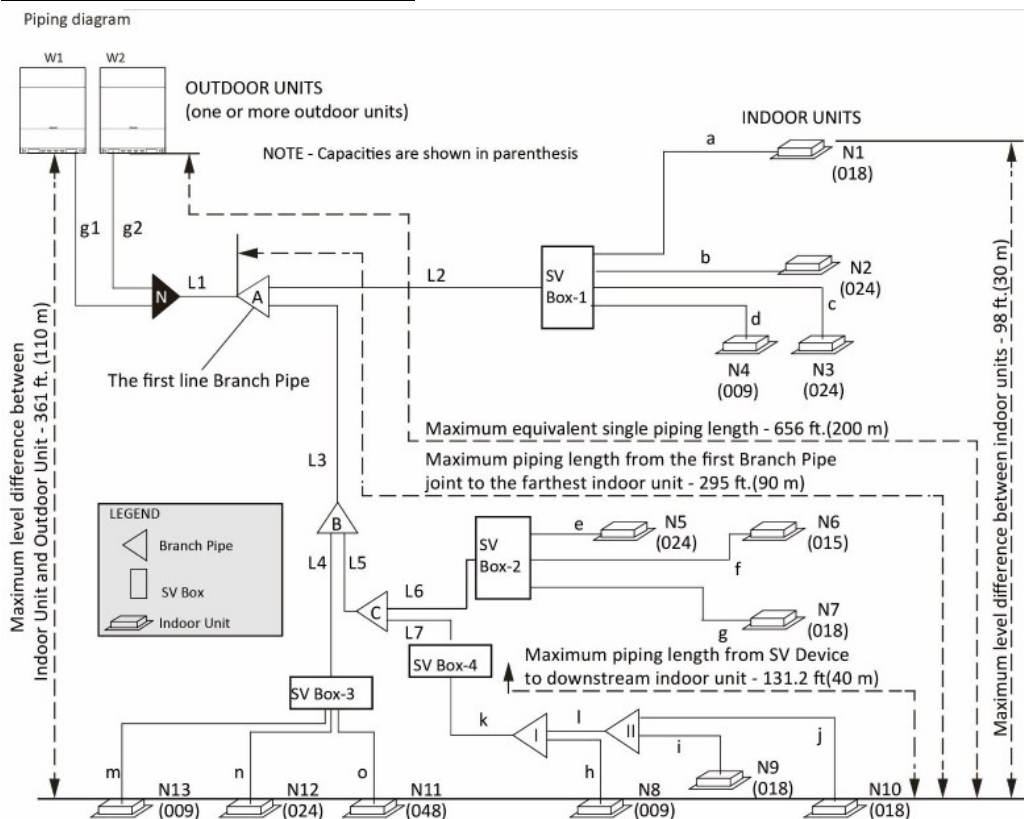
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Heat Pump and Heat Recovery Piping Rules

The new R454B systems will also offer minor changes to the height and length restrictions of the refrigerant piping.

Heat Pump Piping Layout Rules



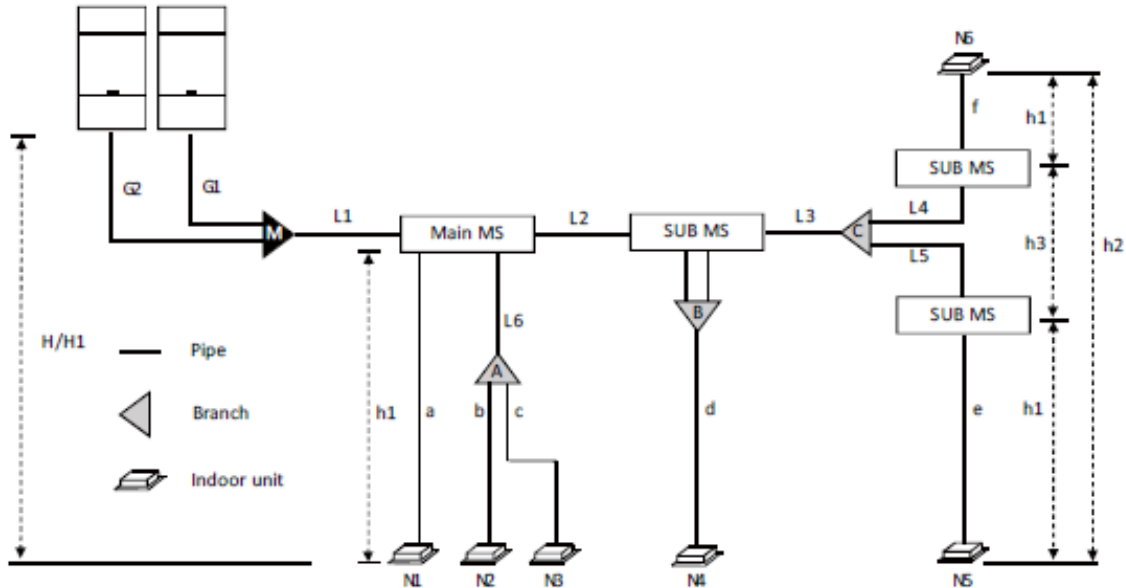
Piping Length		Permitted value	Piping
Piping Length	Total piping length	¹ 3280 ft. (1000 m)	$L1+(L2+L3+L4+L5+L6+L7) \times 2 + a + b + c + d + e + f + g + h + i + j + k + l + m + n + o$
	Single piping length	Actual length 574 ft. (175 m)	$L1+L3+L5+L7+k+l+j$
		Equivalent length ² 656 ft. (200 m)	
	Piping length from the first branch joint to the farthest indoor unit	³ 132/295 ft. (40/90 m)	$L3+L5+L7+k+l+j$
	Piping length from SV Box to the downstream indoor unit of itself	132 ft. (40 m)	$k+l+j$
Level Difference	Level difference between indoor unit and outdoor unit	Outdoor unit up ⁴ 360 ft. (110 m)	---
		Outdoor unit down ⁵ 230 ft. (70 m)	---
	Level difference between indoor units	98 ft. (30 m)	---

		38VMH	37VMH
Length	Total piping length (ft)	3280	3280
	Furthest Length from IDU to ODU (Equivalent) (ft)	738	656
	Longest length from first y-branch to furthest IDU (Equivalent) (ft)	295	295
Height	Height difference between indoor and outdoor units (ft)	ODU installed above IDUs 164	360
		ODU installed below IDUs 131	230
	Height between Indoor units (ft)	98	98

Heat Recovery Piping Layout Rules

5.3 Allowable length and height difference for refrigerant piping

Refer to the following table and figure (for reference only) to determine the appropriate size.



Description			allowable value /ft (m)	Pipes
Piping length	Total piping length	Equivalent length	≤ 3280 (1000)	L1+2x(L2+L3+L4+L5)+L6+a+b+c+d+e+f+G1+G2
		Actual length	≤ 3280 (1000)	
	Farthest IDU from ODU	Equivalent length	≤ 623 (190)	G1+L1+L2+L3+L5+e, G1+L1+L2+L3+L5+f
		Actual length	≤ 541 (165)	
	Distance between ODU & main MS	Actual length	≤ 360 (110)	L1
	Distance between ODU & outdoor branch	Actual length	≤ 33 (10)	G1, G2
	Distance between indoor unit and the connected MS	Actual length	≤ 197 (60) ^{(a)(b)}	a, L6+b, L6+c, d, e, f
Piping height difference	Distance between farthest indoor unit and main MS		≤ 295 (90) ^{(c)(d)}	L2+L3+L4+f, L2+L3+L5+e
	Height between outdoor & indoor unit	Outdoor unit above	≤ 164 (50)	H
		Outdoor unit below	≤ 131 (40)	H1
	Height between MS & indoor unit		≤ 49 (15) ^(e)	h1
	Height between indoor units		≤ 98 (30) ^(f)	h2
	Height between MS		≤ 49 (15)	h3

		38VMR	37VMR
Length	Total piping length (ft)	3280	3280
	Furthest length between ODU and IDU (Equivalent) (ft)	623	623
	Longest length between ODU and MDC (ft)	360	360
	Longest length between MDC and IDU (ft)	131	197
Height	Height difference between indoor and outdoor units (ft)	ODU installed below IDUs	164
		ODU installed below IDUs	131
	Height between Indoor units (ft)		98
	Height between MDCs (ft)		49



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Recessed Console and Reheat Unit Models

Please note that the development of the recessed console and the reheat unit will follow the release of the equipment listed in this document. We will provide more information regarding the reheat unit and recessed console as it becomes available.

Additional information will be in the appendix of this document. Please note that the information provided in this document is preliminary information and may have potential to change prior to the release of these products.

Below are key dates regarding the release and availability of the new systems.

Deliverable	Tentative Date(s)
VPro	Units currently in software
Pricing	July 2026
Warehouse Arrival	December 2026



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Table 1 – Heat Pump and Heat Recovery Unit Nomenclature

	1 - 2	3-4	5	6-8	9	10	11	12	13	14
Title	Equipment Type	Product Type	Model Number Modifier	Capacity	System Type	Variations	Cabinet Type	Power Supply	Model Type	Region
Product #/Letter	37	VM	A	***	H	D	S	5	-	1
Description	37 = R454B Outdoor Unit 38 = R410A Outdoor Unit	VM = VRF	A = Model Revision Level	072 - 480 (Nominal Capacity)	H = Heat Pump R = Heat Recovery	D = Domestic	S = Standard Chassis	3 = 208/230V / 1 ph 5 = 208/230V / 3 ph 6 = 460V / 3 ph	- = Standard Model H = High Heat Model	1 = USA / Canada

Table 2 – Indoor Unit Nomenclature

	1 - 2	3-4	5	6-8	9	10	11	12
Title	Equipment Type	Product Type	Indoor Unit Type	Capacity	Variations	Not Defined	Not Defined	Electrical
Product #/Letter	45	VM	A	***	A	-	-	3
Description	45 = R454B Indoor Unit 40 = R410A Indoor Unit	VM = VRF	A = Outside Air C = Compact 4 Way Cassette D = Multiport Distribution Controller F = 4-Way Cassette H = High Static Duct I = 1 Way Cassette L = Low Static Duct M = Medium Static Duct R = Recessed Console U = Underceiling Unit / Floor Console V = Vertical AHU W = High Wall Unit Z = Reheat Unit	005 - 096 (Nominal Capacity)	- = Primary Version of Model A – Z = Model Revision Level	- = Blank	- = Blank 6 = 460V / 3 ph	3 = 208-230V / 1 ph H = High Heat Model



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Table 3 – Heat Pump and Heat Recovery Module Offering and Part Numbers

Module

Condenser Part Numbers				
Unit Type	208-230V / 3 Ph		460V / 3 Ph	
	R410A	R454B	R410A	R454B
High Heat Heat Pump	---	37VMA072HDS5H1	---	37VMA072HDS6H1
	---	37VMA096HDS5H1	---	37VMA096HDS6H1
	---	37VMA120HDS5H1	---	37VMA120HDS6H1
	---	37VMA144HDS5H1	---	37VMA144HDS6H1
	---	37VMA196HDS5H1	---	37VMA196HDS6H1
	---	37VMA240HDS5H1	---	37VMA240HDS6H1
High Heat Heat Recovery	---	37VMA072RDS5H1	---	37VMA072RDS6H1
	---	37VMA096RDS5H1	---	37VMA096RDS6H1
	---	37VMA120RDS5H1	---	37VMA120RDS6H1
	---	37VMA144RDS5H1	---	37VMA144RDS6H1
	---	37VMA196RDS5H1	---	37VMA196RDS6H1
	---	37VMA240RDS5H1	---	37VMA240RDS6H1
Heat Pump	38VMA072HDS5-1	37VMA072HDS5-1	38VMA072HDS6-1	37VMA072HDS6-1
	38VMA096HDS5-1	37VMA096HDS5-1	38VMA096HDS6-1	37VMA096HDS6-1
	38VMA120HDS5-1	37VMA120HDS5-1	38VMA120HDS6-1	37VMA120HDS6-1
	38VMA144HDS5-1	37VMA144HDS5-1	38VMA144HDS6-1	37VMA144HDS6-1
	38VMA168HDS5-1	37VMA168HDS5-1	38VMA168HDS6-1	37VMA168HDS6-1
	38VMA192HDS5-1	37VMA192HDS5-1	38VMA192HDS6-1	37VMA192HDS6-1
	38VMA216HDS5-1	37VMA216HDS5-1	38VMA216HDS6-1	37VMA216HDS6-1
	38VMA240HDS5-1	37VMA240HDS5-1	38VMA240HDS6-1	37VMA240HDS6-1
	38VMA264HDS5-1	----	38VMA264HDS6-1	---
	38VMA288HDS5-1	37VMA288HDS5-1	38VMA288HDS6-1	37VMA288HDS6-1
	38VMA312HDS5-1	---	38VMA312HDS6-1	---
	38VMA336HDS5-1	37VMA336HDS5-1	38VMA336HDS6-1	37VMA336HDS6-1
	38VMA360HDS5-1	---	38VMA360HDS6-1	---
	38VMA384HDS5-1	37VMA384HDS5-1	37VMA384HDS6-1	37VMA384HDS6-1
	38VMA408HDS5-1	---	38VMA408HDS6-1	---
	38VMA432HDS5-1	37VMA432HDS5-1	37VMA432HDS6-1	37VMA432HDS6-1
	---	---	---	---
	---	37VMA480HDS5-1	---	37VMA480HDS6-1
Heat Recovery	38VMA072RDS5-1	37VMA072RDS5-1	38VMA072RDS6-1	37VMA072RDS6-1
	38VMA096RDS5-1	37VMA096RDS5-1	38VMA096RDS6-1	37VMA096RDS6-1
	38VMA120RDS5-1	37VMA120RDS5-1	38VMA120RDS6-1	37VMA120RDS6-1
	38VMA144RDS5-1	37VMA144RDS5-1	38VMA144RDS6-1	37VMA144RDS6-1
	38VMA168RDS5-1	37VMA168RDS5-1	38VMA168RDS6-1	37VMA168RDS6-1
	38VMA192RDS5-1	37VMA192RDS5-1	38VMA192RDS6-1	37VMA192RDS6-1
	38VMA216RDS5-1	37VMA216RDS5-1	38VMA216RDS6-1	37VMA216RDS6-1
	38VMA240RDS5-1	37VMA240RDS5-1	38VMA240RDS6-1	37VMA240RDS6-1
	38VMA264RDS5-1	---	38VMA264RDS6-1	---
	38VMA288RDS5-1	37VMA288RDS5-1	38VMA288RDS6-1	37VMA288RDS6-1
	38VMA312RDS5-1	---	38VMA312RDS6-1	---
	38VMA336RDS5-1	37VMA336RDS5-1	38VMA336RDS6-1	37VMA336RDS6-1
	---	---	---	---
	---	37VMA384RDS5-1	---	37VMA384RDS6-1
	---	---	---	---
	---	37VMA432RDS5-1	---	37VMA432RDS6-1
	---	---	---	---
	---	37VMA480RDS5-1	---	37VMA480RDS6-1



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Table 4 – Indoor Unit and Accessory Offering and Part Numbers

 New SKU

IDU / Accessory Part Numbers		
	R410A	R454B
Main MDC	N/A	45VMD004M--3
	40VMD006M--3	45VMD006M--3
	40VMD008M--3	45VMD008M--3
	40VMD010M--3	45VMD012M--3
	40VMD016M--3	45VMD016M--3
	40VMD016ML--3	
Sub MDC	N/A	45VMD004S--3
	40VMD006S--3	45VMD006S--3
	40VMD008S--3	45VMD008S--3
	40VMD010S--3	45VMD012S--3
	40VMD016S--3	45VMD016S--3
SV Box	N/A	45VMS001S--3
		45VMS004S--3
		45VMS008L--3
		45VMS0012L--3
1 Way Cassette	40VMI005---3	45VMI005---3
	40VMI007---3	45VMI007---3
	40VMI009---3	45VMI009---3
	40VMI012---3	45VMI012---3
	40VMI015---3	45VMI015---3
	40VMI018---3	45VMI018---3
High Static Ducted Unit	40VMI024---3	45VMI024---3
	40VMH024---3	45VMH024---3
	40VMH030---3	45VMH030---3
	40VMH036---3	45VMH036---3
	40VMH048---3	45VMH048---3
	40VMH054---3	45VMH054---3
	40VMH072---3	45VMH072---3
Underceiling / Console Unit	40VMH096---3	45VMH096---3
	40VMU012---3	45VMU012---3
	40VMU015---3	45VMU015---3
	40VMU018---3	45VMU018---3
	40VMU024---3	45VMU024---3
	40VMU030---3	45VMU030---3
	40VMU036---3	45VMU036---3
Outside Air Unit	40VMU048---3	45VMU048---3
	40VMA036---3	45VMA036---3
	40VMA048---3	45VMA048---3
	40VMA054---3	45VMA054---3
	40VMA072---3	45VMA072---3
	40VMA096---3	45VMA096---3



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Table 5-6 – Standard and High Heat Heat Pump Dimensions

Notable Change (increase in height, weight and width)
 Improvement over Legacy (decrease in height, weight and width)

	CURRENT SKU	Height (in)	Length (in)	Width (in)	Weight (Lbs)	NEW FAMILY	2023 SKU	Height (in)	Length (in)	Width (in)	Weight (Lbs)	NEW FAMILY	2023 SKU	Height (in)	Length (in)	Width (in)	Weight (Lbs)
38VMH (208-230V)	38VMA072 HDS5-1	64.4	31.1	52.8	659	37MH (208-230V)	37VMA072H DS5-1	69.3	32.5	36.4	542	37MH (208-230V) High Heat	37VMA072 HDS5H1	69.3	32.5	52.8	620
	38VMA096 HDS5-1	64.4	31.1	52.8	659		37VMA096H DS5-1	69.3	32.5	52.8	639		37VMA096 HDS5H1	69.3	32.5	52.8	774
	38VMA120 HDS5-1	64.4	31.1	52.8	659		37VMA120H DS5-1	69.3	32.5	52.8	639		37VMA120 HDS5H1	69.3	32.5	52.8	774
	38VMA144 HDS5-1	64.4	31.1	52.8	780		37VMA144H DS5-1	69.3	32.5	52.8	807						
							37VMA168H DS5-1	69.3	32.5	52.8	807						
							37VMA196H DS5-1	69.3	32.5	52.8	807						
							37VMA216H DS5-1	69.3	32.5	74	1064						
							37VMA240H DS5-1	69.3	32.5	74	1064						

LEGACY FAMILY	CURRENT SKU	Height (in)	Length (in)	Width (in)	Weight (Lbs)	NEW FAMILY	2023 SKU	Height (in)	Length (in)	Width (in)	Weight (Lbs)	NEW FAMILY	2023 SKU	Height (in)	Length (in)	Width (in)	Weight (Lbs)
38VMH (460V)	38VMA072 HDS6-1	64.4	31.1	52.8	659	37MH (460V)	37VMA072H DS6-1	69.3	32.5	36.4	564	37MH (460V) High Heat	37VMA072 HDS6H1	69.3	32.5	52.8	620
	38VMA096 HDS6-1	64.4	31.1	52.8	659		37VMA096H DS6-1	69.3	32.5	52.8	666		37VMA096 HDS6H1	69.3	32.5	52.8	774
	38VMA120 HDS6-1	64.4	31.1	52.8	659		37VMA120H DS6-1	69.3	32.5	52.8	666		37VMA120 HDS6H1	69.3	32.5	52.8	774
	38VMA144 HDS6-1	64.4	31.1	52.8	772		37VMA144H DS6-1	69.3	32.5	52.8	825						
							37VMA168H DS6-1	69.3	32.5	52.8	825						
							37VMA196H DS6-1	69.3	32.5	52.8	825						
							37VMA216H DS6-1	69.3	32.5	74	1078						
							37VMA240H DS6-1	69.3	32.5	74	1078						



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Table 7-8 – Standard and High Heat Recovery Dimensions

		Notable Change (increase in height, weight and width)															
		Improvement over Legacy (decrease in height, weight and width)															
LEGACY FAMILY	CURRENT SKU	Height (in)	Length (in)	Width (in)	Weight (Lbs)	NEW FAMILY	2023 SKU	Height (in)	Length (in)	Width (in)	Weight (Lbs)	NEW FAMILY	2023 SKU	Height (in)	Length (in)	Width (in)	Weight (Lbs)
38VMR (208-230V)	38VMA072 RDS5-1	64.4	31.1	52.8	672	37VMA (208-230V)	37VMA072R DS5-1	69.3	32.5	36.4	529	37VMA (208-230V) High Heat	37VMA072R DS5H1	69.3	32.5	52.8	648
	38VMA096 RDS5-1	64.4	31.1	52.8	672		37VMA096R DS5-1	69.3	32.5	52.8	672		37VMA096R DS5H1	69.3	32.5	52.8	802
	38VMA120 RDS5-1	64.4	31.1	52.8	672		37VMA120R DS5-1	69.3	32.5	52.8	672		37VMA120R DS5H1	69.3	32.5	52.8	802
	38VMA144 RDS5-1	64.4	31.1	78.4	1137		37VMA144R DS5-1	69.3	32.5	52.8	838						
	38VMA168 RDS5-1	64.4	31.1	78.4	1137		37VMA168R DS5-1	69.3	32.5	52.8	838						
	38VMA196 RDS5-1	64.4	31.1	78.4	1137		37VMA196R DS5-1	69.3	32.5	52.8	838						
	38VMA216 RDS5-1	64.4	31.1	78.4	1137		37VMA216R DS5-1	69.3	32.5	74	1047						
	38VMA240 RDS5-1	64.4	31.1	105.9	1627		37VMA240R DS5-1	69.3	32.5	74	1047						
	38VMA264 RDS5-1	64.4	31.1	105.9	1627												
	38VMA288 RDS5-1	64.4	31.1	105.9	1627												
	38VMA312 RDS5-1	64.4	31.1	105.9	1627												
	38VMA336 RDS5-1	64.4	31.1	105.9	1627												

LEGACY FAMILY	CURRENT SKU	Height (in)	Length (in)	Width (in)	Weight (Lbs)	NEW FAMILY	2023 SKU	Height (in)	Length (in)	Width (in)	Weight (Lbs)	NEW FAMILY	2023 SKU	Height (in)	Length (in)	Width (in)	Weight (Lbs)
38VMR (460V)	38VMA072 RDS6-1	64.4	31.1	52.8	672	37VMA (460V)	37VMA072R DS6-1	69.3	32.5	36.4	562	37VMA (460V) High Heat	37VMA072R DS6H1	69.3	32.5	52.8	620
	38VMA096 RDS6-1	64.4	31.1	52.8	672		37VMA096R DS6-1	69.3	32.5	52.8	705		37VMA096R DS6H1	69.3	32.5	52.8	774
	38VMA120 RDS6-1	64.4	31.1	52.8	672		37VMA120R DS6-1	69.3	32.5	52.8	705		37VMA120R DS6H1	69.3	32.5	52.8	774
	38VMA144 RDS6-1	64.4	31.1	78.4	1137		37VMA144R DS6-1	69.3	32.5	52.8	871						
	38VMA168 RDS6-1	64.4	31.1	78.4	1137		37VMA168R DS6-1	69.3	32.5	52.8	871						
	38VMA196 RDS6-1	64.4	31.1	78.4	1137		37VMA196R DS6-1	69.3	32.5	52.8	871						
	38VMA216 RDS6-1	64.4	31.1	78.4	1137		37VMA216H DS6-1	69.3	32.5	74	1080						
	38VMA240 RDS6-1	64.4	31.1	105.9	1627		37VMA240H DS6-1	69.3	32.5	74	1080						
	38VMA264 RDS6-1	64.4	31.1	105.9	1627												
	38VMA288 RDS6-1	64.4	31.1	105.9	1627												
	38VMA312 RDS6-1	64.4	31.1	105.9	1627												
	38VMA336 RDS6-1	64.4	31.1	105.9	1627												



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Table 9-11 – Main and Sub-MDC and SV Box Dimensions

	Notable Change (increase in height, weight and width)										
	Improvement over Legacy (decrease in height, weight and width)										
LEGACY FAMILY	CURRENT SKU	Height (in)	Length (in)	Width (in)	Weight (Lbs)	NEW FAMILY	2023 SKU	Height (in)	Length (in)	Width (in)	Weight (Lbs)
38VMD (Main MDC)	N/A					37VMD (Main MDC)	45VMD004M--3	20.3	39.4	53.5	223.1
	40VMD006 M--3	12.8	22.6	37.0	132		45VMD006M-3	20.3	39.4	53.5	229.3
	40VMD008 M--3	12.8	22.6	37.0	137		45VMD008M--3	20.3	39.4	53.5	238.5
	40VMD010 M--3	12.8	22.6	37.0	143		45VMD012M--3	20.3	39.4	69.5	316.8
	40VMD016 M—3	12.8	22.6	46.5	190		45VMD016M—3	20.3	39.4	69.5	330.3
	40VMD016 ML—3	12.8	22.6	46.5	196		N/A				

LEGACY FAMILY	CURRENT SKU	Height (in)	Length (in)	Width (in)	Weight (Lbs)	NEW FAMILY	2023 SKU	Height (in)	Length (in)	Width (in)	Weight (Lbs)
38VMD (Sub MDC)	N/A					37VMD (Sub MDC)	45VMD004S--3	20.3	39.4	53.5	211.4
	40VMD006 S--3	12.8	22.6	37.0	126		45VMD006S-3	20.3	39.4	53.5	218.7
	40VMD008 S--3	12.8	22.6	37.0	130		45VMD008S--3	20.3	39.4	53.5	226.9
	40VMD010 S--3	12.8	22.6	37.0	137		45VMD012S--3	20.3	39.4	69.5	304.2
	40VMD016 S--3	12.8	22.6	46.5	183		45VMD016S--3	20.3	39.4	69.5	316.8

LEGACY FAMILY	CURRENT SKU	Height (in)	Length (in)	Width (in)	Weight (Lbs)	NEW FAMILY	2023 SKU	Height (in)	Length (in)	Width (in)	Weight (Lbs)
38VMD (Main MDC)	N/A					37VMS (SV Box)	45VMS001S--3	18.7	35.6	31.9	110
	N/A						45VMS004S--3	18.7	35.6	31.9	110
	40VMD006 S--3	12.8	22.6	37.0	126		N/A				
	40VMD008 S--3	12.8	22.6	37.0	130		45VMS008L--3	18.7	35.6	39.8	155
	40VMD010 S--3	12.8	22.6	37.0	137		45VMS012L--3	18.7	35.6	39.8	155



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Tables 12-15 – Indoor Unit Dimensions

 Notable Change (increase in height, weight and width)
 Improvement over Legacy (decrease in height, weight and width)

LEGACY FAMILY	CURRENT SKU	Height (In)	Length (in)	Width (In)	Weight (Lbs)	NEW FAMILY	2023 SKU	Height (In)	Length (in)	Width (In)	Weight (Lbs)
40VMI (1 Way Cassette) /s without panel +/-	40VMI005---3	6.0	16.8	42.0	27.1	45VMI (1 Way Cassette) /s without panel +/-	45VMI005---3	5.1	16.8	27.6	23.0
	40VMI007---3	6.0	16.8	42.0	28.0		45VMI007---3	5.1	16.8	27.6	23.0
	40VMI009---3	6.0	16.8	42.0	29.1		45VMI009---3	5.1	16.8	35.4	28.2
	40VMI012---3	6.0	16.8	42.0	29.1		45VMI012---3	5.1	16.8	35.4	28.2
	40VMI015---3	7.5	18.0	51.5	38.8		45VMI015---3	5.1	16.8	47.3	32.4
	40VMI018---3	7.5	18.0	51.5	38.8		45VMI018---3	5.1	16.8	47.3	35.1
	40VMI024---3	7.5	18.0	51.5	41.0		45VMI024---3	5.1	16.8	47.3	35.1

LEGACY FAMILY	CURRENT SKU	Height (In)	Length (in)	Width (In)	Weight (Lbs)	NEW FAMILY	2023 SKU	Height (In)	Length (in)	Width (In)	Weight (Lbs)
40VMU (Underceiling / Console Unit)	40VMU012---3	26.0	8.0	39.0	57.0	45VMU (Underceiling / Console Unit)	45VMU012---3	26.6	9.2	42.1	59.9
	40VMU015---3	26.0	8.0	39.0	62.0		45VMU015---3	26.6	9.2	42.1	59.9
	40VMU018---3	26.0	8.0	39.0	62.0		45VMU018---3	26.6	9.2	42.1	59.9
	40VMU024---3	26.0	8.0	39.0	62.0		45VMU024---3	26.6	9.2	50.6	72.2
	40VMU030---3	26.0	8.0	50.5	77.0		45VMU030---3	26.6	9.2	50.6	72.2
	40VMU036---3	27.0	10.0	66.0	106.0		45VMU036---3	26.6	9.2	64.9	88.3
	40VMU048---3	27.0	10.0	66.0	106.0		45VMU048---3	26.6	9.2	64.9	88.3

LEGACY FAMILY	CURRENT SKU	Height (In)	Length (in)	Width (In)	Weight (Lbs)	NEW FAMILY	2023 SKU	Height (In)	Length (in)	Width (In)	Weight (Lbs)
	40VMA036---3	16.5	27.2	51.2	161.4		45VMA036---3	11.8	32.8	41.3	105.0
	40VMA048---3	16.5	27.2	51.2	161.4		45VMA048---3	11.8	32.8	41.3	105.0
	40VMA054---3	16.5	27.2	51.2	161.4		45VMA054---3	11.8	32.8	41.3	105.0
	40VMA072---3	20.0	36.4	56.7	255.7		45VMA072---3	11.8	32.8	55.1	140.0
	40VMA096---3	20.0	36.4	56.7	255.7		45VMA096---3	11.8	32.8	55.1	140.0

LEGACY FAMILY	CURRENT SKU	Height (In)	Length (in)	Width (In)	Weight (Lbs)	NEW FAMILY	2023 SKU	Height (In)	Length (in)	Width (In)	Weight (Lbs)
40VMH (High Static Ducted)	40VMH024---3	16.5	27.2	37.5	110.0	45VMH (High Static Ducted)	45VMH024---3	11.8	32.8	41.4	97
	40VMH030---3	16.5	27.2	37.5	114.6		45VMH030---3	11.8	32.8	41.4	97
	40VMH036---3	16.5	27.2	37.5	114.6		45VMH036---3	11.8	32.8	55.1	119
	40VMH048---3	16.5	27.2	51.2	159.2		45VMH048---3	11.8	32.8	55.1	119
	40VMH054---3	16.5	27.2	51.2	159.2		45VMH054---3	11.8	32.8	55.1	119
	40VMH072---3	20.0	36.4	56.7	254.2		45VMH072---3	21.7	41.4	51.2	291
	40VMH096---3	20.0	36.4	56.7	254.2		45VMH096---3	21.7	41.4	51.2	291



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Tables 16-17 – Standard and High Heat Heat Pump Electrical

	Notable Change
	Improvement over Legacy

LEGACY FAMILY	CURRENT SKU	MCA (A)	MOC (A)	NEW FAMILY	2023 SKU	MCA (A)	MOC (A)	NEW FAMILY	2023 SKU	MCA (A)	MOC (A)
38VMH (208-230V)	38VMA072HDS5-1	45	50	37MH (208-230V)	37VMA072HDS5-1	30		37MH (208-230V) High Heat	37VMA072HDS5H1	40	70
	38VMA096HDS5-1	46	50		37VMA096HDS5-1	40	45		37VMA096HDS5H1	66	90
	38VMA120HDS5-1	46	50		37VMA120HDS5-1	45	50		37VMA120HDS5H1	80	100
	38VMA144HDS5-1	70	80		37VMA144HDS5-1	65	70				
					37VMA168HDS5-1	65	70				
					37VMA196HDS5-1	73	90				
					37VMA216HDS5-1	75	90				
					37VMA240HDS5-1	80	100				

LEGACY FAMILY	CURRENT SKU	MCA (A)	MOC (A)	NEW FAMILY	2023 SKU	MCA (A)	MOC (A)	NEW FAMILY	2023 SKU	MCA (A)	MOC (A)
38VMH (460V)	38VMA072HDS6-1	22	30	37MH (460V)	37VMA072HDS6-1	17	20	37MH (460V) High Heat	37VMA072HDS6H1	27	35
	38VMA096HDS6-1	25	30		37VMA096HDS6-1	23	30		37VMA096HDS6H1	35	50
	38VMA120HDS6-1	25	30		37VMA120HDS6-1	27	35		37VMA120HDS6H1	38	50
	38VMA144HDS6-1	33	40		37VMA144HDS6-1	35	40				
					37VMA168HDS6-1	35	40				
					37VMA196HDS6-1	41	50				
					37VMA216HDS6-1	45	50				
					37VMA240HDS6-1	45	50				



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Tables 18-19 – Standard and High Heat Heat Recovery Electrical

		Notable Change				Improvement over Legacy					
LEGACY FAMILY	CURRENT SKU	MCA (A)	MOCP (A)	NEW FAMILY	2023 SKU	MCA (A)	MOCP (A)	NEW FAMILY	2023 SKU	MCA (A)	MOCP (A)
38VMR (208-230V)	38VMA072RDS5-1	43	50	37MR (208-230V)	37VMA072RDS5-1	37	45	37MR (208-230V) High Heat	37VMA072RDS5H1	45	70
	38VMA096RDS5-1	45	50		37VMA096RDS5-1	40	50		37VMA096RDS5H1	58	80
	38VMA120RDS5-1	46	50		37VMA120RDS5-1	42	50		37VMA120RDS5H1	75	100
	38VMA144RDS5-1	70	80		37VMA144RDS5-1	60	80				
	38VMA168RDS5-1	70	80		37VMA168RDS5-1	62	80				
	38VMA196RDS5-1	71	80		37VMA196RDS5-1	63	80				
	38VMA216RDS5-1	81	100		37VMA216RDS5-1	77	100				
	38VMA240RDS5-1 (38VMA240RDS5-1)	81 (101)	100 (110)		37VMA240RDS5-1	82	100				
	38VMA264RDS5-1	101	110								
	38VMA288RDS5-1	104	110								
	38VMA312RDS5-1	106	110								
	38VMA336RDS5-1	106	110								

LEGACY FAMILY	CURRENT SKU	MCA (A)	MOCP (A)	NEW FAMILY	2023 SKU	MCA (A)	MOCP (A)	NEW FAMILY	2023 SKU	MCA (A)	MOCP (A)
38VMR (460V)	38VMA072RDS6-1	20	30	37MR (460V)	37VMA072RDS6-1	20	25	37MR (460V) High Heat	37VMA072RDS6H1	23	35
	38VMA096RDS6-1	22	30		37VMA096RDS6-1	22	30		37VMA096RDS6H1	30	40
	38VMA120RDS6-1	22	30		37VMA120RDS6-1	23	30		37VMA120RDS6H1	38	50
	38VMA144RDS6-1	35	40		37VMA144RDS6-1	30	40				
	38VMA168HDS6-1	35	40		37VMA168RDS6-1	31	40				
	38VMA196HDS6-1	35	40		37VMA196RDS6-1	32	40				
	38VMA216HDS6-1	38	40		37VMA216HDS6-1	34	45				
	38VMA240RDS6-1 (38VMA240RDL6-1)	38 (52)	40 (60)		37VMA240HDS6-1	37	50				
	38VMA264HDS6-1	54	60								
	38VMA288HDS6-1	54	60								
	38VMA312HDS6-1	55	60								
	38VMA336HDS6-1	55	60								



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Tables 20-23 – Indoor Unit Electrical



Notable Change

Improvement over Legacy

LEGACY FAMILY	CURRENT SKU	MCA (A)	MOCP (A)	NEW FAMILY	2023 SKU	MCA (A)	MOCP (A)
40VMI (1 Way Cassette)	40VMI005---3	0.29	15	45VMI (1 Way Cassette)	45VMI005---3	0.48	15
	40VMI007---3	0.29	15		45VMI007---3	0.53	15
	40VMI009---3	0.29	15		45VMI009---3	0.56	15
	40VMI012---3	0.37	15		45VMI012---3	0.58	15
	40VMI015---3	0.44	15		45VMI015---3	0.65	15
	40VMI018---3	0.58	15		45VMI018---3	0.78	15
	40VMI024---3	0.58	15		45VMI024---3	0.89	15

LEGACY FAMILY	CURRENT SKU	MCA (A)	MOCP (A)	NEW FAMILY	2023 SKU	MCA (A)	MOCP (A)
40VMH (High Static Ducted)	40VMH024---3	5.70	15	45VMH (High Static Ducted)	45VMH024---3	2.5	15
	40VMH030---3	7.10	15		45VMH030---3	3.04	15
	40VMH036---3	7.30	15		45VMH036---3	3.44	15
	40VMH048---3	7.80	15		45VMH048---3	4.54	15
	40VMH054---3	7.80	15		45VMH054---3	5.04	15
	40VMH072---3	9.70	15		45VMH072---3	6.15	15
	40VMH096---3	10.20	15		45VMH096---3	7.68	15

LEGACY FAMILY	CURRENT SKU	MCA (A)	MOCP (A)	NEW FAMILY	2023 SKU	MCA (A)	MOCP (A)
40VMU (Underceiling / Console Unit)	40VMU012---3	0.44	15	45VMU (Underceiling / Console Unit)	45VMU012---3	0.49	15
	40VMU015---3	0.73	15		45VMU015---3	0.55	15
	40VMU018---3	0.87	15		45VMU018---3	0.72	15
	40VMU024---3	1.20	15		45VMU024---3	0.90	15
	40VMU030---3	1.40	15		45VMU030---3	1.12	15
	40VMU036---3	1.80	15		45VMU036---3	1.10	15
	40VMU048---3	2.80	15		45VMU048---3	2.23	15

LEGACY FAMILY	CURRENT SKU	MCA (A)	MOCP (A)	NEW FAMILY	2023 SKU	MCA (A)	MOCP (A)
	40VMA036---3	5.7	15		45VMA036---3	1.95	15
	40VMA048---3	6.3	15		45VMA048---3	2.14	15
	40VMA054---3	6.9	15		45VMA054---3	2.45	15
	40VMA072---3	8.5	15		45VMA072---3	3.13	15
	40VMA096---3	10.0	15		45VMA096---3	3.84	15



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Tables 24-25 – Standard and High Heat Heat Pump and Heat Recovery AHRI Ratings (Ducted)

Notable Change
Improvement over Legacy

LEGACY FAMILY	CURRENT SKU	IEER	EER	COP	NEW FAMILY	2023 SKU	IEER	EER	COP	NEW FAMILY	2023 SKU	IEER	EER	COP
38VMH (208-230V)	38VMA072HDS5(6)-1	19.8	11.6	3.85	37MH (208-230V)	37VMA072HDS5(6)-1	22.4	11.3	3.66	37MH (208-230V) High Heat	37VMA072HDS5(6)H1	22.0	12.2	3.60
	38VMA096HDS5(6)-1	19.5	10.8	3.63		37VMA096HDS5(6)-1	21.6	11.5	3.68		37VMA096HDS5(6)H1	22.0	11.8	3.80
	38VMA120HDS5(6)-1	19.1	10.2	3.45		37VMA120HDS5(6)-1	21.0	10.3	3.40		37VMA120HDS5(6)H1	21.5	11.5	3.71
	38VMA144HDS5(6)-1	17.1	9.1	3.35		37VMA144HDS5(6)-1	20.8	11.5	3.37					
	38VMA168HDS5(6)-1	20.2	11.4	3.64		37VMA168HDS5(6)-1	20.1	10.8	3.26					
	38VMA196HDS5(6)-1	19.6	10.7	3.60		37VMA196HDS5(6)-1	19.1	9.8	3.20					
	38VMA216HDS5(6)-1	19.2	10.0	3.54		37VMA216HDS5(6)-1	21.0	10.5	3.32					
	38VMA240HDS5(6)-1	18.9	9.4	3.47		37VMA240HDS5(6)-1	20.0	10.0	3.27					

LEGACY FAMILY	CURRENT SKU	IEER	EER	COP	SCHE	NEW FAMILY	2023 SKU	IEER	EER	COP	SCHE	NEW FAMILY	2023 SKU	IEER	EER	COP	SCHE
38VMR (208-230V)	38VMA072RDS5(6)-1	21.6	12.2	3.66	26.1	37MR (208-230V)	37VMA072RDS5(6)-1	22.2	11.7	3.68	28.00	37MR (208-230V)	37VMA072RDS5(6)H1	23.9	12.6	3.87	28.5
	38VMA096RDS5(6)-1	20.7	11.5	3.45	26.3		37VMA096RDS5(6)-1	22.5	12.1	3.80	26.30		37VMA096RDS5(6)H1	22.8	12.0	3.90	26.7
	38VMA120RDS5(6)-1	20.3	10.6	3.30	25.4		37VMA120RDS5(6)-1	21.7	10.9	3.46	25.40		37VMA120RDS5(6)H1	22.0	11.6	3.72	27.8
	38VMA144RDS5(6)-1	24.0	12.3	3.60	26.5		37VMA144RDS5(6)-1	21.2	10.7	3.40	25.18						
	38VMA168RDS5(6)-1	20.6	10.0	3.21	23.9		37VMA168RDS5(6)-1	20.6	10.2	3.26	24.70						
	38VMA196RDS5(6)-1	19.3	9.0	3.20	24.2		37VMA196RDS5(6)-1	19.8	10.1	3.25	24.70						
	38VMA216RDS5(6)-1	19.2	8.7	3.20	25.2		37VMA216RDS5(6)-1	20.5	10.5	3.30	26.00						
	38VMA240RDS5(6)-1	18.8	8.5	3.20	25.2		37VMA240RDS5(6)-1	20.0	10.0	3.25	25.18						
	38VMA264RDS5(6)-1	19.8	10.1	3.23	26.1												
	38VMA288RDS5(6)-1	19.1	9.5	3.22	25.7												
	38VMA312RDS5(6)-1	18.8	8.9	3.20	25.2												
	38VMA336RDS5(6)-1	18.7	8.7	3.20	24.2												



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Tables 26-27 – Standard and High Heat Heat Pump and Heat Recovery AHRI Ratings (Non-Ducted)

Notable Change
Improvement over Legacy

LEGACY FAMILY	CURRENT SKU	IEER	EER11.4	COP	NEW FAMILY	2023 SKU	IEER	EER	COP	NEW FAMILY	2023 SKU	IEER	EER	COP
38VMH (208-230V)	38VMA072HDS5(6)-1	21.4	12.8	4.29	37MH (208-230V)	37VMA072HDS5(6)-1	23.5	11.6	3.85	37MH (208-230V) High Heat	37VMA072HDS5(6)H1	23.0	13.0	4.30
	38VMA096HDS5(6)-1	20.4	11.4	3.82		37VMA096HDS5(6)-1	23.9	11.7	4.10		37VMA096HDS5(6)H1	24.5	12.5	4.05
	38VMA120HDS5(6)-1	19.8	10.6	3.60		37VMA120HDS5(6)-1	23.3	10.8	3.80		37VMA120HDS5(6)H1	23.0	12.0	4.00
	38VMA144HDS5(6)-1	17.9	10.1	3.40		37VMA144HDS5(6)-1	23.2	11.9	3.50					
	38VMA168HDS5(6)-1	19.3	11.4	3.80		37VMA168HDS5(6)-1	21.8	11.1	3.40					
	38VMA196HDS5(6)-1	19.1	10.9	3.75		37VMA196HDS5(6)-1	21.0	10.2	3.35					
	38VMA216HDS5(6)-1	18.9	10.5	3.62		37VMA216HDS5(6)-1	22.0	10.6	3.42					
	38VMA240HDS5(6)-1	18.6	10.2	3.52		37VMA240HDS5(6)-1	20.5	10.1	3.30					

LEGACY FAMILY	CURRENT SKU	IEER	EER	COP	SCHE	NEW FAMILY	2023 SKU	IEER	EER	COP	SCHE	NEW FAMILY	2023 SKU	SEER	EER	COP	SCHE
38VMR (208-230V)	38VMA072RDS5(6)-1	21.6	12.2	3.66	26.1	37MR (208-230V)	37VMA072RDS5(6)-1	23.5	12.5	4.05	30.00	37MR (208-230V)	37VMA072RDS5(6)H1	24.5	12.8	4.25	31.0
	38VMA096RDS5(6)-1	20.7	11.5	3.45	26.3		37VMA096RDS5(6)-1	25.5	12.4	4.10	28.50		37VMA096RDS5(6)H1	26.8	12.7	4.20	31.0
	38VMA120RDS5(6)-1	20.3	10.6	3.30	25.4		37VMA120RDS5(6)-1	24.0	11.3	3.75	29.10		37VMA120RDS5(6)H1	24.5	12.1	4.06	31.0
	38VMA144RDS5(6)-1	24.0	12.3	3.60	26.5		37VMA144RDS5(6)-1	22.7	11.2	3.72	27.70						
	38VMA168RDS5(6)-1	20.6	10.0	3.21	23.9		37VMA168RDS5(6)-1	22.6	10.7	3.55	28.30						
	38VMA196RDS5(6)-1	19.3	9.0	3.20	24.2		37VMA196RDS5(6)-1	21.3	10.1	3.42	28.30						
	38VMA216RDS5(6)-1	19.2	8.7	3.20	25.2		37VMA216RDS5(6)-1	21.5	10.5	3.50	27.80						
	38VMA240RDS5(6)-1	18.8	8.5	3.20	25.2		37VMA240RDS5(6)-1	21.0	10.1	3.42	26.30						
	38VMA264RDS5(6)-1	19.8	10.1	3.23	26.1												
	38VMA288RDS5(6)-1	19.1	9.5	3.22	25.7												
	38VMA312RDS5(6)-1	18.8	8.9	3.20	25.2												
	38VMA336RDS5(6)-1	18.7	8.7	3.20	24.2												



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Tables 28-29 – Standard and High Heat Heat Pump and Heat Recovery Connection Sizes

Change in Size

LEGACY FAMILY	CURRENT SKU	High Pressure (Inches)	Low Pressure (Inches)	NEW FAMILY	2023 SKU	High Pressure (Inches)	Low Pressure (Inches)	NEW FAMILY	2023 SKU	High Pressure (Inches)	Low Pressure (Inches)
38VMH (208-230V)	38VMA072HDS5(6)-1	3/8	7/8	37VMH (208-230V)	37VMA072HDS5(6)-1	3/8	7/8	37VMH (208-230V) High Heat	37VMA072HDS5(6)H1	3/8	7/8
	38VMA096HDS5(6)-1	3/8	7/8		37VMA096HDS5(6)-1	3/8	7/8		37VMA096HDS5(6)H1	3/8	7/8
	38VMA120HDS5(6)-1	1/2	1 1/8		37VMA120HDS5(6)-1	1/2	1 1/8		37VMA120HDS5(6)H1	1/2	1 1/8
	38VMA144HDS5(6)-1	1/2	1 1/8		37VMA144HDS5(6)-1	1/2	1 1/8				
					37VMA168HDS5(6)-1	5/8	1 1/8				
					37VMA196HDS5(6)-1	5/8	1 1/8				
					37VMA216HDS5(6)-1	5/8	1 1/8				
					37VMA240HDS5(6)-1	5/8	1 3/8				

LEGACY FAMILY	CURRENT SKU	High Pressure (Inches)	Low Pressure (Inches)	NEW FAMILY	2023 SKU	High Pressure (Inches)	Low Pressure (Inches)	NEW FAMILY	2023 SKU	High Pressure (Inches)	Low Pressure (Inches)
38VMR (208-230V)	38VMA072RDS5(6)-1	5/8	3/4	37VMR (208-230V)	37VMA072RDS5(6)-1	5/8	3/4	37VMR (208-230V) High Heat	37VMA072RDS5(6)H1	5/8	3/4
	38VMA096RDS5(6)-1	3/4	7/8		37VMA096RDS5(6)-1	3/4	7/8		37VMA096RDS5(6)H1	3/4	7/8
	38VMA120RDS5(6)-1	3/4	1 1/8		37VMA120RDS5(6)-1	3/4	1 1/8		37VMA120RDS5(6)H1	3/4	1 1/8
	38VMA144RDS5(6)-1	7/8	1 1/8		37VMA144RDS5(6)-1	7/8	1 1/8				
	38VMA168RDS5(6)-1	7/8	1 1/8		37VMA168RDS5(6)-1	7/8	1 1/8				
	38VMA196RDS5(6)-1	7/8	1 1/8		37VMA196RDS5(6)-1	7/8	1 1/8				
	38VMA216RDS5(6)-1	1 1/8	1 1/8		37VMA216RDS5(6)-1	1 1/8	1 1/8				
	38VMA240RDS5(6)-1	1 1/8	1 3/8		37VMA240RDS5(6)-1	1 1/8	1 3/8				
	38VMA264RDS5(6)-1	1 1/8	1 3/8								
	38VMA288RDS5(6)-1	1 1/8	1 3/8								
	38VMA312RDS5(6)-1	1 1/8	1 5/8								
	38VMA336RDS5(6)-1										



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Tables 30-33 – Indoor Unit Connection Sizes

Change in Size

LEGACY FAMILY	CURRENT SKU	Liquid (Inches)	Gas (Inches)	NEW FAMILY	2023 SKU	Liquid (Inches)	Gas (Inches)
40VMI (1 Way Cassette)	40VMI005---3	1/4	1/2	45VMI (1 Way Cassette)	45VMI005---3	1/4	1/2
	40VMI007---3	1/4	1/2		45VMI007---3	1/4	1/2
	40VMI009---3	1/4	1/2		45VMI009---3	1/4	1/2
	40VMI012---3	1/4	1/2		45VMI012---3	1/4	1/2
	40VMI015---3	1/4	1/2		45VMI015---3	1/4	1/2
	40VMI018---3	3/8	5/8		45VMI018---3	1/4	1/2
	40VMI024---3	3/8	5/8		45VMI024---3	3/8	5/8

LEGACY FAMILY	CURRENT SKU	Liquid (Inches)	Gas (Inches)	NEW FAMILY	2023 SKU	Liquid (Inches)	Gas (Inches)
40VMH (High Static Ducted)	40VMH024---3	3/8	5/8	45VMH (High Static Ducted)	45VMH024---3	3/8	5/8
	40VMH030---3	3/8	5/8		45VMH030---3	3/8	5/8
	40VMH036---3	3/8	5/8		45VMH036---3	3/8	5/8
	40VMH048---3	3/8	5/8		45VMH048---3	3/8	5/8
	40VMH054---3	3/8	5/8		45VMH054---3	3/8	5/8
	40VMH072---3	3/8	7/8		45VMH072---3	3/8	7/8
	40VMH096---3	3/8	7/8		45VMH096---3	1/2	7/8

LEGACY FAMILY	CURRENT SKU	Liquid (Inches)	Gas (Inches)	NEW FAMILY	2023 SKU	Liquid (Inches)	Gas (Inches)
40VMU (Underceiling / Console Unit)	40VMU012---3	1/4	1/2	45VMU (Underceiling / Console Unit)	45VMU012---3	1/4	1/2
	40VMU015---3	1/4	1/2		45VMU015---3	1/4	5/8
	40VMU018---3	3/8	5/8		45VMU018---3	1/4	5/8
	40VMU024---3	3/8	5/8		45VMU024---3	3/8	5/8
	40VMU030---3	3/8	5/8		45VMU030---3	3/8	5/8
	40VMU036---3	3/8	5/8		45VMU036---3	3/8	5/8
	40VMU048---3	3/8	5/8		45VMU048---3	3/8	5/8

LEGACY FAMILY	CURRENT SKU	Liquid (Inches)	Gas (Inches)	NEW FAMILY	2023 SKU	Liquid (Inches)	Gas (Inches)
40VMA (Outside Air Unit)	40VMA036---3	3/8	5/8	45VMA (Outside Air Unit)	45VMA036---3	3/8	5/8
	40VMA036---3	3/8	5/8		45VMA036---3	3/8	5/8
	40VMA048---3	3/8	5/8		45VMA048---3	3/8	5/8
	40VMA054---3	3/8	7/8		45VMA054---3	3/8	5/8
	40VMA072---3	3/8	7/8		45VMA072---3	3/8	3/4
	40VMA096---3	3/8	7/8		45VMA096---3	1/2	7/8



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Tables 34 – Refrigerant Charge

	Notable Change
	Improvement over Legacy

	R410A		R454B	
	Model No.	Refrigerant Charge	Model No.	Refrigerant Charge
High Heat Heat Pump			37VMA072HDS5(6)H1	22.0
			37VMA096HDS5(6)H1	22.0
			37VMA120HDS5(6)H1	22.0
High Heat Heat Recovery			37VMA072RDS5(6)H1	22.0
			37VMA096RDS5(6)H1	22.0
			37VMA120RDS5(6)H1	22.0
Heat Pump	38VMA072HDS5(6)-1	37.5	37VMA072HDS5(6)-1	22.0
	38VMA096HDS5(6)-1	37.5	37VMA096HDS5(6)-1	22.0
	38VMA120HDS5(6)-1	37.5	37VMA120HDS5(6)-1	22.0
	38VMA144HDS5(6)-1	37.5	37VMA144HDS5(6)-1	22.0
			37VMA196HDS5(6)-1	22.0
			37VMA240HDS5(6)-1	22.0
Heat Recovery	38VMA072RDS5(6)-1	26.5	37VMA072RDS5(6)-1	22.0
	38VMA096RDS5(6)-1	26.5	37VMA096RDS5(6)-1	22.0
	38VMA120RDS5(6)-1	26.5	37VMA120RDS5(6)-1	22.0
	38VMA144RDS5(6)-1	44.2	37VMA144RDS5(6)-1	22.0
	38VMA168RDS5(6)-1	44.2	37VMA168RDS5(6)-1	22.0
	38VMA192RDS5(6)-1	67.1	37VMA192RDS5(6)-1	22.0
	38VMA216RDS5(6)-1	67.1	37VMA216RDS5(6)-1	22.0
	38VMA240RDS5(6)-1	77.2	37VMA240RDS5(6)-1	22.0
	38VMA264RDS5(6)-1	77.2		
	38VMA288RDS5(6)-1	77.2		
	38VMA312RDS5(6)-1	77.2		
	38VMA336RDS5(6)-1	77.2		



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Tables 35 -38 – Indoor Unit Sound Pressure Ratings

LEGACY FAMILY	CURRENT SKU	Low (dB(A))	High (dB(A))	NEW FAMILY	2023 SKU	Low (dB(A))	High (dB(A))
40VMI (1 Way Cassette)	40VMI005---3	28.5	31.7	45VMI (1 Way Cassette)	45VMI005---3	29.2	32.0
	40VMI007---3	29.4	35.4		45VMI007---3	30.9	35.9
	40VMI009---3	32.5	41.5		45VMI009---3	32.8	37.5
	40VMI012---3	36.1	45.0		45VMI012---3	32.8	39.8
	40VMI015---3	36.3	40.7		45VMI015---3	31.3	40.7
	40VMI018---3	40.8	45.5		45VMI018---3	37.4	46.1
	40VMI024---3	42.2	46.2		45VMI024---3	39.9	50.1

LEGACY FAMILY	CURRENT SKU	Low (dB(A))	High (dB(A))	NEW FAMILY	2023 SKU	Low (dB(A))	High (dB(A))
40VMH (High Static Ducted)	40VMH024---3	44.7	50.9	45VMH (High Static Ducted)	45VMH024---3	37	46
	40VMH030---3	43.3	51.2		45VMH030---3	38.2	47
	40VMH036---3	49.1	55.5		45VMH036---3	40.2	49
	40VMH048---3	48.3	54.9		45VMH048---3	42.5	51
	40VMH054---3	52.0	58.1		45VMH054---3	43.9	52
	40VMH072---3	48.7	55.9		45VMH072---3	44.9	54
	40VMH096---3	52.4	56.4		45VMH096---3	46.5	55

LEGACY FAMILY	CURRENT SKU	Low (dB(A))	High (dB(A))	NEW FAMILY	2023 SKU	Low (dB(A))	High (dB(A))
40VMU (Underceiling / Console Unit)	40VMU012---3	33.9	37.7	45VMU (Underceiling / Console Unit)	45VMU012---3	31.5	34.4
	40VMU015---3	40.2	45.2		45VMU015---3	35.4	39.9
	40VMU018---3	42.3	46.3		45VMU018---3	37.2	45.6
	40VMU024---3	47.5	51.3		45VMU024---3	38.0	46.7
	40VMU030---3	47.9	51.5		45VMU030---3	40.8	50.3
	40VMU036---3	47.7	52.1		45VMU036---3	42.5	51.0
	40VMU048---3	49.8	59		45VMU048---3	43.8	54.7

LEGACY FAMILY	CURRENT SKU	Low (dB(A))	High (dB(A))	NEW FAMILY	2023 SKU	Low (dB(A))	High (dB(A))
40VMA (Outside Air Unit)	40VMA036---3	43.8	49.5	45VMA (Outside Air Unit)	45VMA036---3	29.5	40.3
	40VMA048---3	43.4	50.4		45VMA048---3	30.9	40.9
	40VMA054---3	53.9	51.4		45VMA054---3	31.3	42.6
	40VMA072---3	48.5	52.1		45VMA072---3	36.8	46.0
	40VMA096---3	47.7	53.5		45VMA096---3	38.9	47.4



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Tables 39 – Accessories

Model No.	Description	Compatible Indoor Unit Model(s)
45VM900001	Remote controller	45VMF / 45VMC / 45VML / 45MM / 45VMV / 45VMW/45VMD/ 45VMU / 45VMI / 45VMH / 45VMA
45VM900002	Programmable Controller	45VMF / 45VMC / 45VML / 45MM / 45VMV / 45VMW/45VMD/ 45VMU / 45VMI / 45VMH / 45VMA
45VM900003	Touchscreen Programmable Controller	45VMF / 45VMC / 45VML / 45MM / 45VMV / 45VMW/45VMD/ 45VMU / 45VMI / 45VMH / 45VMA
45VM900006A	Touchscreen Central Controller	37VMH-1P / 37VMH / 37VMR
45VM900052A	Multiprotocol Gateway	37VMH-1P / 37VMH / 37VMR
40VM900031	VRF indoor branch pipe	37VMH-1P / 37VMH / 37VMR
40VM900032	VRF indoor branch pipe	37VMH-1P / 37VMH / 37VMR
40VM900033	VRF indoor branch pipe	37VMH-1P / 37VMH / 37VMR
40VM900034	VRF indoor branch pipe	37VMH-1P / 37VMH / 37VMR
40VM900035	VRF indoor branch pipe	37VMH-1P / 37VMH / 37VMR
45VMI001----	One way cassette panel	45VMI
45VMI002----	One way cassette panel	45VMI
45VMI002----	One way cassette panel	45VMI