

MULTI V™

INDOOR UNIT PRODUCT OVERVIEW



Ducted
7,500 to 95,900 Btu/h



Ceiling Cassettes
5,500 to 48,100 Btu/h



Ceiling Suspended
19,100 and 24,200 Btu/h



Wall-Mounted
5,500 to 35,500 Btu/h



Floor Standing
7,500 to 24,200 Btu/h



Vertical / Horizontal
Air Handlers
12,000 to 54,000 Btu/h

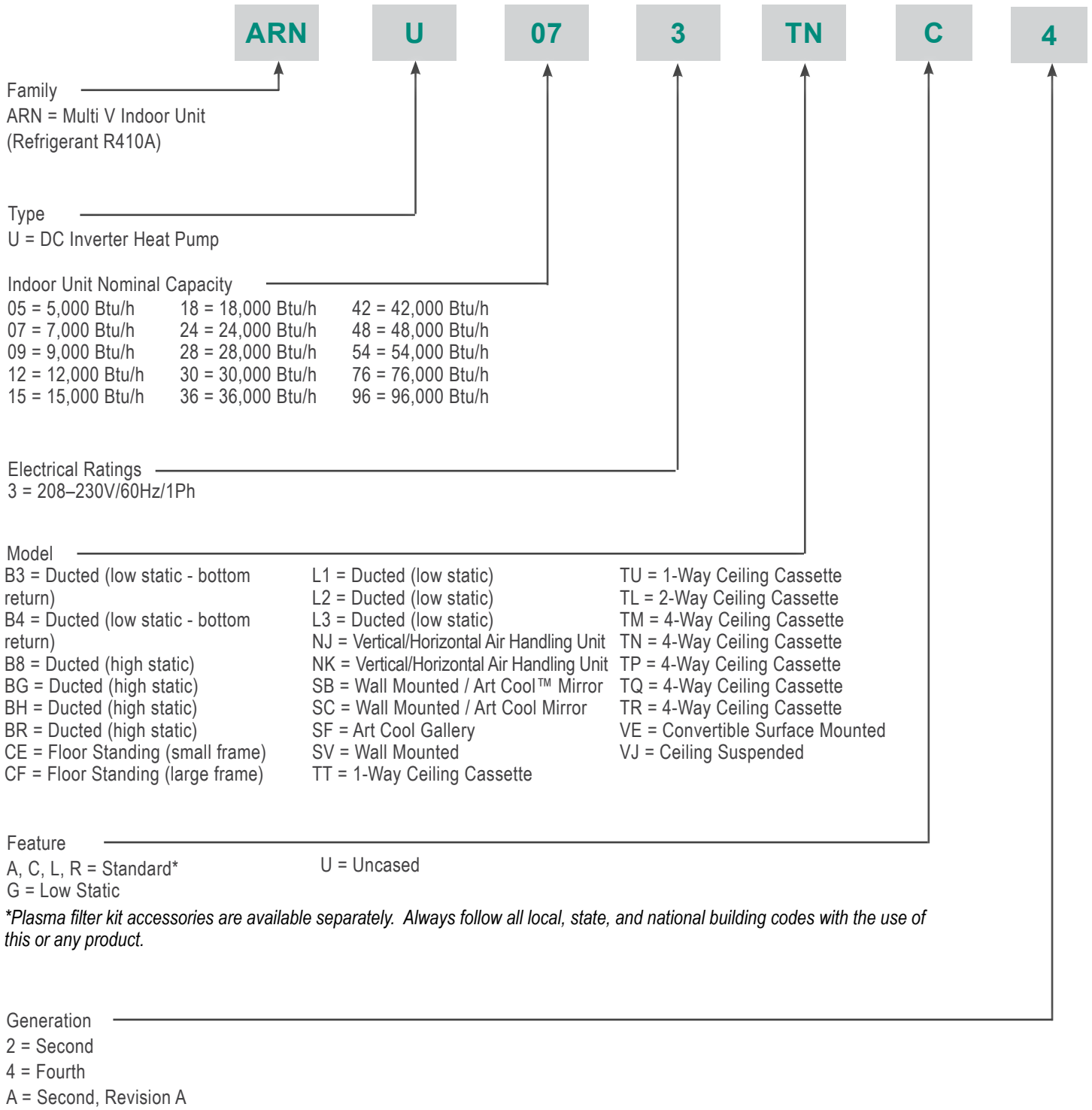


Convertible
Surface Mounted
9,600 and 12,300 Btu/h

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INDOOR UNIT OVERVIEW



Wall-Mounted

Table 1: Wall-Mounted Indoor Units.

Unit/Type ¹	ARNU ^{*****2}	Dimensions (W x D x H) (inches)	Nominal Capacity Btu/h		Air Flow Rate (CFM) (H/M/L ⁴)	Weight (lbs.)	Pipe Connections (inches, O.D.) (Liquid, Vapor)
			Cooling ³	Heating ³			
Wall Mounted–ART COOL™ Gallery 	093 SFA4	23-5/8 x 5-3/4 x 23-5/8	9,600	10,900	286/222/148	34	1/4, 1/2
	123 SFA4		12,300	13,600	328/272/212		
Wall Mounted–ART COOL™ Mirror 	053 SBR4	35-1/4 x 8-1/8 x 11-7/16	5,500	6,100	230/212/194	24	1/4, 1/2
	073 SBR4		7,500	8,500	247/230/194		
	093 SBR4		9,600	10,900	290/247/194		
	123 SBR4		12,300	13,600	336/290/230		
	153 SBR4		15,400	17,100	371/318/247		
	183 SCR4	40-9/16 x 9-11/16 x 12-13/16	19,100	21,500	441/424/399	34	3/8, 5/8
	243 SCR4		24,200	27,300	494/449/406		
Wall Mounted–Standard 	053 SBL4	35-1/4 x 8-15/16 x 11-7/16	5,500	6,100	230/212/194	22	1/4, 1/2
	073 SBL4		7,500	8,500	247/230/194		
	093 SBL4		9,600	10,900	290/247/194		
	123 SBL4		12,300	13,600	336/290/230		
	153 SBL4		15,400	17,100	371/318/247		
	183 SCL4	40-5/16 x 9-7/8 x 12-13/16	19,100	21,500	441/424/399	31	3/8, 5/8
	243 SCL4		24,200	27,300	494/449/406		
	303 SVA4	40-9/16 x 9-7/8 x 12-13/16	30,000	32,000	812/706/600	37	3/8, 5/8
	363 SVA4		35,500	37,000	918/812/671		

¹All indoor units require 208–230V/60Hz/1Ph and an AWG18-2 communication cable.





²Model number shows nominal capacity and frame size designator.

³Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB) and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

⁴H/M/L = High/Medium/Low

Table 2: Ceiling Cassette Indoor Units.

Unit/Type ¹	ARNJ****2	Dimensions (W x D x H) (inches)	Nominal Capacity Btu/h		Air Flow Rate (CFM) (H/M/L ⁴)	Weight (lbs.)	Pipe Connections (inches, O.D.) (Liquid, Vapor)
			Cooling ³	Heating ³			
Ceiling Cassette–One Way 	073 TUC4	Body: 33-7/8 x 17-3/4 x 6-11/16 Panel: 43-5/16 x 19-3/4 x 1-3/8	7,500	8,500	290/258/226	Body: 33 Panel: 10	1/4, 1/2
	093 TUC4		9,600	10,900	325/304/290		
	123 TUC4		12,300	13,600	353/325/290		
	183 TTC4	Body: 46-1/2 x 17-3/4 x 6-7/8 Panel: 55-15/16 x 19-3/4 x 1-3/8	19,100	21,500	470/427/385	Body: 42 Panel: 13	
	243 TTC4		24,200	24,200	515/470/406		
Ceiling Cassette–Two Way 	183 TLC4	Body: 32-11/16 x 21-5/8 x 8-7/8 Panel: 41-5/16 x 25-3/16 x 1-5/8	19,100	21,500	459/424/353	Body: 49 Panel: 11	1/4, 1/2
	243 TLC4		24,200	27,300	601/530/459		3/8, 5/8
Ceiling Cassette–Four Way (2' x 2') 	053 TRC4	Body: 22-7/16 x 22-7/16 x 8-7/16 Panel: 27-9/16 x 27-9/16 x 7/8	5,500	6,100	265/247/212	Body: 29 Panel: 7	1/4, 1/2
	073 TRC4		7,500	8,500	265/247/212		
	093 TRC4		9,600	10,900	283/265/251	Body: 32 Panel: 7	
	123 TRC4		12,300	13,600	307/283/247		
	153 TQC4	Body: 22-7/16 x 22-7/16 x 10-3/32 Panel: 27-9/16 x 27-9/16 x 7/8	15,400	17,100	388/353/328	Body: 35 Panel: 7	
	183 TQC4		19,100	21,500	396/388/353		
Ceiling Cassette–Four Way (3' x 3') 	243 TPC4	Body: 33-1/16 x 33-1/16 x 8 Panel: 37-3/8 x 37-3/8 x 1-7/16	24,200	27,300	600/530/459	Body: 48 Panel: 13	3/8, 5/8
	283 TPC4		28,000	31,500	671/565/494		
	073 TNA4	Body: 33-1/16 x 33-1/16 x 9-11/16 Panel: 37-3/8 x 37-3/8 x 1-7/16	7,500	8,500	459/424/388	Body: 54 Panel: 13	
	093 TNA4		9,600	10,900	477/424/388		
	123 TNA4		12,300	13,600	494/459/424		
	153 TNA4		15,400	17,100	530/459/424		
	183 TNA4		19,100	21,500	565/530/424		
	243 TNA4		24,200	27,300	742/671/600		
	363 TNC4		36,200	40,600	883/777/706		
	243 TMA4	Body: 33-1/16 x 33-1/16 x 11-5/16 Panel: 37-3/8 x 37-3/8 x 1-7/16	24,200	27,300	777/706/635	Body: 59 Panel: 13	
	283 TMA4		28,000	31,500	812/741/635		
	363 TMA4		36,200	40,600	918/812/706		
	423 TMC4		42,000	43,800	1,059/918/812		
	483 TMC4		48,100	51,200	1,130/953/883		

¹All indoor units require 208–230V/60Hz/1Ph and an AWG18-2 communication cable.

²Model number shows nominal capacity and frame size designator.

³Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB) and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).



⁴H/M/L = High/Medium/Low

INDOOR UNIT OVERVIEW



Ducted

Table 3: Ducted Indoor Units.

Unit/Type ¹	ARNU**** ²	Dimensions (W x D x H) (inches)	Nominal Capacity Btu/h		Air Flow Rate (CFM) (H/M/L ⁴)	Weight (lbs.)	Pipe Connections (inches, O.D.) (Liquid, Vapor)	Max. ESP (inches)	
			Cooling ³	Heating ³					
	073 BHA4	34-3/4 x 17-3/4 x 10-1/4	7,500	8,500	230/205/191	59	1/4, 1/2	0.47	
	093 BHA4		9,600	10,900	286/230/205				
	123 BHA4		12,300	13,600	339/286/230				
	153 BHA4		15,400	17,100	399/339/230				
	183 BHA4		19,100	21,500	459/399/339				
	243 BHA4		24,200	27,300	565/509/459				
		073 BGA4	46-1/2 x 17-3/4 x 11-3/4	7,500	8,500	441/406/332	84	3/8, 5/8	0.7
		093 BGA4		9,600	10,900	452/406/332			
		123 BGA4		12,300	13,600	477/427/332			
		153 BGA4		15,400	17,100	487/417/293			
		183 BGA4		19,100	21,500	537/487/417			
		243 BGA4		24,200	27,300	671/537/487			
		283 BGA4		28,000	31,500	915/851/770			
		363 BGA4		36,200	40,600	1,141/1,024/894			
		423 BGA4	42,000	43,800	1,218/1,141/1,084				
			283 BRA4	48-7/16 x 23-3/8 x 15	28,000	31,500	1,278/1,134/1,007	112	
	363 BRA4		36,200		40,600	1,381/1,176/1,049			
	423 BRA4		42,000		43,800	1,490/1,381/1,176			
	483 BRA4		48,100		51,200	1,582/1,434/1,176			
	543 BRA4		54,000		61,400	1,801/1,582/1,434			
	363 B8A4	61-1/2 x 27-1/8 x 18-1/8	36,200	40,600	1,730/1,317/1,066	192	3/8, 3/4	0.98	
	423 B8A4		42,000	43,800	1,914/1,458/1,123				
	483 B8A4		48,100	51,200	2,019/1,518/1,200				
	763 B8A4		76,400	86,000	2,260/1,766/1,766				
	963 B8A4		95,900	107,500	2,542/2,260/2,260				
	073 L1G4	27-9/16 x 27-9/16 x 7-1/2	7,500	8,500	270/230/200	39	1/4, 1/2	0.19	
	093 L1G4		9,600	10,900	320/250/200				
	123 L2G4	35-7/16 x 27-9/16 x 7-1/2	12,300	13,600	360/310/250	51			
	153 L2G4		15,400	17,100	450/360/310				
	183 L2G4		19,100	21,500	530/450/360				
	243 L3G4		24,000	27,300	710/570/430				
	43-5/16 x 27-9/16 x 7-1/2				60	3/8, 5/8			

¹All indoor units require 208–230V/60Hz/1Ph and an AWG18-2 communication cable.

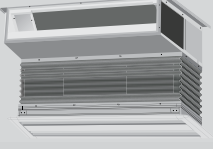

²Model number shows nominal capacity and frame size designator.

³Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB) and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

⁴H/M/L = High/Medium/Low

Table 4: Ducted Indoor Units, continued.

Unit/Type ¹	ARNU**** ²	Dimensions (W x D x H) (inches)	Nominal Capacity Btu/h		Air Flow Rate (CFM) (H/M/L ⁴)	Weight (lbs.)	Pipe Connections (inches, O.D.) (Liquid, Vapor)	Max. ESP (inches)
			Cooling ³	Heating ³				
 <p>Ducted-Low Static, Built In</p>	073 B3G4	32-5/8 x 22-5/8 x 7-1/2	7,500	8,500	283/229/194	46	1/4, 1/2	0.15
	093 B3G4		9,600	10,900	318/247/212			
	123 B3G4		12,300	13,600	353/283/229			
	153 B3G4		15,400	17,100	388/353/283			
	183 B4G4	43-5/16 x 22-5/8 x 7-1/2	19,100	21,500	494/424/353	57	3/8, 5/8	
	243 B4G4		24,200	27,300	600/530/353			
 <p>Vertical/Horizontal Air Handling Unit</p>	123 NJA4	18 x 21-1/4 x 48-11/16	12,000	13,500	530/480/380	117	1/4, 1/2	1.0
	183 NJA4		18,000	20,000	580/530/480			
	243 NJA4		24,000	27,000	710/640/480			
	303 NJA4		30,000	34,000	880/800/630			
	363 NJA4		36,000	40,000	990/880/800			
	423 NKA4	25 x 21-1/4 x 55-3/16	42,000	46,000	1,250/1,100/1,000	165	3/8, 5/8	
	483 NKA4		48,000	54,000	1,400/1,260/1,000			
	543 NKA4		54,000	60,000	1,475/1,400/1,260			

¹All indoor units require 208-230V/60Hz/1Ph and an AWG18-2 communication cable.

²Model number shows nominal capacity and frame size designator.

³Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB) and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

⁴H/M/L = High/Medium/Low

INDOOR UNIT OVERVIEW



Surface Mounted / Floor Standing

Table 5: Surface Mounted / Floor Standing Indoor Units.




Unit/Type ¹	ARNU**** ²	Dimensions (W x D x H) (inches)	Nominal Capacity Btu/h		Air Flow Rate (CFM) (H/M/L ⁴)	Weight (lbs.)	Pipe Connections (inches, O.D.) (Liquid, Vapor)
			Cooling ³	Heating ³			
Ceiling Suspended 	183 VJA2	37-7/16 x 8-11/16 x 25-5/8	19,100	21,500	565/495/424	55	1/4, 1/2
	243 VJA2		24,200	27,300	636/565/495		3/8, 5/8
Convertible Surface Mounted 	093 VEA2	35-7/16 x 7-7/8 x 19-5/16	9,600	10,900	268/243/219	31	1/4, 1/2
	123 VEA2		12,300	13,600	325/268/244		
Floor Standing –Cased 	073 CEA4	42 x 8 x 25	7,500	8,500	300/265/229	60	1/4, 1/2
	093 CEA4		9,600	10,900	335/300/265		
	123 CEA4		12,300	13,600	371/335/300		
	153 CEA4		15,400	17,100	406/353/335		
	183 CFA4	52-15/16 x 8 x 25	19,100	21,500	565/494/424	75	3/8, 5/8
	243 CFA4		24,200	27,300	635/565/494		
Floor Standing – Uncased 	073 CEU4	38-1/2 x 7-15/16 x 25-3/16	7,500	8,500	300/265/229	46	1/4, 1/2
	093 CEU4		9,600	10,900	335/300/265		
	123 CEU4		12,300	13,600	371/335/300		
	153 CEU4		15,400	17,100	406/353/335		
	183 CFU4	49-7/16 x 7-1/2 x 25-3/16	19,100	21,500	565/494/424	58	3/8, 5/8
	243 CFU4		24,200	27,300	635/565/494		

Table 6: Options and Features.

Feature		Wall Mounted—ART COOL™ Gallery	Wall Mounted—Standard Finish	Wall Mounted—ART COOL™ Mirror	1-Way Cassette	2-Way Cassette	4-Way Cassette		Ducted High Static	Ducted Low Static
Nominal Chassis Size (MBh)		9 and 12	5–24	7–24	7–24	18–24	5–18	24–48	7–96	7–24
Airflow	Air supply outlets	3	1	1	1	2	4	4	1	1
	Airflow direction (left/right)	auto	manual	auto						
	Auto airflow direction (up/down)	√	√	√	√	√	√	√		
	Fan speed (Heating mode)	3	3	3	4	4	4	4	3	3
	Fan speed (Cooling mode)	4	4	4	5	5	5	5	3	3
	Fan speed (fan mode)	3	3	3	4	4	4	4	3	3
	Chaos swing (random louver swing)		√	√						
	Chaos wind (random fan speed)	√	√	√	√	√	√	√		
Jet-cool (power cooling)	√	√	√	√	√	√	√			
Operation	E.S.P. control								√	√
	High ceiling				√	√	√	√		
	Auto-restart after power restore	√	√	√	√	√	√	√	√	√
	Hot start	√	√	√	√	√	√	√	√	√
	Diagnostics	√	√	√	√	√	√	√	√	√
	Auto changeover ¹	√	√	√	√	√	√	√	√	√
	Auto operation ⁶	√	√	√	√	√	√	√	√	√
	Auto clean (coil dry)	√	√	√						
	Child lock	√	√	√	√	√	√	√	√	√
	Dual thermistor control	√	√	√	√	√	√	√	√	√
	Dual set-point control*	√	√	√	√	√	√	√	√	√
	Filter life display*	√	√	√	√	√	√	√	√	√
	Power consumption display (with PDI)*	√	√	√	√	√	√	√	√	√
	External on/off control*	√	√	√	√	√	√	√	√	√
	Forced operation	√	√	√	√	√	√	√		
	Group control – Requires the use of one Group control cable kit (PZCWRCG3) for every additional indoor unit	√	√	√	√	√	√	√	√	√
	Timer (on/off)	√	√	√	√	√	√	√	√	√
Weekly schedule	√	√	√	√	√	√	√	√	√	
Test operation mode	√	√	√	√	√	√	√	√	√	
Filter	Plasma ³		o	√	o	o	o	o		
	Washable anti-fungal ²	√	√	√	√	√	√	√	√	√
Controllers	7-day programmable controller	o	o	o	o	o	o	o	o	o
	Simple controller w/mode	o	o	o	o	o	o	o	o	o
	Simple controller w/o mode	o	o	o	o	o	o	o	o	o
	Wireless controller	o	o	o	o	o	o	o	o ⁴	o ⁴
Others	Condensate lift				√	√	√	√	√	√
	Ventilation air				√		√ ⁵	√ ⁵	√	√
	Casing	√	√	√	√	√	√	√		
	Standard grille				√	√	√	√		
	Auto elevation grille							o		
	Suction grille									
	Suction canvas									
Aux. heat kit										

*To enable Generation 4 features, outdoor unit DIP Switch No. 3 must be set to ON. Please refer to the Multi V IV, Multi V Water IV, and Multi V S Engineering Manual for additional information. √ = Standard feature

¹For Heat Recovery systems only.

²Primary washable filters.

³Plasma filter kit accessories available separately.

⁴Requires 7-day programmable zone controller.

⁵Requires ventilation kit PTVK430 or PTVK410+PTVK420 (For TP, TN, TM frames) (Temperature, humidity, and volume limitations apply).

⁶Heat Pump systems only.

OPTIONS AND FEATURES



Table 7: Options and Features, continued.

Feature		Ducted Low Static— Bottom Return	Vert.-Horiz. AHU (NJ)	Vert.-Horiz. AHU (NK)	Ceiling Suspended	Convertible Surface Mount	Floor Mount— Cased	Floor Mount— Uncased
Nominal Chassis Size (MBh)		7-24	12-36	42-53	18-24	9-12	7-24	7-24
Airflow	Air supply outlets	1	1	1	1	1	1	1
	Airflow direction (left/right)				manual	manual		
	Auto airflow direction (up/down)				√	√		
	Fan speed (Heating mode)	3	3	3	3	3	3	3
	Fan speed (Cooling mode)	3	3	3	4	4	3	3
	Fan speed (fan mode)	3	3	3	3	3	3	3
	Chaos swing (random louver swing)							
	Chaos wind (random fan speed)				√	√		
	Jet-cool (power cooling)				√	√		
Operation	E.S.P. control	√	√	√				
	Auto-restart after power restore	√	√	√	√	√	√	√
	Hot start	√	√	√	√	√	√	√
	Diagnostics	√	√	√	√	√	√	√
	Auto changeover ¹	√	√	√	√	√	√	√
	Auto operation ⁶	√	√	√	√	√	√	√
	Auto clean (coil dry)							
	Child lock	√	√	√	√	√	√	√
	Dual thermistor control	√	√	√	√	√	√	√
	Dual set-point control*	√	√	√	√	√	√	√
	Filter life display*	√	√	√	√	√	√	√
	Power consumption display (with PDI)*	√	√	√	√	√	√	√
	External on/off control*	√	√	√	√	√	√	√
	Forced operation				√	√		
	Group control – Requires the use of one Group control cable kit (PZCWRCG3) for every additional indoor unit	√	√	√	√	√	√	√
	Timer (on/off)	√	√	√	√	√	√	√
Weekly schedule	√	√	√	√	√	√	√	
Test operation mode	√	√	√	√	√	√	√	
Filter	Plasma ³							
	Washable anti-fungal ²	√			√	√	√	√
Controllers	7-day programmable controller	0			0	0	0	0
	Simple controller w/mode	0	0	0	0	0	0	0
	Simple controller w/o mode	0	0	0	0	0	0	0
	Wireless controller	0 ⁴	0	0	0	0	0 ⁴	0 ⁴
Others	Condensate lift	√						
	Ventilation air	√						
	Casing				√	√	√	
	Standard grille							
	Auto elevation grille							
	Suction grille	0						
	Suction canvas	0						
Aux. heat kit		√	√					

*To enable Generation 4 features, outdoor unit DIP Switch No. 3 must be set to ON. Please refer to the Multi V IV, Multi V Water IV Engineering Manual for additional information.

√ = Standard feature
0 = Unit option

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⁵Requires ventilation kit PTVK430 or PTVK410+PTVK420 (For TP, TN, TM frames)(Temperature, humidity, and volume limitations apply).

⁶Heat Pump systems only.



Inverter



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