

Single-Zone Systems

Tempo Series -4°F (-20°C)

Wall Mount	Size	Indoor Model	Outdoor Model	AHRI #	Heating Range BTUH	Max Heat @ -4°F	SEER/EER/HSPF	Line set S x D	Min/Max Line Length	Fuse	Controller S = Ships with O = Optional		
	9K	AW09TE1VHA	1U09TE1VHA	10191421	4,100-12,000	5,100	16/11/9	1/4"x3/8"	10' / 66'	20	S	O ²	O ³
	12K	AW12TE1VHA	1U12TE1VHA	10191422	4,500-16,000	6,200	16/11/9	1/4"x3/8"	10' / 66'	20	S	O ²	O ³
	18K	AW18TE2VHA	1U18TE2VHA	10191423	5,400-22,000	9,500	16/10/9	1/4"x1/2"	10' / 83'	20	S	O ²	O ³
	24K	AW24TE2VHA	1U24TE2VHA	10191424	6,800-28,000	12,900	16/10/9	1/4"x1/2"	10' / 83'	25	S	O ²	O ³

Advanced Plus Series -15°F (-26°C)

Wall Mount	Size	Indoor Model	Outdoor Model	AHRI #	Heating Range BTUH	Max Heat @ -15°F	SEER/EER/HSPF	Line set S x D	Min/Max Line Length	Fuse	Controller S = Ships with O = Optional		
	9K	AW09ES2VHB	1U09AP2VHA	202583709	3,800-15,600	6,500	23.5/14.5/10.5	1/4"x 3/8"	10' / 50'	15	S	O ²	O ³
	12K	AW12ES2VHB	1U12AP2VHA	202583711	3,900-20,000	7,500	23/12.5/11	1/4"x 3/8"	10' / 50'	15	S	O ²	O ³
	15K	AW15ES2VHB	1U15AP2VHA	202583712	4,000-26,000	10,000	21.5/12.5/10.5	1/4"x 1/2"	10' / 83'	20	S	O ²	O ³
	18K	AW18ES2VHB	1U18AP2VHA	202583710	4,000-30,000	12,000	21/12.5/10.5	1/4"x 1/2"	10' / 83'	20	S	O ²	O ³
	24K	AW24ES2VHB	1U24AP2VHA	202583713	6,200-36,000	14,000	20/12.5/10	1/4"x 1/2"	10' / 83'	30	S	O ²	O ³

Arctic Series -22°F (-30°C)

Wall Mount	Size	Indoor Model	Outdoor Model	AHRI #	Heating Range BTUH	Max Heat @ -22°F	SEER/EER/HSPF	Line set S x D	Min/Max Line Length	Fuse	Controller S = Ships with O = Optional		
	9K	AW09EH2VHA	1U09EH2VHA	8862047	3,100-22,000	10,800	28/15.5/13	1/4"x 3/8"	10' / 66'	15	S	O ²	O ³
	12K	AW12EH2VHA	1U12EH2VHA	8862052	3,100-22,200	12,200	25/13/12	1/4"x 3/8"	10' / 66'	15	S	O ²	O ³
	18K	AW18EH2VHA	1U18EH2VHA	8862057	5,400-26,400	15,200	20/12.5/10	1/4"x 1/2"	10' / 66'	25	S	O ²	O ³





Arctic NextGen Series -31°F (-35°C)

Wall Mount	Size	Indoor Model	Outdoor Model	AHRI #	Heating Range BTUH	Max Heat @ -22°F	SEER/EER/HSPF	Line set S x D	Min/Max Line Length	Fuse	Controller S = Ships with O = Optional		
	Built-in WiFi	AW09EH2VHD	1U09EH2VHD	205291901	3,100-20,000	7,400	30/16.6/15.2	1/4"x 1/2"	10' / 50'	25	S	O	O
		AW12EH2VHD	1U12EH2VHD	205291902	3,100-22,000	12,400	27/15.0/13.0	1/4"x 1/2"	10' / 50'	25	S	O	O
		AW18EH2VHD	1U18EH2VHD	205291903	8,700-27,000	17,200	23/13.0/12.0	1/4"x 1/2"	10' / 83'	30	S	O	O

Single-Zone Systems






FlexFit Single Zone Series

Wall Mount	Size	Indoor Model	Outdoor Model	AHRI #	Heating Range BTUH	Max Heat @ 5°F	SEER/EER/HSPF	Line set S x D	Min/Max Line Length	Fuse	Controller S = Ships with O = Optional
	12K	AW12LC2VHB	1U12LC2VHA	10069252	5,120-13,990	7,300	18/10.5/9.5	1/4" x 3/8"	10' / 50'	15	S O ² O ¹
	18K	AW18LC2VHB	1U18LC2VHA	10074591	5,400-20,400	9,520	18/11/9.0	1/4" x 1/2"	10' / 83'	20	S O ² O ¹
	Size	Indoor Model	Outdoor Model	AHRI #	Heating Range BTUH	Max Heat @ -4°F	SEER/EER/HSPF	Line set S x D	Min/Max Line Length	Fuse	Controller S = Ships with O = Optional
	24K	AW24LP2VHA	1U24LP2VHA	10221212	6,800-34,100	18,530	17/10/10	3/8" x 5/8"	10' / 165'	25	S O ² O ¹
	36K	AW36LP2VHA	1U36LP2VHA	10225937	8,500-41,000	25,760	17/8.6/10	3/8" x 5/8"	10' / 165'	30	S O ² O ¹
	Size	Indoor Model	Outdoor Model	AHRI #	Heating Range BTUH	Max Heat @ 5°F	SEER/EER/HSPF	Line set S x D	Min/Max Line Length	Fuse	Controller S = Ships with O = Optional
	12K	AB12LC2VHA	1U12LC2VHA	8005897	5,000-13,000	7,300	16/10/9	1/4" x 3/8"	10' / 50'	15	S O O
	18K	AB18LC2VHA	1U18LC2VHA	10257474	5,400-18,000	9,520	16/9/9	1/4" x 1/2"	10' / 83'	20	S O O
PB-700KB grille required for Cassette. Condensate pump included.											
	Size	Indoor Model	Outdoor Model	AHRI #	Heating Range BTUH	Max Heat @ 5°F	SEER/EER/HSPF	Line set S x D	Min/Max Line Length	Fuse	Controller S = Ships with O = Optional
	12K	AD12SL2VHB	1U12LC2VHA	10257472	5,000-13,000	7,300	16/9/8.2	1/4" x 3/8"	10' / 50'	15	S O
	18K	AD18SL2VHB	1U18LC2VHA	10257475	5,400-18,000	9,520	15/9/9.5	1/4" x 1/2"	10' / 83'	20	S O
	Size	Indoor Model	Outdoor Model	AHRI #	Heating Range BTUH	Max Heat @ -4°F	SEER/EER/HSPF	Line set S x D	Min/Max Line Length	Fuse	Controller S = Ships with O = Optional
	24K	AL24LP2VHA	1U24LP2VHA	10225933	6,800-30,500	15,030	17/11.5/10	3/8" x 5/8"	10' / 165'	25	S O O
	36K	AL36LP2VHA	1U36LP2VHA	10225936	8,500-38,500	18,780	17/10/10.3	3/8" x 5/8"	10' / 165'	30	S O O
	48K	AL48LP2VHA	1U48LP2VHA	10225938	13,600-61,000	28,890	17/10.5/10.5	3/8" x 5/8"	10' / 230'	40	S O O
PB-950KB grille required for Cassette. Condensate pump included.											
	Size	Indoor Model	Outdoor Model	AHRI #	Heating Range BTUH	Max Heat @ -4°F	SEER/EER/HSPF	Line set S x D	Min/Max Line Length	Fuse	Controller S = Ships with O = Optional
	24K	AM24LP2VHA	1U24LP2VHA	10225932	6,800-34,100	15,780	17/11/11	3/8" x 5/8"	10' / 165'	25	S O
	36K	AM36LP2VHA	1U36LP2VHA	10225935	8,500-41,000	21,120	17/10/10.5	3/8" x 5/8"	10' / 165'	30	S O
	48K	AM48LP2VHA	1U48LP2VHA	10225939	13,600-64,800	27,680	16.9/10.5/10	3/8" x 5/8"	10' / 230'	40	S O

Multi-Zone Systems

Arctic Multi Zone Series -15°F (-26°C)

	Size	Outdoor Model	Max Line All Comb.	Range BTUH Non Ducted	Max Heat @ -15°F	AHRI # Non Ducted	SEER/EER/HSPF Non Ducted	Fuse	
	20K	2U20EH2VHA	164'	8,000-23,000	17,000	202449649	17/12.5/10.5	25	
24K	3U24EH2VHA	196'	8,000-30,600	18,000	202449650	18.5/12.5/10.5	25		
36K	4U36EH2VHA	230'	8,000-39,000	25,000	204878399	20/12.5/10.5	40		
Wall Mount	Size	Indoor Model	Line set S x D	Controller S = Ships with O = Optional	Wall Mount	Size	Indoor Model	Line set S x D	Controller S = Ships with O = Optional
	7K	AW07EH2VHA	1/4" x 3/8"	S O ² O ³		7K	AW07LC2VHB	1/4" x 3/8"	S O ² O ³
	9K	AW09EH2VHA	1/4" x 3/8"	S O ² O ³		9K	AW09LC2VHB	1/4" x 3/8"	S O ² O ³
	12K	AW12EH2VHA	1/4" x 3/8"	S O ² O ³		12K	AW12LC2VHB	1/4" x 3/8"	S O ² O ³
	18K	AW18EH2VHA	1/4" x 1/2"	S O ² O ³		18K	AW18LC2VHB	1/4" x 1/2"	S O ² O ³
	24K	AW24LP2VHA	3/8" x 5/8"	S O ² O ³		24K	AW24LP2VHA	3/8" x 5/8"	S O ² O ³








Arctic Multi outdoor units are also compatible with Slim Duct, Cassette, Console and Mid-Static Duct indoor models.

FlexFit Multi Zone Series -4°F (-20°C)

	Size	Outdoor Model	Max Line All Comb.	Range BTUH Non Ducted	Max Heat @ -4°F	"SEER/EER/HSPF Non Ducted"	"AHRI# Non Ducted / Ducted / Mixed"			Fuse
	18K	2U18MS2VHB	100'	6,100-15,000	10,920	18/9/10	8067632	8067633	8067634	25
24K	3U24MS2VHB	200'	6,100-21,500	13,500	18/10/10	8067004	8067351	8067394	25	
36K	4U36MS2VHB	230'	5,000-36,000	17,640	16/10.5/9	8066750	8066788	8067003	30	
Wall Mount	Size	Indoor Model	Line set S x D	Controller S = Ships with O = Optional	Slim Duct	Size	Indoor Model	Line set S x D	Controller S = Ships with O = Optional	
	7K	AW07LC2VHB	1/4" x 3/8"	S O ² O ³ O ⁴		7K	AD07SL2VHB	1/4" x 3/8"	S O ² O ³ O ⁴	
	9K	AW09LC2VHB	1/4" x 3/8"	S O ² O ³ O ⁴		9K	AD09SL2VHB	1/4" x 3/8"	S O ² O ³ O ⁴	
	12K	AW12LC2VHB	1/4" x 3/8"	S O ² O ³ O ⁴		12K	AD12SL2VHB	1/4" x 3/8"	S O ² O ³ O ⁴	
	18K	AW18LC2VHB	1/4" x 1/2"	S O ² O ³ O ⁴		18K	AD18SL2VHB	1/4" x 1/2"	S O ² O ³ O ⁴	
	24K	AW24LP2VHA1	3/8" x 5/8"	S O ² O ³ O ⁴		24K	AM24LP2VHA1	3/8" x 5/8"	S O ² O ³ O ⁴	
Cassette 2' x 2'	Size	Indoor Model	Line set S x D	Controller S = Ships with O = Optional	Cassette 3' x 3'	Size	Indoor Model	Line Set S x D	Controller S = Ships with O = Optional	
	9K	AB09SC2VHA	1/4" x 3/8"	S O ² O ³ O ⁴		24K	AL24LP2VHA1	3/8" x 5/8"	S O ² O ³ O ⁴	
	12K	AB12SC2VHA	1/4" x 3/8"	S O ² O ³ O ⁴						
	18K	AB18SC2VHA	1/4" x 1/2"	S O ² O ³ O ⁴						
PB-700KB grille required. Condensate pump included					PB-950KB grille required. Condensate pump included					
Console Unit	Size	Indoor Model	Line set S x D	Controller S = Ships with O = Optional	Mid-Static Duct (Must order controller separately)					
	9K	USYF09U	1/4" x 3/8"	S O ² O ³ O ⁴		9K	USYM09UCDSA	1/4" x 3/8"	O ² O ³ O ⁴	
	12K	USYF12U	1/4" x 3/8"	S O ² O ³ O ⁴		12K	USYM12UCDSA	1/4" x 3/8"	O ² O ³ O ⁴	
	18K	USYF18U	1/4" x 1/2"	S O ² O ³ O ⁴		18K	USYM18UCDSA	1/4" x 1/2"	O ² O ³ O ⁴	
	24K	USYM24UCDSA	3/8" x 5/8"	O ² O ³ O ⁴		24K	USYM24UCDSA	3/8" x 5/8"	O ² O ³ O ⁴	


¹ When FlexFit Series 24K indoor matches with the 4U36MS2VHB, adapters are required and need to be purchased separately 1/4" to 3/8" (WJ01X23925); 3/8" to 5/8" (WJ01X23924); 1/2" to 5/8" (WJ01X23932)

² WK-B kit is required for all Wall Mount models connected to a wired control.



WJ26X26373 (YR-HQ)	WJ01X24721 (YR-HG)	YR-HBS01	YR-E17	YR-E16B	QACT17A	QAWF01A
Infrared	Infrared	Infrared	Wired	Wired	Wired	WiFi
						

Multi-Zone Compatibility Matrix

2U18MS2VHB 2U20EH2VHA



Zones	Combinations		Total System Capacity
	Unit A	Unit B	
TWO ZONES	7K	7K	14K
 Unit A	7K	9K	16K
	9K	9K	18K
	7K	12K	19K
	9K	12K	21K
Unit B	12K	12K	24K

3U24MS2VHB 3U24EH2VHA

Zones	Combinations			Total System Capacity	
	Unit A	Unit B	Unit C		
TWO ZONE	—	7K	7K	14K	
 Unit B	—	7K	9K	16K	
	—	9K	9K	18K	
	—	7K	12K	19K	
	—	9K	12K	21K	
	—	12K	12K	24K	
	Unit C	—	7K	18K	25K
	—	9K	18K	27K	
	—	12K	18K	30K	
THREE ZONE	7K	7K	7K	21K	
 Unit A	7K	7K	9K	23K	
	7K	9K	9K	25K	
	7K	7K	12K	26K	
	9K	9K	9K	27K	
	Unit B	7K	9K	12K	28K
	Unit B	9K	9K	12K	30K
	Unit C	7K	12K	12K	31K*
	Unit C	7K	7K	18K	32K*
	—	9K	12K	12K	33K*

* All indoor units must be FlexFit models

4U36MS2VHB 4U36EH2VHA

Zones	Combinations				Total System Capacity	
	Unit A	Unit B	Unit C	Unit D		
TWO ZONES	—	—	9K	18K	27K	
 Unit C	—	—	12K	18K	30K	
	—	—	7K	24K	31K	
	—	—	9K	24K	33K	
	—	—	12K	24K	36K	
	Unit D	—	—	18K	18K	36K
	—	—	24K	18K	42K	
	—	—	24K	24K	48K*	
	—	9K	9K	9K	27K	
	—	7K	9K	12K	28K	
	—	9K	9K	12K	30K	
	—	7K	12K	12K	31K	
	THREE ZONE	—	7K	7K	18K	32K
	 Unit B	—	9K	12K	12K	33K
		—	7K	9K	18K	34K
		—	9K	9K	18K	36K
		—	12K	12K	12K	36K
Unit C		—	7K	12K	18K	37K
—		7K	7K	24K	38K	
—		9K	12K	18K	39K	
Unit D		—	7K	9K	24K	40K
—		9K	9K	24K	42K	
—		12K	12K	18K	42K	
—		7K	12K	24K	43K	
—		9K	12K	24K	45K	
—		12K	12K	24K	48K*	
—		12K	18K	18K	48K*	
7K		7K	7K	7K	28K	
7K		7K	7K	9K	30K	
7K	7K	9K	9K	32K		
7K	7K	7K	12K	33K		
7K	9K	9K	9K	34K		
7K	7K	9K	12K	35K		
9K	9K	9K	9K	36K		
7K	9K	9K	12K	37K		
7K	7K	12K	12K	38K		
7K	7K	7K	18K	39K		
9K	9K	9K	12K	39K		
7K	9K	12K	12K	40K		
7K	7K	9K	18K	41K		
9K	9K	12K	12K	42K		
7K	9K	9K	18K	43K		
7K	12K	12K	12K	43K		
7K	7K	12K	18K	44K		
7K	7K	7K	24K	45K		
9K	9K	9K	18K	45K		
9K	12K	12K	12K	45K		
7K	7K	9K	24K	47K*		
9K	9K	12K	18K	48K*		
12K	12K	12K	12K	48K*		

* All indoor units must be FlexFit models

