

## JXH20J2B / AJ020BXJ2CH/AA



**Capacity**  
Cooling (standard) – 18,000  
Cooling (max.) – 18,000  
Heating (standard) – 22,000  
Heating (max.) – 26,400

**Pipe Length**  
Max. Single Line Set Length – 82 ft.  
Max. Total Line Set Length – 164 ft.  
Max. Vertical Separation (ODU to IDU) – 49 ft.  
Max. Vertical Separation (IDU to IDU) – 25 ft.

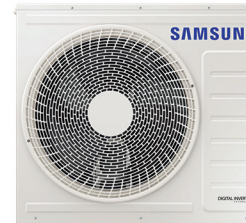
Only 1 Duct S (AJ0\*\*BNHDCH/AA) unit can be connected to a single FJM outdoor unit.

Applies to outdoor units manufactured after 4/30/2022.

\*Compatible combination that includes 1 X MPAH (AC012BNZDCH/AA) unit.

Unit Qty.	Indoor Nominal Capacity (K Btu/h)		Duct S / MPAH Compatibility*		Connected Capacity (K Btu/h)
	A	B	Duct S	MPAH	
2	7	7			14
	7	9			16
	7	12		•	19
	7	15			22
	9	9			18
	9	12		•	21
	9	15			24
	12	12			24
	12	15			27

## JXH24J3B / AJ024BXJ3CH/AA



**Capacity**  
Cooling (standard) – 22,000  
Cooling (max.) – 22,000  
Heating (standard) – 25,000  
Heating (max.) – 29,600

**Pipe Length**  
Max. Single Line Set Length – 82 ft.  
Max. Total Line Set Length – 230 ft.  
Max. Vertical Separation (ODU to IDU) – 49 ft.  
Max. Vertical Separation (IDU to IDU) – 25 ft.

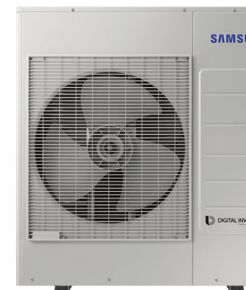
Only 1 X MPAH (AC0\*\*BNZDCH/AA) OR 1 X Duct S (AJ0\*\*BNHDCH/AA) unit can be connected to a single FJM outdoor unit.

Applies to outdoor units manufactured after 4/30/2022.

\*Compatible combination that includes 1 X MPAH (AC0\*\*BNZDCH/AA) OR 1 X Duct S (AJ0\*\*BNHDCH/AA) unit.

Unit Qty.	Indoor Nominal Capacity (K Btu/h)			Duct S / MPAH Compatibility*		Connected Capacity (K Btu/h)	
	A	B	C	Duct S	MPAH		
2	7	7				14	
	7	9		•		16	
	7	12		•	•	19	
	7	15		•		22	
	9	9		•	•	18	
	9	12		•	•	21	
	9	15		•		24	
	9	18				27	
	12	12		•	•	24	
	12	15				27	
	12	18				30	
	15	15				30	
	3	7	7	7			21
		7	7	9			23
7		7	12			26	
7		7	15			29	
7		9	9			25	
7		9	12			28	
9		9	15			31	
9		9	9			27	
9		9	12			30	

## JXH36J4B / AJ036BXJ4CH



**Capacity**  
Cooling (standard) – 32,000  
Cooling (max.) – 36,000  
Heating (standard) – 36,000  
Heating (max.) – 42,000

**Pipe Length**  
Max. Single Line Set Length – 82 ft.  
Max. Total Line Set Length – 230 ft.  
Max. Vertical Separation (ODU to IDU) – 49 ft.  
Max. Vertical Separation (IDU to IDU) – 25 ft.

Only 1 X MPAH (AC0\*\*BNZDCH/AA) OR 1 X Duct S (AJ0\*\*BNHDCH/AA) unit can be connected to a single FJM outdoor unit.

Applies to outdoor units manufactured after 4/30/2022.

\*Compatible combination that includes 1 X MPAH (AC0\*\*BNZDCH/AA) OR 1 X Duct S (AJ0\*\*BNHDCH/AA) unit.

Unit Qty.	Indoor Nominal Capacity (K Btu/h)				Duct S / MPAH Compatibility*		Connected Capacity (K Btu/h)
	A	B	C	D	Duct S	MPAH	
2	7	7					14
	7	9			•		16
	7	12			•	•	19
	7	15			•		22
	7	18			•	•	25
	7	24			•	•	31
	9	9			•		18
	9	12			•	•	21
	9	15			•		24
	9	18			•	•	27
	9	24			•	•	33
	12	12			•	•	24
	12	15			•	•	27
	12	18			•	•	30
	12	24			•	•	36
	15	15			•		30
	15	18			•	•	33
	15	24			•	•	39
18	18			•	•	36	
3	7	7	7				21
	7	7	9			•	23
	7	7	12			•	26
	7	7	15			•	29
	7	7	18			•	32
	7	7	24				38
	7	9	9			•	25
	7	9	12			•	28
	7	9	15			•	31
	7	9	18			•	34
	7	9	24				40
	7	12	12			•	31
	7	12	15			•	34
	7	12	18				37
	7	12	24				43
	7	15	15				37
	7	15	18				40
	7	18	18				43
9	9	9				36	

## JXH36J4B / AJ036BXJ4CH/AA (continued)

Unit Qty.	Indoor Nominal Capacity (K Btu/h)				Duct S / MPAH Compatibility*		Connected Capacity (K Btu/h)
	A	B	C	D	Duct S	MPAH	
3	9	9	12		•	•	30
	9	9	15		•		33
	9	9	18		•	•	36
	9	9	24				42
	9	12	12		•	•	33
	9	12	15		•	•	36
	9	12	18				39
	9	12	24				45
	9	15	15				39
	9	15	18				42
	9	18	18				45
	12	12	12		•	•	36
	12	12	15				39
	12	12	18				42
	12	15	15				42
12	15	18				45	
15	15	15				45	
4	7	7	7	7			28
	7	7	7	9			30
	7	7	7	12			33
	7	7	7	15			36
	7	7	7	18			39
	7	7	7	24			45
	7	7	9	9			32
	7	7	9	12			35
	7	7	9	15			38
	7	7	9	18			41
	7	7	12	12			38
	7	7	12	15			41
	7	7	12	18			44
	7	7	12	24			44
	7	9	9	9			34
	7	9	9	12			37
	7	9	9	15			40
	7	9	9	18			43
	7	9	12	12			40
	7	9	12	15			43
	7	12	12	12			43
	9	9	9	9			36
	9	9	9	12			39
	9	9	9	15			42
9	9	9	18			45	
9	9	12	12			42	
9	9	12	15			45	
9	12	12	12			45	

## Compatible Indoor Units



**Console**  
9K / 12K / 15K / 18K



**Slim Duct**  
9K / 12K / 18K



**WindFree™ Mini 4-Way Cassette**  
9K / 12K / 18K



**Multi-Position Air Handler**  
12K / 18K / 24K



**Duct S**  
9K / 12K / 15K / 18K



**WindFree™ 1-Way Cassette**  
9K / 12K



**WindFree™ 3.0e**  
7K / 9K / 12K / 15K / 18K / 24K



**WindFree™ 3.0i**  
7K / 9K / 12K / 15K / 18K / 24K

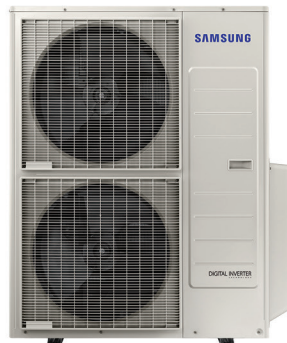


**WindFree™ 3.0**  
7K / 9K / 12K / 15K / 18K / 24K

Capacities shown in Btu/h

\*The WindFree™ unit delivers an air current that is under 0.15 m/s while in WindFree™ mode. Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers). Refer to supporting technical data book (TDB) for indoor unit compatibility available at SamsungHVAC.com. ©2023 Samsung HVAC. FJM-CG 04.2023

## JXH48J5B / AJ048BXJ5CH/AA



### Capacity

Cooling (standard) – 47,000  
Cooling (max.) – 48,500  
Heating (standard) – 48,500  
Heating (max.) – 53,600

### Pipe Length

Max. Single Line Set Length – 82 ft.  
Max. Total Line Set Length – 230 ft.  
Max. Vertical Separation (ODU to IDU) – 49 ft.  
Max. Vertical Separation (IDU to IDU) – 25 ft.

Only 1 X MPAH (AC0\*\*BNZDCH/AA) OR 1 X Duct S (AJ0\*\*BNHDCH/AA) unit can be connected to a single FJM outdoor unit.

Applies to outdoor units manufactured after 4/30/2022.

\*Compatible combination that includes 1 X MPAH (AC0\*\*BNZDCH/AA) OR 1 X Duct S (AJ0\*\*BNHDCH/AA) unit.

Unit Qty.	Indoor Nominal Capacity (K Btu/h)					Duct S / MPAH Compatibility*		Connected Capacity (K Btu/h)
	A	B	C	D	E	Duct S	MPAH	
2	7	7						14
	7	9				•		16
	7	12				•	•	19
	7	15				•		22
	7	18				•	•	25
	7	24					•	31
	9	9				•		18
	9	12				•	•	21
	9	15				•		24
	9	18				•	•	27
	9	24				•	•	33
	12	12				•	•	24
	12	15				•	•	27
	12	18				•	•	30
	12	24				•	•	36
	15	15				•		30
	15	18				•	•	33
	15	24				•	•	39
	18	18				•	•	36
	18	24				•	•	42
24	24					•	48	
3	7	7	7			•		21
	7	7	9			•	•	23
	7	7	12			•	•	26
	7	7	15			•		29
	7	7	18			•	•	32
	7	7	24				•	38
	7	9	9			•		25
	7	9	12			•	•	28
	7	9	15			•		31
	7	9	18			•	•	34
	7	9	24			•	•	40
	7	12	12			•	•	31
	7	12	15			•	•	34
	7	12	18			•	•	37
7	12	24			•	•	43	

## JXH48J5B / AJ048BXJ5CH/AA (continued)

Unit Qty.	Indoor Nominal Capacity (K Btu/h)					Duct S / MPAH Compatibility*		Connected Capacity (K Btu/h)
	A	B	C	D	E	Duct S	MPAH	
3	7	15	15			•		37
	7	15	18			•	•	40
	7	15	24			•	•	46
	7	18	18			•	•	43
	7	18	24					49
	7	24	24					55
	9	9	9			•		27
	9	9	12			•	•	30
	9	9	18			•	•	36
	9	9	24			•	•	42
	9	12	12			•	•	33
	9	12	15			•	•	36
	9	12	18			•	•	39
	9	12	24			•	•	45
	9	15	15			•		39
	9	15	18			•	•	42
	9	15	24			•	•	48
	9	18	18			•	•	45
	9	18	24					51
	9	24	24					57
	12	12	12			•	•	36
	12	12	15			•	•	39
	12	12	18			•	•	42
	12	12	24			•	•	48
	12	15	15			•	•	42
	12	15	18			•	•	45
	12	15	24			•	•	51
	12	18	18			•	•	48
	12	18	24			•	•	54
	15	15	15			•		45
15	15	18			•	•	48	
15	15	24					54	
15	18	18					51	
15	18	24					57	
18	18	18					54	
4	7	7	7	7				28
	7	7	7	9		•		30
	7	7	7	12		•	•	33
	7	7	7	15		•		36
	7	7	7	18		•	•	39
	7	7	7	24		•	•	45
	7	7	9	9		•		32
	7	7	9	12		•	•	35
	7	7	9	15		•		38
	7	7	9	18		•	•	41
	7	7	9	24		•	•	47
	7	7	12	12		•	•	38
	7	7	12	15		•	•	41
	7	7	12	18		•	•	44
7	7	12	24				50	
7	7	15	15		•		44	
7	7	15	18		•	•	47	
7	7	15	24				53	

## JXH48J5B / AJ048BXJ5CH/AA (continued)

Unit Qty.	Indoor Nominal Capacity (K Btu/h)					Duct S / MPAH Compatibility*		Connected Capacity (K Btu/h)
	A	B	C	D	E	Duct S	MPAH	
4	7	7	18	18				50
	7	7	18	24				56
	7	9	9	9		•		34
	7	9	9	12		•	•	37
	7	9	9	15		•		40
	7	9	9	18		•	•	43
	7	9	9	24				49
	7	9	12	12		•	•	40
	7	9	12	15		•	•	43
	7	9	12	18		•	•	46
	7	9	12	24				52
	7	9	15	15		•		46
	7	9	15	18				49
	7	9	15	24				55
	7	9	18	18				52
	7	12	12	12		•	•	43
	7	12	12	15		•	•	46
	7	12	12	18				49
	7	12	12	24				55
	7	12	15	15				49
	7	12	15	18				52
	7	12	18	18				55
	7	15	15	15				52
	7	15	15	18				55
	9	9	9	9		•		36
	9	9	9	12		•	•	39
	9	9	9	15		•		42
	9	9	9	18		•	•	45
	9	9	9	24				51
	9	9	12	12		•	•	42
9	9	12	15		•	•	45	
9	9	12	18		•	•	48	
9	9	12	24				54	
9	9	15	15		•		48	
9	9	15	18				51	
9	9	15	24				57	
9	9	18	18		•	•	45	
9	9	18	24				51	
9	9	24	24				57	
12	12	12	12		•	•	48	
12	12	12	15				51	
12	12	12	18				54	
12	12	12	24				60	
12	12	15	15				54	
12	12	15	18				57	
12	15	15	15				57	
5	7	7	7	7	7		35	

## JXH48J5B / AJ048BXJ5CH/AA (continued)

Unit Qty.	Indoor Nominal Capacity (K Btu/h)					Duct S / MPAH Compatibility*		Connected Capacity (K Btu/h)
	A	B	C	D	E	Duct S	MPAH	
5	7	7	7	7	9			37
	7	7	7	7	12			40
	7	7	7	7	15			43
	7	7	7	7	18			46
	7	7	7	7	24			52
	7	7	7	9	9			39
	7	7	7	9	12			42
	7	7	7	9	15			45
	7	7	7	9	18			48
	7	7	7	9	24			54
	7	7	7	12	12			45
	7	7	7	12	15			48
	7	7	7	12	18			51
	7	7	7	12	24			57
	7	7	7	15	15			51
	7	7	7	15	18			54
	7	7	7	18	18			57
	7	7	9	9	9			41
	7	7	9	9	12			44
	7	7	9	9	15			47
	7	7	9	9	18			50
	7	7	9	9	24			56
	7	7	9	12	12			47
	7	7	9	12	15			50
	7	7	9	12	18			53
	7	7	9	12	24			59
	7	7	9	15	15			56
	7	7	9	15	18			59
	7	7	9	15	24			65
	7	7	9	18	18			62
7	7	9	18	24			68	
7	7	12	12	12			50	
7	7	12	12	15			53	
7	7	12	12	18			56	
7	7	12	15	15			56	
7	9	9	9	9			43	
7	9	9	9	12			46	
7	9	9	9	15			49	
7	9	9	9	18			52	
7	9	9	9	24			58	
7	9	9	12	12			49	
7	9	9	12	15			52	
7	9	9	12	18			55	
7	9	9	12	24			61	
7	9	9	15	15			55	
7	9	9	15	18			58	
7	9	9	15	24			64	
7	9	9	18	18			61	
7	9	9	18	24			67	
7	9	9	24	24			73	
9	9	9	9	9			48	
9	9	9	9	12			51	
9	9	9	9	15			54	
9	9	9	9	18			57	
9	9	9	9	24			63	
9	9	9	12	12			54	
9	9	9	12	15			57	
9	9	9	12	18			60	
9	9	9	12	24			66	
9	9	9	15	15			60	
9	9	9	15	18			63	
9	9	9	15	24			69	
9	9	9	18	18			66	
9	9	9	18	24			72	
9	9	9	24	24			78	
9	12	12	12	12			57	