

JXG20S3D | AJ020DXS3CG/AA



Capacity Index: 21
Rated Capacity:
Cooling (Btu/h): 21,000
Heating (Btu/h): 22,000
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.

No additional refrigerant is required during installation

*Compatible with up to two (2) MPAH (AJ0**DNZDCG/AA) and/or Duct S (AJ0**DNHDCG/AA) units only when the following are observed:

When one (1) MPAH (AJ0**DNZDCG/AA) or Duct S (AJ0**DNHDCG/AA) unit is connected, the system may be mixed with other indoor unit types if the sum of the indoor unit nominal capacity does not exceed the capacity index noted above. The maximum indoor unit quantity will also be reduced by one (1) unit.

If the combination includes two (2) MPAH (AJ0**DNZDCG/AA) and/or Duct S (AJ0**DNHDCH/AA) units, the capacity index cannot be exceeded and no other indoor units may be connected.

Unit Qty.	Indoor Nominal Capacity (K Btu/h)			Duct S / MPAH Compatibility*	Connected Capacity (K Btu/h)
	A	B	C		
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
3	7	7	7		21
	7	7	9		23
	7	7	12		26
	7	9	9		25
	9	9	9		27

JXG24S4D | AJ024DXS4CG/AA



Capacity Index: 24
Rated Capacity:
Cooling (Btu/h): 25,000
Heating (Btu/h): 25,000
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.

No additional refrigerant is required during installation

*Compatible with up to two (2) MPAH (AJ0**DNZDCG/AA) and/or Duct S (AJ0**DNHDCG/AA) units only when the following are observed:

When one (1) MPAH (AJ0**DNZDCG/AA) or Duct S (AJ0**DNHDCG/AA) unit is connected, the system may be mixed with other indoor unit types if the sum of the indoor unit nominal capacity does not exceed the capacity index noted above. The maximum indoor unit quantity will also be reduced by one (1) unit.

If the combination includes two (2) MPAH (AJ0**DNZDCG/AA) and/or Duct S (AJ0**DNHDCH/AA) units, the capacity index cannot be exceeded and no other indoor units may be connected.

Unit Qty.	Indoor Nominal Capacity (K Btu/h)				Duct S /MPAH Compatibility*	Connected Capacity (K Btu/h)
	A	B	C	D		
2	7	7				14
	7	9			•	16
	7	12			•	19
	7	15			•	22
	7	18				25
	9	9			•	18
	9	12			•	21
	9	15			•	24
	9	18				27
	12	12			•	24
	12	15				27
	12	18				30
	15	15				30
	7	7	7			21
	7	7	9		•	23
3	7	7	12			26
	7	7	15			29
	7	7	18			32
	7	9	9			25
	7	9	12			28
	7	9	15			31
	7	12	12			31
	9	9	9			27
	9	9	12			30
	7	7	7	7		28
4	7	7	7	9		30
	7	7	9	9		32

JXG30S4D | AJ030DXS4CG/AA



Capacity Index: 30
Rated Capacity:
Cooling (Btu/h): 28,400
Heating (Btu/h): 28,600
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.

No additional refrigerant is required during installation

*Compatible with up to two (2) MPAH (AJ0**DNZDCG/AA) and/or Duct S (AJ0**DNHDCG/AA) units only when the following are observed:

When one (1) MPAH (AJ0**DNZDCG/AA) or Duct S (AJ0**DNHDCG/AA) unit is connected, the system may be mixed with other indoor unit types if the sum of the indoor unit nominal capacity does not exceed the capacity index noted above. The maximum indoor unit quantity will also be reduced by one (1) unit.

If the combination includes two (2) MPAH (AJ0**DNZDCG/AA) and/or Duct S (AJ0**DNHDCH/AA) units, the capacity index cannot be exceeded and no other indoor units may be connected.

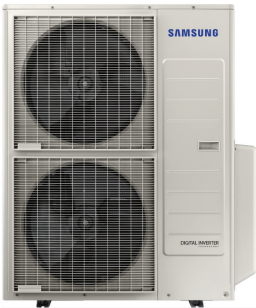
Unit Qty.	Indoor Nominal Capacity (K Btu/h)				Duct S / MPAH Compatibility*	Connected Capacity (K Btu/h)
	A	B	C	D		
2	7	7				14
	7	9			•	16
	7	12			•	19
	7	15			•	22
	7	18			•	25
	7	24				31
	9	9			•	18
	9	12			•	21
	9	15			•	24
	9	18			•	27
	9	24				33
	12	12			•	24
	12	15			•	27
	12	18			•	30
	12	24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

JXG30S4D | AJ030DXS4CG/AA (continued)

Unit Qty.	Indoor Nominal Capacity (K Btu/h)				Duct S / MPAH Compatibility*	Connected Capacity (K Btu/h)
	A	B	C	D		
3	9	9	15			33
	9	9	18			36
	9	12	12			33
	9	12	15			36
	9	12	18			39
	9	15	15			39
	12	12	12			36
	12	12	15			39
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	9	9		32
	7	7	9	12		35
	7	7	9	15		38
	7	7	12	12		38
	7	9	9	9		34
	7	9	9	12		37
	7	9	9	15		40
	7	9	12	12		40
	9	9	9	9		36
	9	9	9	12		39



JXG36S4D | AJ036DXS4CG/AA



Capacity Index: 36
Rated Capacity:
Cooling (Btu/h): 34,000
Heating (Btu/h): 34,600
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.

No additional refrigerant is required during installation

*Compatible with up to two (2) MPAH (AJ0**DNZDCG/AA) and/or Duct S (AJ0**DNHDCG/AA) units only when the following are observed:

When one (1) MPAH (AJ0**DNZDCG/AA) or Duct S (AJ0**DNHDCG/AA) unit is connected, the system may be mixed with other indoor unit types if the sum of the indoor unit nominal capacity does not exceed the capacity index noted above. The maximum indoor unit quantity will also be reduced by one (1) unit.

If the combination includes two (2) MPAH (AJ0**DNZDCG/AA) and/or Duct S (AJ0**DNHDCG/AA) units, the capacity index cannot be exceeded and no other indoor units may be connected.

Unit Qty.	Indoor Nominal Capacity (K Btu/h)				Duct S / MPAH Compatibility*	Connected Capacity (K Btu/h)
	A	B	C	D		
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

JXG36S4D | AJ036DXS4CG/AA (continued)

Unit Qty.	Indoor Nominal Capacity (K Btu/h)				Duct S / MPAH Compatibility*	Connected Capacity (K Btu/h)
	A	B	C	D		
3	7	12	18			37
	7	12	24			43
	7	15	15			37
	7	15	18			40
	7	15	24			46
	7	18	18			43
	9	9	9		•	27
	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	15	24			48
	9	18	18			45
	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	18	18			48
	15	15	15			45
	15	15	18			48
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	15	15		44
	7	7	15	18		47
	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	9	12	18		46
	7	9	15	15		46

JXG36S4D | AJ036DXS4CG/AA (continued)

Unit Qty.	Indoor Nominal Capacity (K Btu/h)				Duct S / MPAH Compatibility*	Connected Capacity (K Btu/h)
	A	B	C	D		
4	7	12	12	12		43
	7	12	12	15		46
	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	9	12	18		48
	9	9	15	15		48
	9	12	12	12		45
	9	12	12	15		48
	12	12	12	12		48

Compatible Indoor Units



Console
AC**DNJDCG/AA¹
9K | 12K | 15K | 18K



Slim Duct
AC**DNLDCG/AA²
9K | 12K | 18K



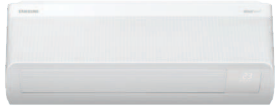
Multi-Position Air Handler
AJ**DNZDCG/AA¹
12K | 18K | 24K



WindFree™[†] Mini 4-Way Cassette
AC**DNNDCG/AA¹
9K | 12K | 18K



WindFree™[†] 1-Way Cassette
AC**DNIDCG/AA¹
9K | 12K



WindFree™[†] Standard
AJ**DNADCG/AA¹
AR**DXFAMWKNCV³
7K | 9K | 12K | 15K | 24K



WindFree™[†] Premium
AR**DXDABWKNCV³
7K | 9K | 12K | 15K | 24K



WindFree™[†] IAQ
AR**DXKAPWKNCV³
7K | 9K | 12K | 15K | 24K



Duct S
AJ**DNHDCG/AA²
9K | 12K | 15K | 18K

Capacities shown in Btu/h

¹ With RDS ² Optional RDS ³ Without RDS

[†]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. FJM-PCG 06.2025 V2
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