

SAMSUNG



2021/2022

Free Joint Multi

Single outdoor unit for up to 5 indoor units connection



Experience ultimate comfort at home or work with **reliable, efficient performance.**

The Samsung multi-split system air conditioner combines efficiency and reliability to deliver outstanding performance in a space-saving design. Supporting up to five indoor units, Samsung Multi-split is a perfectly optimized cooling system for residences and smaller buildings with limited installation space. Its lightweight, small-scale build and one-button auto-addressing enables easy, low-cost installation, while its uniquely quiet design ensures soothing comfort and maximum efficiency.

Free Joint Multi (FJM)



High performance

Rely on smooth, efficient operation with high-performance compressor technology.

Easy installation

Eases installation and minimizes effort with a small footprint and one-button auto-addressing.

Low noise levels

Enjoy a more peaceful home or work environment with quiet operation, thanks to double-layered sound insulation.

Product line-up

Outdoor Units

Capacity (kW)	Model Number	Maximum No. of Rooms	Product Image
5.0	AJ050TXJ2KC/EA	2	
5.8	AJ058TXJ3KC/EA	3	
8.0	AJ080TXJ4KC/EA	4	
10.0	AJ100TXJ5KC/EA	5	
14.0	AJ140TXJ5KC/EA	5	

Indoor Units

Product Type	Capacity (kW)	Product Image
WindFree™ Wall Mounted	2.0	
	2.5	
	3.5	
	5.0	
	6.2	
Wall Mounted	2.0	
	2.5	
	3.5	
	5.0	
	6.5	
WindFree™ 1-Way Cassette	2.6	
	3.5	
WindFree™ 4-Way Cassette (600x600)	2.6	
	3.5	
	5.2	
Duct	2.6	
	3.5	
	5.2	
	7.1	

Combination Table

AJ050TXJ2KC/EA

Unit	Indoor Unit					Cooling Capacity (W)					Capacity			
	A	B	C	D	E	A	B	C	D	E	W			
												MIN	Rated	MAX
1	020					2000						1,250	2,000	2,880
	025					2500						1,250	2,500	3,120
	035					3500						1,250	3,500	4,200
	050					5000						1,250	5,000	5,200
2	020	020				2000	2000					1,300	4,000	4,800
	020	025				2010	2590					1,300	4,600	5,200
	020	035				1840	3160					1,400	5,000	5,400
	020	050				1400	3600					1,400	5,000	5,700
	025	025				2500	2500					1,400	5,000	5,400
	025	035				2140	2860					1,400	5,000	5,700
	025	050				1670	3330					1,400	5,000	5,700
	035	035				2500	2500					1,400	5,000	5,700
	035	050				2000	3000					1,400	5,000	5,700

NOTE

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- Heating capacity is based on 20°CDB (indoor temperature), 7°CDB/6°CWB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - AJ***TNAPKH : Premium WindFree™
- You can not connect a single unit.
- Power consumption include indoor unit power.

AJ058TXJ3KC/EA

Unit	Indoor Unit					Cooling Capacity (W)					Capacity			
	A	B	C	D	E	A	B	C	D	E	W			
												MIN	Rated	MAX
1	020					2000						1,280	2,000	2,880
	025					2500						1,280	2,500	3,120
	035					3500						1,280	3,500	4,200
	050					5000						1,300	5,000	5,800
2	020	020				2000	2000					1,300	4,000	5,000
	020	025				1970	2530					1,300	4,500	5,500
	020	035				1770	3030					1,300	4,800	6,500
	020	050				1400	3600					1,300	5,000	7,000
	025	025				2400	2400					1,300	4,800	6,000
	025	035				2100	2800					1,300	4,900	6,500
	025	050				1730	3470					1,380	5,200	8,000
	035	035				2500	2500					1,300	5,000	7,000
	035	050				2080	3120					1,380	5,200	8,000
3	020	020	020			1870	1870	1870				1,800	5,600	7,200
	020	020	025			1770	1770	2270				1,800	5,800	7,200
	020	020	035			1560	1560	2680				1,800	5,800	8,200
	020	025	025			1620	2090	2090				1,800	5,800	7,500
	020	025	035			1450	1860	2490				1,800	5,800	8,400
	020	035	035			1310	2250	2250				1,800	5,800	8,400
	025	025	025			1930	1930	1930				1,800	5,800	8,400
	025	025	035			1740	1740	2320				1,800	5,800	8,400
	025	035	035			1580	2110	2110				1,800	5,800	8,400
	035	035	035			1930	1930	1930				1,800	5,800	8,400

NOTE

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- Heating capacity is based on 20°CDB (indoor temperature), 7°CDB/6°CWB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - AJ***TNAPKH : Premium WindFree™
- You can not connect a single unit.
- Power consumption include indoor unit power.

AJ080TXJ4KC/EA

Unit	Indoor Unit					Cooling Capacity (W)					Capacity			
	A	B	C	D	E	A	B	C	D	E	W			
												MIN	Rated	MAX
1	020					2000						1,470	2,000	2,900
	025					2500						1,520	2,500	3,300
	035					3500						1,600	3,500	3,700
	050					5000						1,750	5,000	6,300
	068					6200						1,900	6,200	7,000
2	020	020				2000	2000					1,640	4,000	4,800
	020	025				2010	2590					1,690	4,600	5,520
	020	035				2030	3470					1,770	5,500	6,600
	020	050				2020	5180					1,900	7,200	8,640
	020	068				1680	5770					1,900	7,450	8,640
	025	025				2600	2600					1,750	5,200	6,240
	025	035				2610	3490					1,820	6,100	7,320
	025	050				2400	4800					1,900	7,200	8,640
	025	068				2060	5490					1,900	7,550	8,760
	035	035				3500	3500					1,900	7,000	8,000
	035	050				2940	4410					1,900	7,350	8,820
	035	068				2570	5130					1,900	7,700	8,930
	050	050				3830	3830					1,900	7,660	9,180
	050	068				3340	4460					1,900	7,800	8,970
	3	020	020	020			2000	2000	2000				1,810	6,000
020		020	025			2010	2010	2580				1,870	6,600	7,920
020		020	035			1940	1940	3320				1,900	7,200	9,000
020		020	050			1650	1650	4250				1,900	7,550	9,180
020		020	068			1470	1470	5050				1,900	8,000	9,570
020		025	025			1960	2520	2520				1,900	7,000	8,640
020		025	035			1830	2350	3130				1,900	7,310	9,060
020		025	050			1580	2030	4050				1,900	7,650	9,280
020		025	068			1400	1800	4800				1,900	8,000	9,570
020		035	035			1700	2920	2920				1,900	7,540	9,160
020		035	050			1490	2560	3830				1,900	7,880	9,570
020		050	050			1300	3350	3350				1,900	8,000	9,570
025		025	025			2400	2400	2400				1,900	7,200	9,030
025		025	035			2230	2230	2970				1,900	7,420	9,130
025		025	050			1940	1940	3890				1,900	7,770	9,420
025		025	068			1710	1710	4570				1,900	8,000	9,570
025		035	035			2090	2780	2780				1,900	7,650	9,280
025		035	050			1850	2460	3690				1,900	8,000	9,570
035		035	035			2630	2630	2630				1,900	7,890	9,570
035		035	050			2290	2290	3430				1,900	8,000	9,570
4	020	020	020	020		1830	1830	1830	1830			1,900	7,320	9,100
	020	020	020	025		1740	1740	1740	2230			1,900	7,440	9,240
	020	020	020	035		1620	1620	1620	2780			1,900	7,650	9,530
	020	020	020	050		1440	1440	1440	3690			1,900	8,000	10,000
	020	020	025	025		1650	1650	2120	2120			1,900	7,540	9,380
	020	020	025	035		1550	1550	2000	2660			1,900	7,760	9,670
	020	020	025	050		1370	1370	1760	3510			1,900	8,000	10,000
	020	020	035	035		1470	1470	2530	2530			1,900	8,000	10,000
	020	025	025	025		1580	2030	2030	2030			1,900	7,650	9,530
	020	025	025	035		1490	1920	1920	2560			1,900	7,890	10,000
	020	025	025	050		1300	1670	1670	3350			1,900	8,000	10,000
	020	025	035	035		1400	1800	2400	2400			1,900	8,000	10,000
	025	025	025	025		1940	1940	1940	1940			1,900	7,760	9,670
	025	025	025	035		1850	1850	1850	2460			1,900	8,000	10,000
	025	025	035	035		1710	1710	2290	2290			1,900	8,000	10,000

NOTE

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- Heating capacity is based on 20°CDB (indoor temperature), 7°CDB/6°CWB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - AJ***TNAPKH : Premium WindFree™
- You can not connect a single unit.
- Power consumption include indoor unit power.

AJ100TXJ5KC/EA

Unit	Indoor Unit					Cooling Capacity (W)					Capacity		
	A	B	C	D	E	A	B	C	D	E	W		
						MIN			Rated			MAX	
1	020					2000					1,600	2,000	2,600
	025					2500					1,600	2,500	3,200
	035					3500					1,620	3,500	3,800
	050					5000					1,650	5,000	6,300
	068					6200					1,710	6,200	7,600
2	020	020				2000	2000				1,680	4,000	4,900
	020	025				1970	2530				1,680	4,500	5,530
	020	035				2030	3470				1,710	5,500	6,950
	020	050				1960	5040				2,210	7,000	8,690
	020	068				1820	6250				2,280	8,070	10,110
	025	025				2500	2500				1,680	5,000	6,320
	025	035				2570	3430				1,710	6,000	7,270
	025	050				2500	5000				2,210	7,500	9,320
	025	068				2220	5930				2,280	8,150	10,110
	035	035				3500	3500				2,170	7,000	8,530
	035	050				3210	4810				2,240	8,020	9,950
	035	068				2860	5730				2,480	8,590	10,740
	050	050				4280	4280				2,440	8,560	10,430
	050	068				3780	5040				2,510	8,820	10,900
	068	068				4550	4550				3,110	9,100	11,000
3	020	020	020			2000	2000	2000			1,760	6,000	7,270
	020	020	025			1980	1980	2540			1,760	6,500	7,900
	020	020	035			2020	2020	3460			2,280	7,500	8,850
	020	020	050			1900	1900	4890			2,310	8,690	10,270
	020	020	068			1650	1650	5670			2,550	8,970	9,570
	020	025	025			1960	2520	2520			2,240	7,000	8,370
	020	025	035			2000	2570	3430			2,280	8,000	9,320
	020	025	050			1810	2320	4650			2,310	8,780	10,270
	020	025	068			1530	1970	5260			2,550	8,760	10,430
	020	035	035			1960	3360	3360			2,280	8,690	10,270
	020	035	050			1690	2900	4340			2,510	8,930	10,430
	020	035	068			1460	2500	5000			2,760	8,960	10,740
	020	050	050			1450	3730	3730			2,720	8,900	10,740
	025	050	068			1320	3400	4540			3,150	9,260	11,000
	020	068	068			1250	4280	4280			3,240	9,800	11,000
	025	025	025			2500	2500	2500			2,240	7,500	8,850
	025	025	035			2550	2550	3400			2,280	8,500	9,950
	025	025	050			2210	2210	4430			2,480	8,850	10,270
	025	025	068			1900	1900	5070			2,550	8,870	10,740
	025	035	035			2390	3190	3190			2,280	8,770	10,270
	025	035	050			2010	2680	4020			2,510	8,700	10,430
	025	035	068			1810	2420	4830			2,760	9,060	10,900
	025	050	050			1800	3600	3600			2,720	9,000	10,900
	025	050	068			1650	3300	4400			3,150	9,360	11,000
	025	068	068			1550	4130	4130			3,240	9,800	11,000
035	035	035			2980	2980	2980			2,480	8,940	10,430	
035	035	050			2550	2550	3820			2,680	8,910	10,740	
035	035	068			2320	2320	4630			3,110	9,260	11,000	
035	050	050			2300	3450	3450			3,110	9,210	11,000	
035	050	068			2180	3270	4360			3,200	9,800	11,000	
035	068	068			1960	3920	3920			3,290	9,800	11,000	
050	050	050			3270	3270	3270			3,150	9,800	11,000	
050	050	068			2940	2940	3920			3,240	9,800	11,000	

NOTE

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- Heating capacity is based on 20°CDB (indoor temperature), 7°CDB/6°CWB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - AJ***TNAPKH : Premium WindFree™
- You can not connect a single unit.
- Power consumption include indoor unit power.

AJ100TXJ5KC/EA

Unit	Indoor Unit					Cooling Capacity (W)					Capacity		
	A	B	C	D	E	A	B	C	D	E	W		
						MIN			Rated			MAX	
4	020	020	020	020		2000	2000	2000	2000		2,350	8,000	9,320
	020	020	020	025		1980	1980	1980	2550		2,350	8,500	9,950
	020	020	020	035		1860	1860	1860	3190		2,380	8,780	10,270
	020	020	020	050		1560	1560	1560	4010		2,590	8,690	10,430
	020	020	020	068		1410	1410	1410	4840		2,840	9,080	10,900
	020	020	025	025		1900	1900	2450	2450		2,350	8,700	10,270
	020	020	025	035		1770	1770	2280	3030		2,550	8,850	10,270
	020	020	025	050		1500	1500	1930	3860		2,590	8,800	10,740
	020	020	025	068		1360	1360	1750	4680		3,200	9,160	10,900
	020	020	035	035		1600	1600	2750	2750		2,550	8,700	10,430
	020	020	035	050		1430	1430	2450	3680		2,800	9,000	10,900
	020	020	035	068		1310	1310	2250	4490		3,240	9,360	11,000
	020	020	050	050		1300	1300	3350	3350		3,200	9,300	11,000
	020	020	050	068		1230	1230	3150	4200		3,290	9,800	11,000
	020	025	025	025		1810	2320	2320	2320		2,350	8,780	10,270
	020	025	025	035		1690	2170	2170	2900		2,550	8,940	10,430
	020	025	025	050		1450	1860	1860	3720		2,760	8,880	10,740
	020	025	025	068		1320	1700	1700	4540		3,200	9,260	11,000
	020	025	035	035		1540	1980	2640	2640		2,550	8,800	10,740
	020	025	035	050		1380	1780	2370	3560		3,150	9,100	10,900
	020	025	035	068		1270	1640	2190	4370		3,240	9,470	11,000
	020	025	050	050		1270	1630	3250	3250		3,200	9,400	11,000
	020	025	050	068		1180	1520	3040	4060		3,290	9,800	11,000
	020	035	035	035		1470	2510	2510	2510		2,760	9,000	10,900
	020	035	035	050		1330	2280	2280	3420		3,150	9,320	11,000
	020	035	035	068		1250	2140	2140	4280		3,240	9,800	11,000
	020	035	050	050		1250	2140	3210	3210		3,240	9,800	11,000
	020	035	050	068		1120	1930	2890	3860		3,330	9,800	11,000
	020	050	050	050		1120	2890	2890	2890		3,290	9,800	11,000
	025	025	025	025		2210	2210	2210	2210		2,510	8,840	10,270
	025	025	025	035		2010	2010	2010	2680		2,550	8,710	10,430
	025	025	025	050		1800	1800	1800	3600		2,760	9,000	10,900
	025	025	025	068		1660	1660	1660	4410		3,200	9,380	11,000
	025	025	035	035		1910	1910	2540	2540		2,720	8,900	10,740
	025	025	035	050		1730	1730	2300	3450		3,150	9,200	11,000
	025	025	035	068		1630	1630	2180	4360		3,240	9,800	11,000
	025	025	050	050		1630	1630	3270	3270		3,200	9,800	11,000
	025	025	050	068		1470	1470	2940	3920		3,290	9,800	11,000
	025	035	035	035		1820	2430	2430	2430		3,110	9,100	10,900
	025	035	035	050		1660	2210	2210	3320		3,150	9,400	11,000
	025	035	035	068		1550	2060	2060	4130		3,240	9,800	11,000
	025	035	050	050		1550	2060	3090	3090		3,240	9,800	11,000
	035	035	035	035		2330	2330	2330	2330		3,110	9,320	

AJ100TXJ5KC/EA

Unit	Indoor Unit					Cooling Capacity (W)					Capacity		
	A	B	C	D	E	A	B	C	D	E	W		
												MIN	Rated
1	020	020	020	025	050	1460	1460	1460	1880	3750	3,240	10,000	12,000
	020	020	020	025	068	1300	1300	1300	1670	4440	3,330	10,000	12,000
2	020	020	020	035	035	1560	1560	1560	2670	2670	3,200	10,000	12,000
	020	020	020	035	050	1370	1370	1370	2350	3530	3,290	10,000	12,000
	020	020	020	035	068	1230	1230	1230	2110	4210	3,380	10,000	12,000
	020	020	020	050	050	1230	1230	1230	3160	3160	3,330	10,000	12,000
	020	020	025	025	025	1650	1650	2120	2120	2120	2,630	9,660	10,740
	020	020	025	025	035	1590	1590	2050	2050	2730	2,840	10,000	10,900
	020	020	025	025	050	1400	1400	1800	1800	3600	3,240	10,000	12,000
	020	020	025	025	068	1250	1250	1610	1610	4290	3,330	10,000	12,000
	020	020	025	035	035	1490	1490	1910	2550	2550	3,200	10,000	12,000
	020	020	025	035	050	1320	1320	1700	2260	3400	3,290	10,000	12,000
	020	020	025	035	068	1190	1190	1530	2030	4070	3,380	10,000	12,000
	020	020	025	050	050	1190	1190	1530	3050	3050	3,330	10,000	12,000
	020	020	035	035	035	1400	1400	2400	2400	2400	3,240	10,000	12,000
	020	020	035	035	050	1250	1250	2140	2140	3210	3,290	10,000	12,000
	020	025	025	025	025	1580	2030	2030	2030	2030	2,800	9,700	10,740
	020	025	025	025	035	1520	1960	1960	1960	2610	3,200	10,000	12,000
	020	025	025	025	050	1350	1730	1730	1730	3460	3,240	10,000	12,000
	020	025	025	025	068	1210	1550	1550	1550	4140	3,330	10,000	12,000
	020	025	025	035	035	1430	1840	1840	2450	2450	3,200	10,000	12,000
	020	025	025	035	050	1270	1640	1640	2180	3270	3,290	10,000	12,000
	020	025	025	035	068	1150	1480	1480	1970	3930	3,380	10,000	12,000
	020	025	025	050	050	1150	1480	1480	2950	2950	3,330	10,000	12,000
	020	025	035	035	035	1350	1730	2310	2310	2310	3,240	10,000	12,000
	020	025	035	035	050	1210	1550	2070	2070	3100	3,290	10,000	12,000
	020	035	035	035	035	1270	2180	2180	2180	2180	3,240	10,000	12,000
	025	025	025	025	025	2000	2000	2000	2000	2000	3,000	10,000	12,000
	025	025	025	025	035	1880	1880	1880	1880	2500	3,200	10,000	12,000
	025	025	025	025	050	1670	1670	1670	1670	3330	3,240	10,000	12,000
	025	025	025	025	068	1500	1500	1500	1500	4000	3,330	10,000	12,000
	025	025	025	035	035	1760	1760	1760	2350	2350	3,200	10,000	12,000
	025	025	025	035	050	1580	1580	1580	2110	3160	3,290	10,000	12,000
	025	025	035	035	035	1670	1670	2220	2220	2220	3,240	10,000	12,000
	025	025	035	035	050	1500	1500	2000	2000	3000	3,290	10,000	12,000
	025	035	035	035	035	1580	2110	2110	2110	2110	3,240	10,000	12,000

- NOTE**
- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
 - Heating capacity is based on 20°CDB (indoor temperature), 7°CDB/6°CWB (outdoor temperature).
 - The above is the value for connecting with the following indoor units.
- AJ***TNAPKH : Premium WindFree™
 - You can not connect a single unit.
 - Power consumption include indoor unit power.

AJ140TXJ5KC/EA

Unit	Indoor Unit					Cooling Capacity (W)					Capacity		
	A	B	C	D	E	A	B	C	D	E	W		
												MIN	Rated
1	020					2000					2,490	2,000	2,600
	025					2500					2,490	2,500	3,200
	035					3500					2,490	3,500	3,800
	050					5000					2,780	5,000	6,300
	068					6200					2,780	6,200	7,600
2	020	020				2050	2050				2,640	4,100	4,310
	020	025				2050	2640				2,640	4,690	4,920
	020	035				2050	3520				2,640	5,570	5,850
	020	050				1980	5080				2,640	7,060	7,420
	020	068				1920	6580				2,640	8,500	8,920
	025	025				2640	2640				2,640	5,280	5,540
	025	035				2640	3510				2,640	6,150	6,460
	025	050				2550	5100				2,640	7,650	8,030
	025	068				2480	6610				2,640	9,090	9,540
	035	035				3520	3520				2,640	7,030	7,390
	035	050				3410	5120				2,640	8,530	8,960
	035	068				3320	6640				2,640	9,960	10,460
	050	050				5010	5010				2,640	10,020	10,520
	050	068				4910	6550				2,640	11,460	12,030
	068	068				5800	5800				2,640	11,600	13,100
3	020	020	020			2050	2050	2050			2,780	6,150	6,460
	020	020	025			2050	2050	2640			2,780	6,740	7,080
	020	020	035			2050	2050	3520			2,780	7,620	8,000
	020	020	050			2050	2050	5280			2,780	9,380	9,850
	020	020	068			2050	2050	7040			2,780	11,140	11,690
	020	025	025			2050	2640	2640			2,780	7,330	7,690
	020	025	035			2050	2640	3520			2,780	8,210	8,620
	020	025	050			2050	2640	5270			2,780	9,960	10,460
	020	025	068			2030	2610	6960			2,780	11,600	12,310
	020	035	035			2050	3520	3520			2,780	9,090	9,540
	020	035	050			2050	3520	5270			2,780	10,840	11,390
	020	035	068			1890	3240	6470			2,780	11,600	13,100
	020	050	050			1890	4860	4860			2,780	11,600	13,100
	020	050	068			1660	4260	5680			2,780	11,600	13,100
	020	068	068			1540	5280	5280			2,780	12,100	13,700
	025	025	025			2640	2640	2640			2,780	7,910	8,310
	025	025	035			2640	2640	3520			2,780	8,790	9,230
	025	025	050			2640	2640	5280			2,780	10,550	11,080
	025	025	068			2490	2490	6630			2,780	11,600	12,920
	025	035	035			2640	3520	3520			2,780	9,670	10,160
	025	035	050			2640	3520	5280			2,780	11,430	12,000
	025	035	068			2320	3090	6190			2,780	11,600	13,100
	025	050	050			2320	4640	4640			2,780	11,600	13,100
	025	050	068			2140	4270	5690			2,780	12,100	13,700
	025	068	068			1910	5090	5090			2,780	12,100	13,700
035	035	035			3520	3520	3520			2,780	10,550	11,080	
035	035	050			3310	3310	4970			2,780	11,600	12,920	
035	035	068			2900	2900	5800			2,780	11,600	13,100	
035	050	050			2900	4350	4350			2,780	11,600	13,100	
035	050	068			2690	4030	5380			2,780	12,100	13,700	
035	068	068			2420	4840	4840			2,780	12,100	13,700	
050	050	050			4030	4030	4030			2,780	12,100	13,700	
050	050	068			3630	3630	4840			2,780	12,100	13,700	

- NOTE**
- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
 - Heating capacity is based on 20°CDB (indoor temperature), 7°CDB/6°CWB (outdoor temperature).
 - The above is the value for connecting with the following indoor units.
- AJ***TNAPKH : Premium WindFree™
 - You can not connect a single unit.
 - Power consumption include indoor unit power.

AJ140TXJ5KC/EA

Unit	Indoor Unit					Cooling Capacity (W)					Capacity		
	A	B	C	D	E	A	B	C	D	E	W		
									MIN	Rated	MAX		
4	020	020	020	020		2050	2050	2050	2050		3,000	8,210	9,030
	020	020	020	025		2050	2050	2050	2640		3,000	8,790	9,670
	020	020	020	035		2050	2050	2050	3520		3,000	9,670	10,640
	020	020	020	050		2050	2050	2050	5280		3,000	11,430	12,570
	020	020	020	068		1880	1880	1880	6450		3,000	12,100	13,700
	020	020	025	025		2050	2050	2640	2640		3,000	9,380	10,320
	020	020	025	035		2050	2050	2640	3520		3,000	10,260	11,280
	020	020	025	050		2050	2050	2640	5280		3,000	12,020	13,220
	020	020	025	068		1800	1800	2320	6180		3,000	12,100	13,700
	020	020	035	035		2050	2050	3520	3520		3,000	11,140	12,250
	020	020	035	050		1930	1930	3300	4950		3,000	12,100	13,700
	020	020	035	068		1690	1690	2900	5810		3,000	12,100	13,700
	020	020	050	050		1690	1690	4360	4360		3,000	12,100	13,700
	020	020	050	068		1740	1740	4470	5960		3,000	13,910	14,950
	020	025	025	025		2050	2640	2640	2640		3,000	9,960	10,960
	020	025	025	035		2050	2640	2640	3520		3,000	10,840	11,930
	020	025	025	050		1970	2530	2530	5070		3,000	12,100	13,700
	020	025	025	068		1730	2220	2220	5930		3,000	12,100	13,700
	020	025	035	035		2050	2640	3520	3520		3,000	11,720	12,900
	020	025	035	050		1840	2370	3160	4730		3,000	12,100	13,700
	020	025	035	068		1720	2210	2940	5880		3,000	12,750	14,250
	020	025	050	050		1740	2240	4490	4490		3,000	12,960	14,380
	020	025	050	068		1690	2170	4340	5790		3,000	14,000	15,000
	020	035	035	035		1970	3380	3380	3380		3,000	12,100	13,700
	020	035	035	050		1730	2960	2960	4440		3,000	12,100	13,700
	020	035	035	068		1740	2990	2990	5980		3,000	13,710	14,830
	020	035	050	050		1760	3010	4520	4520		3,000	13,810	14,890
	020	035	050	068		1610	2750	4130	5510		3,000	14,000	15,000
	020	050	050	050		1610	4130	4130	4130		3,000	14,000	15,000
	025	025	025	025		2640	2640	2640	2640		3,000	10,550	11,610
	025	025	025	035		2640	2640	2640	3520		3,000	11,430	12,570
	025	025	025	050		2420	2420	2420	4840		3,000	12,100	13,700
	025	025	025	068		2210	2210	2210	5880		3,000	12,500	14,100
	025	025	035	035		2590	2590	3460	3460		3,000	12,100	13,540
	025	025	035	050		2270	2270	3030	4540		3,000	12,100	13,700
	025	025	035	068		2200	2200	2940	5880		3,000	13,220	14,540
	025	025	050	050		2240	2240	4470	4470		3,000	13,420	14,660
	025	025	050	068		2100	2100	4200	5600		3,000	14,000	15,000
	025	035	035	035		2420	3230	3230	3230		3,000	12,100	13,700
	025	035	035	050		2210	2940	2940	4410		3,000	12,500	14,100
025	035	035	068		2210	2950	2950	5890		3,000	14,000	15,000	
025	035	050	050		2210	2950	4420	4420		3,000	14,000	15,000	
025	050	050	050		2000	4000	4000	4000		3,000	14,000	15,000	
035	035	035	035		3030	3030	3030	3030		3,000	12,100	13,700	
035	035	035	050		3020	3020	3020	4520		3,000	13,570	14,750	
035	035	035	068		2800	2800	2800	5600		3,000	14,000	15,000	
035	035	050	050		2800	2800	4200	4200		3,000	14,000	15,000	
5	020	020	020	020	020	2050	2050	2050	2050	2050	3,000	10,260	11,280
	020	020	020	020	025	2050	2050	2050	2050	2640	3,000	10,840	11,930
	020	020	020	020	035	2050	2050	2050	2050	3520	3,000	11,720	12,900
	020	020	020	020	050	1900	1900	1900	1900	4890	3,000	12,500	14,500
	020	020	020	020	068	1880	1880	1880	1880	6460	3,000	14,000	14,950
020	020	020	025	025	2050	2050	2050	2640	2640	3,000	11,430	12,570	

NOTE

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- Heating capacity is based on 20°CDB (indoor temperature), 7°CDB/6°CWB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - AJ***TNAPKH : Premium WindFree™
- You can not connect a single unit.
- Power consumption include indoor unit power.

AJ140TXJ5KC/EA

Unit	Indoor Unit					Cooling Capacity (W)					Capacity		
	A	B	C	D	E	A	B	C	D	E	W		
									MIN	Rated	MAX		
5	020	020	020	025	035	2050	2050	2050	2640	3520	3,000	12,310	13,540
	020	020	020	025	050	1970	1970	1970	2530	5060	3,000	13,500	14,670
	020	020	020	025	068	1810	1810	1810	2330	6220	3,000	14,000	16,000
	020	020	020	035	035	1940	1940	1940	3330	3330	3,000	12,500	14,100
	020	020	020	035	050	1920	1920	1920	3290	4940	2,840	9,080	10,900
	020	020	020	035	068	1720	1720	1720	2950	5890	3,000	14,000	16,000
	020	020	020	050	050	1720	1720	1720	4420	4420	3,000	14,000	16,000
	020	020	025	025	025	2050	2050	2640	2640	2640	3,000	12,020	13,220
	020	020	025	025	035	1990	1990	2560	2560	3410	3,000	12,500	14,100
	020	020	025	025	050	1960	1960	2520	2520	5040	3,000	14,000	14,820
	020	020	025	025	068	1750	1750	2250	2250	6000	3,000	14,000	16,000
	020	020	025	035	035	2010	2010	2590	3450	3450	3,000	13,500	14,620
	020	020	025	035	050	1850	1850	2380	3170	4750	3,000	14,000	14,990
	020	020	025	035	068	1660	1660	2140	2850	5690	3,000	14,000	16,000
	020	020	025	050	050	1660	1660	2140	4270	4270	3,000	14,000	16,000
	020	020	035	035	035	1960	1960	3360	3360	3360	3,000	14,000	14,860
	020	020	035	035	050	1750	1750	3000	3000	4500	3,000	14,000	16,000
	020	020	035	050	050	1580	1580	2710	4060	4060	3,000	14,000	16,000
	020	025	025	025	025	2030	2620	2620	2620	2620	3,000	12,500	13,860
	020	025	025	025	035	1980	2540	2540	2540	3390	3,000	13,000	14,560
	020	025	025	025	050	1880	2420	2420	2420	4850	3,000	14,000	14,970
	020	025	025	025	068	1690	2170	2170	2170	5790	3,000	14,000	16,000
	020	025	025	025	035	2000	2570	2570	3430	3430	3,000	14,000	14,770
	020	025	025	025	050	1780	2290	2290	3050	4580	3,000	14,000	16,000
	020	025	025	025	035	1610	2070	2070	2750	5510	3,000	14,000	16,000
	020	025	025	025	050	1610	2070	2070	4130	4130	3,000	14,000	16,000
	020	025	035	035	035	1880	2420	3230	3230	3230	3,000	14,000	14,980
	020	025	035	035	050	1690	2170	2900	2900	4340	3,000	14,000	16,000
	020	035	035	035	035	1780	3050	3050	3050	3050	3,000	14,000	16,000
	020	035	035	035	050	1610	2750	2750	2750	4130	3,000	14,000	16,000
	025	025	025	025	025	2500	2500	2500	2500	2500	3,000	12,500	14,500
	025	025	025	025	035	2530	2530	2530	2530	3380	3,000	13,500	14,720
	025	025	025	025	050	2330	2330	2330	2330	4670	3,000	14,000	16,000
	025	025	025	025	068	2100	2100	2100	2100	5600	3,000	14,000	16,000
	025	025	025	025	035	2470	2470	2470	3290	3290	3,000	14,000	14,930
	025	025	025	025	050	2210	2210	2210	2950	4420	3,000	14,000	16,000
	025	025	025	025	068	2000	2000	2000	4000	4000	3,000	14,000	16,000
	025	025	035	035	035	2330	2330	3110	3110	3110	3,000	14,000	16,000
	025	025	035	035	050	2100	2100	2800	2800	4200	3,000	14,000	16,000
	025	035	035	035	035	2210	2950	2950	2950	2950	3,000	14,000	16,000
035	035	035	035	035	2800	2800	2800	2800	2800	3,000	14,000	16,000	

NOTE

- Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
- Heating capacity is based on 20°CDB (indoor temperature), 7°CDB/6°CWB (outdoor temperature).
- The above is the value for connecting with the following indoor units.
 - AJ***TNAPKH : Premium WindFree™
- You can not connect a single unit.
- Power consumption include indoor unit power.

WindFree™ Wall Mounted

Stay comfortable with no direct cold draft, optimizing the temperature, humidity and purity.

Stay comfortably cool anytime and anywhere. The innovative **WindFree™** Cooling gently disperses air through 23,000 micro holes, so there are no unpleasant cold drafts. It can also cool a whole room extremely quickly, or optimize the room conditions to help you sleep. And it includes a range of advanced features that make installing, maintaining and controlling your air conditioning a real breeze.

WindFree™ Cooling Stay cool without feeling cold

Stay feeling comfortable cool with **WindFree™** Cooling. It cools gently and quietly without the unpleasant feeling of cold wind on your skin, as it disperses air through 23,000 micro air holes. It creates a "Still Air" environment* with a very low air speed and much less noise**. Its advanced air flow structure also means it cools a wider and larger area more evenly. It consumes 77% less energy than Fast Cooling mode*** so you can stay comfortably cool without worrying about electricity bills.



23,000
Micro Air Holes

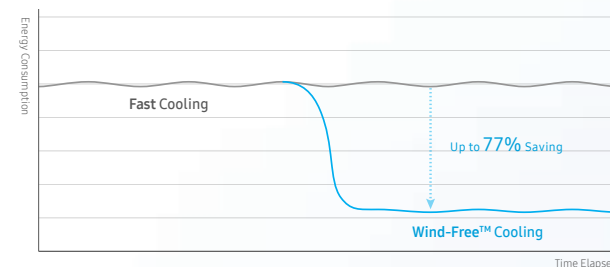


Fast Cooling Cools you down faster

Cool rooms quickly from corner to corner, so you're always comfortable whenever you want and wherever you are. Digital Inverter Boost technology dramatically shortens the time it takes for the compressor to reach maximum power when it starts operating, so it cools the air 43% faster*. Its advanced design also has a 15% larger fan, 18% wider inlet and a 31% wider blade, so cool air is dispersed farther and wider into every corner of a room, reaching up to 15 meters**.



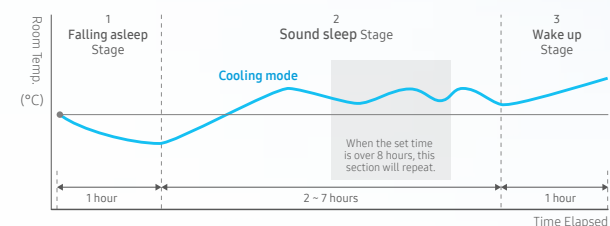
* Tested on the AR12TXCAAWKEU model compared with the Samsung conventional model AQ12EASER.
** Tested on the AR24TXCAWKNEU model.



* ASHRAE (American Society of Heating, Refrigerating, and Air-Conditioning Engineers) defines "Still Air" as air currents at speeds below 0.15m/s which lack the presence of cold drafts.
** Tested on the AR12TXCAAWKEU model. **WindFree™** mode generates only 23dB(A) of noise, compared to 26dB(A) with the Samsung conventional model.
*** Tested on the AR07T9170HA3 model, based on the power consumption of Fast Cooling mode vs. **WindFree™** Cooling mode.

WindFree™ Good Sleep Enjoy a good night's sleep

The **WindFree™** Good Sleep mode creates the ideal climate in your bedroom for sleeping – without an unpleasant cold airflow and using less energy, so you fall asleep fast, sleep deeply and comfortably, and wake up feeling fully refreshed and ready for a new day.



Temperature Display Intuitively know the room temperature

A large numeric display with clear and simple icons makes it much easier to see the room temperature and intuitively check the current status of your air conditioner – even from a distance.



Snap-fit Design & a Roller Type Bracket Quick and easy to install and service

The **WindFree™** air conditioner features a snap-fit bottom cover that can be easily opened and closed without screws – for installation and service. Unlike conventional brackets that have to be fitted on two fixed hooks, it uses a roller type bracket that simplifies the installation process. You can easily mount it by installing the bracket on the wall and just hanging the air conditioner, then effortlessly sliding it into the exact position that you want.



Snap-fit Design



Roller Type Bracket

WindFree™ 1-Way Cassette



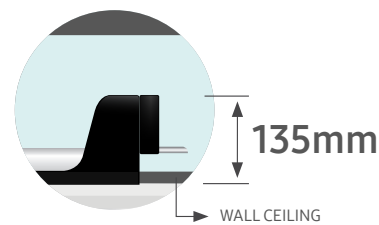
Smart Comfort Cooling

The 2-Step Cooling cools the air fast in Fast Cooling, then automatically maintains temperature by switching to **WindFree™** mode, keeping you comfortable without cold spots or the need to change settings.

Energy savings (up to 55%*)

Energy consumption is reduced by 55%** when using **WindFree™** Cooling, providing you with cool air, extreme quietness and energy-saving all at once.

* Based on internal testing: Outdoor unit AM050FXMDEH running simultaneously with Indoor units AM056NN1DEH, AM036NN1DEH, AM022NN1DEH. Temperature conditions: Outdoor 35°C DB / 24°C WB, Indoor 27°C DB / 19°C WB. Results may vary depending on environmental factors and individual use.



Slim and Compact Design

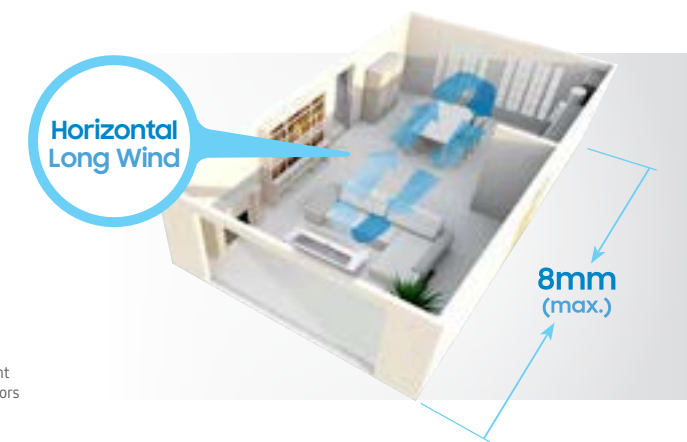
At a height of only 135mm[^], the **WindFree™** 1-Way Cassette has a compact and lightweight design. This slim design makes it not only visually pleasing, but also easier to install and maintain, and it can be fitted in the smallest of ceiling gaps.

[^]Based on 3.6kW model. 5.2kW & 7.1kW measure 138mm.

Wider Cooling Range

Cool your room quickly from corner to corner. The **WindFree™** 1-Way Cassette has a 100mm big blade that can deliver cool air over a long distance, reaching up to 8 meters*. It also has a wider operating angle, as the blade can move between 40 to 80 degrees. It can cool a whole room rapidly and evenly by dispersing cool air farther and into every corner, without leaving any "dead zones".

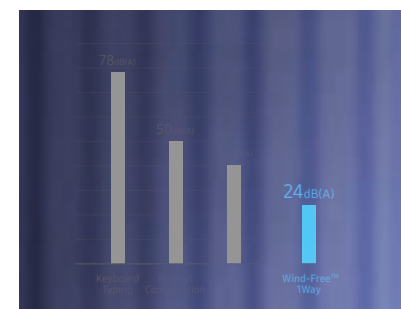
* Based on internal testing on a 7.1kW model. Horizontal wind range: sitting height = 0.6m, wind speed = 0.3m/s. Results may vary depending on environmental factors and individual use.



Quiet Operation

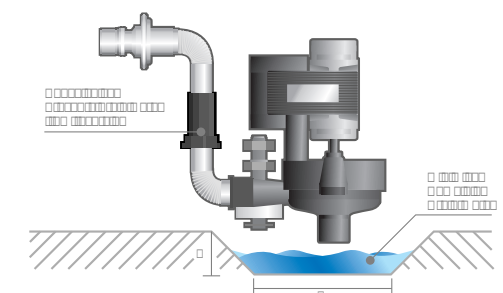
The Samsung **WindFree™** 1-Way Cassette air conditioner reduces the amount of noise to just 24dB (A) of sound*, making it ideal for spaces such as the library, workspace or conference room.

*Based on internal testing of a 3.6kW model when set to **WindFree™** mode. Results may vary depending on environmental factors and individual use.



No Overflowing Drain Water

The check valve on the drain pump prevents water from flowing backward into the drain pan. This minimises the drain pan's water level so that you will never have to worry about water stagnation or overflowing drain water in your interior space.

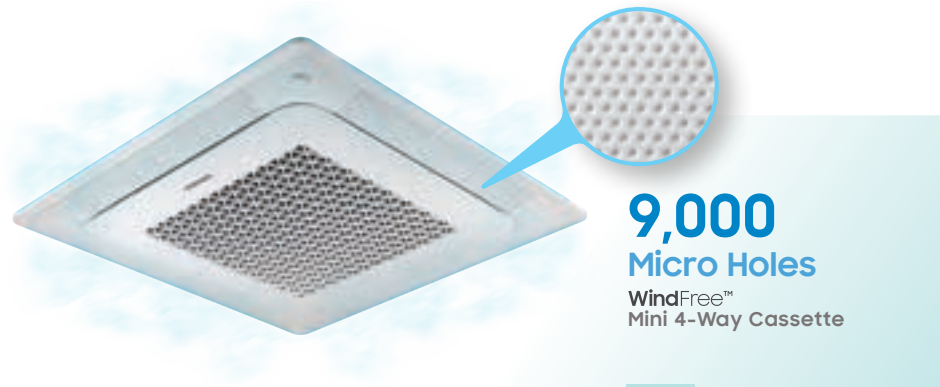


WindFree™ 4-Way Cassette (600 x 600)

Samsung's **WindFree™ 4-Way Cassette** is the latest in air conditioning innovation. With its specialised blades, adjustable operation and seamless blend of style and utility, the 4-Way Cassette can enact efficiency and sustain cooling comfort in a plethora of environments.

WindFree™ cooling with Micro Holes

The **WindFree™ 4-Way Cassette** pushes air out through 9,000 micro holes in the panel, producing a dispersed and gentle flow called "still air"*. The uniform air distribution effortlessly keeps a room cool while avoiding the conventional discomfort of cold drafts.



*ASHRAE (American Society of Heating, Refrigeration, and Air-Conditioning Engineers) defines "Still Air" as air currents at speeds below 0.15m/s which lack the presence of cold drafts.

Architectural Panel Size & Lightweight Unit

The practical sizing and lightweight design of the Samsung **WindFree™ 4-Way 600x600** makes it much easier to install.

Main Unit Dimensions (W x D mm)
575 x 575



Main Unit Weight (kg)
11.5

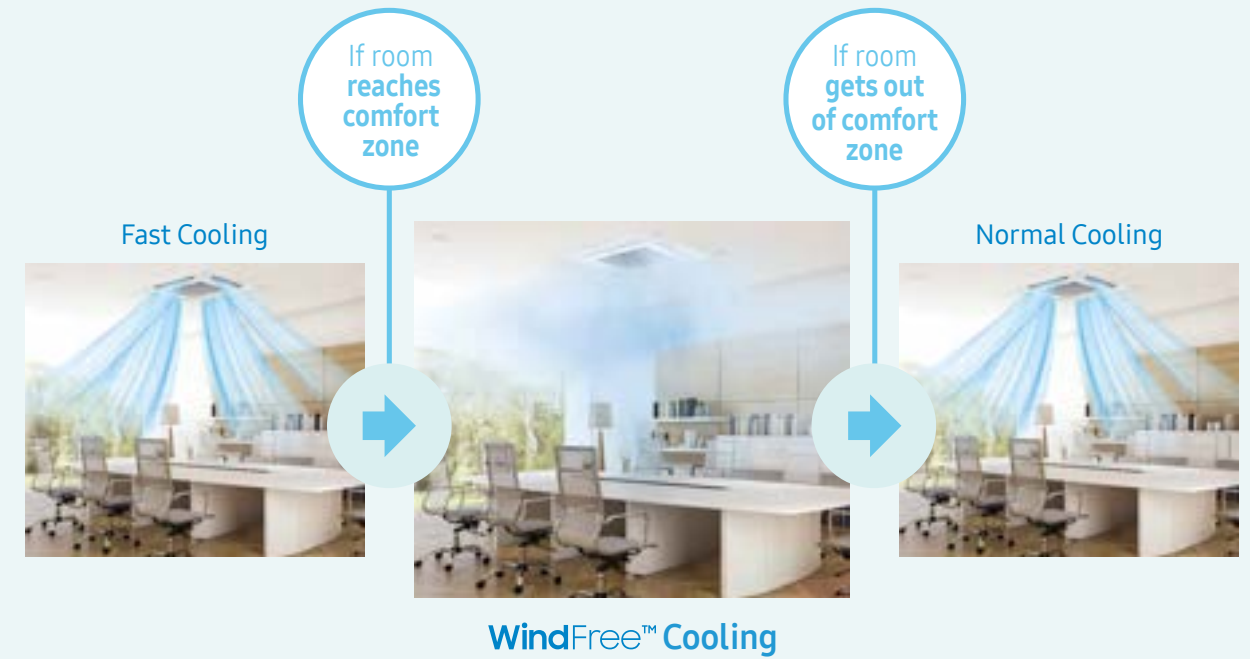
Simple Cleanup

4-Way Cassette indoor units have detachable airflow blades, which means users don't need to remove the entire panel to clean the blade, making maintenance even easier.



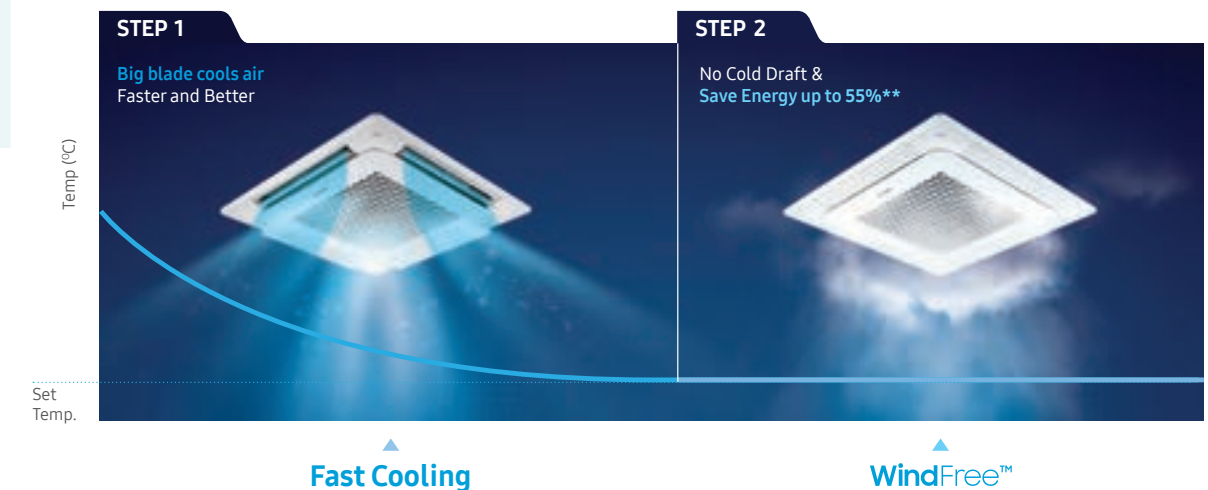
Smart comfort cooling

The **WindFree™ 4-Way Cassette** cools a room to your comfort zone as fast as possible, before switching to **WindFree™ Cooling** mode automatically to maintain that optimal temperature. Should the temperature dip out of a comfortable range, the cassette will readjust all by itself.



Hands-Free Comfort

A **2-Step Cooling system** cools air fast in Fast Cooling mode, before automatically switching to **WindFree™ Cooling** to maintain the desired temperature once it is reached. This way you stay comfortable without a need to change the settings.



* Based on internal testing of the **WindFree™** model AC140RN4DKG/EU working at 14.0kW. Operating conditions: outdoors (35°C DB), indoors (27°C DB / 19°C WB). Results may vary depending on environmental factors and individual usage.

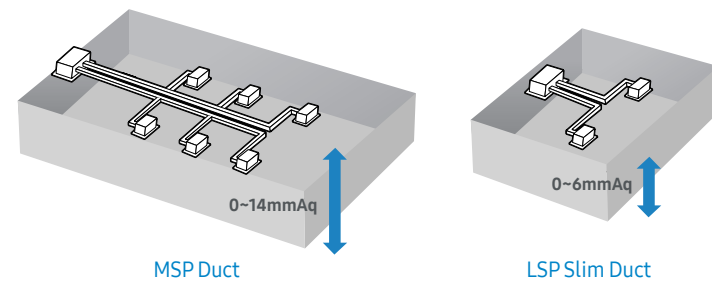
Duct

Samsung offer several different ducted units which suit various applications. Whether you have a small gap in the ceiling space or very high ceilings, Samsung offers a ducted solution to suit your requirements.



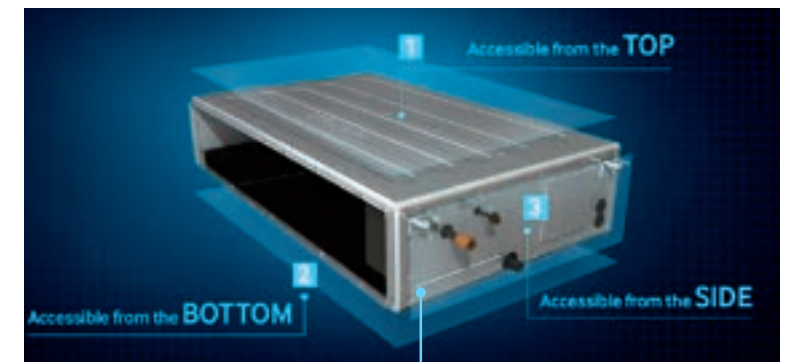
Air Coverage for Any Application

This provides the opportunity of designing more inlets and outlets, benefiting users by offering a more flexible range of installation options. In turn, this results in larger and more reliable coverage areas, servicing more people with more cool air.



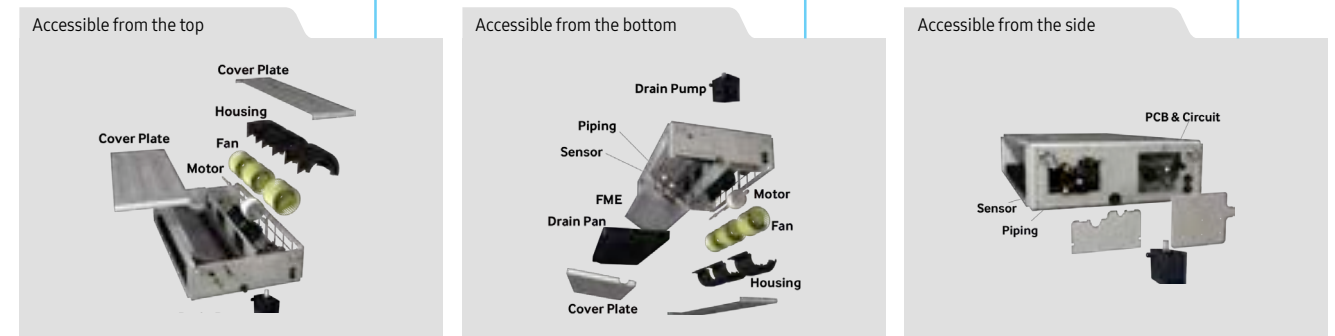
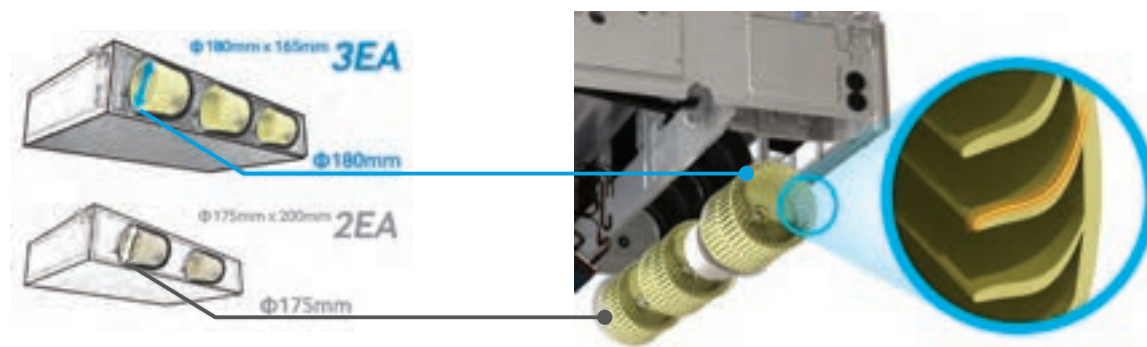
Simplified Installation and Maintenance

Thanks to the ultra-compact design, Samsung duct units can be placed anywhere. The indoor unit can be accessed from three different sides: from the top, from the bottom and from one side; this simplifies the usual maintenance activities.



Reduced Noise Levels & Increased Airflow

Thanks to the aerodynamic profile, the new Inverter fan enables a greater airflow and ensures a more even air distribution.



Cooling Only



Type		Free Joint Multi	
Model Name		AJ050TXJ2KC/EA	
Number of Connectable Indoor Units		-	2
Power Supply		Φ, #, V, Hz	1, 2, 220 ~ 240, 50/60*
Mode		-	Cooling Only
Capacity	Cooling		Btu/hr
			17,100
Compressor	Type		-
	Output		W
Fan	Type		-
	Motor	Output	W
	Airflow Rate		m³ / min
			l/s
Piping Connections	Liquid Pipe		Φ, mm x EA
			Φ, inch x EA
	Gas Pipe		Φ, mm x EA
			Φ, inch x EA
	Installation Limitation	Total Piping Length	m
		Max. Length OD~ID	m
		Max. Height OD~ID	m
		Max. Height ID~ID	m
Refrigerant		Type	-
External Dimension		Net Dimensions (WxHxD)	mm
Operating Temp. Range		Cooling	°C

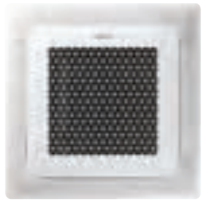
Free Joint Multi	Free Joint Multi	Free Joint Multi	Free Joint Multi
AJ058TXJ3KC/EA	AJ080TXJ4KC/EA	AJ100TXJ5KC/EA	AJ140TXJ5KC/EA
3	4	5	5
1, 2, 220 ~ 240, 50/60*	1, 2, 220 ~ 240, 50/60*	1, 2, 220 ~ 240, 50/60*	1, 2, 220 ~ 240, 50/60*
Cooling Only	Cooling Only	Cooling Only	Cooling Only
19,700	27,300	34,100	47,770
Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
5.92 x 1	7.77 x 1	9.17 x 1	10.01 x 1
Propeller Fan/BLDC	Propeller Fan/BLDC	Propeller Fan/BLDC	Propeller Fan/BLDC
125 x 1	125 x 1	125 x 1	125 x 1
38.0	55.4	72.7	110.0
633	923	1,212	1,833
6.35 x 3	6.35 x 4	6.35 x 5	6.35 x 5
1/4 x 3	1/4 x 4	1/4 x 5	1/4 x 5
9.52 x 2 + 12.7 x 1	9.52 x 2 + 12.7 x 2	9.52 x 2 + 12.7 x 3	9.52 x 2 + 12.7 x 3
3/8 x 2 + 1/2 x 1	3/8 x 2 + 1/2 x 2	3/8 x 2 + 1/2 x 3	3/8 x 2 + 1/2 x 3
50	70	70	70
25	25	25	25
15	15	15	15
7.5	7.5	7.5	7.5
R410A	R410A	R410A	R410A
880 x 638 x 310	880 x 798 x 310	940 x 998 x 330	940 x 1,210 x 330
10 ~ 46	10 ~ 46	10 ~ 46	10 ~ 46

*Specifications may differ by country

WindFree™ 1-Way Cassette



WindFree™ 4-Way Cassette 600 x 600

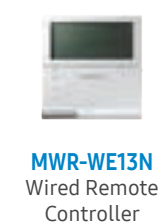


Model Code			AJ026TN1DKH/EA	AJ035TN1DKH/EA
Power Supply		Φ, #, V, Hz	1, 2, 220 ~ 240, 50/60*	1, 2, 220 ~ 240, 50/60*
Capacity	Cooling	kW	2.6	3.5
	Cooling	Btu/hr	8,900	11,900
Power Input (Nominal)	Cooling	W	30	30
Current Input (Nominal)	Cooling	A	0.3	0.3
Fan	Type	-	Crossflow Fan	Crossflow Fan
	Fan Motor Output		W	27 x 1
	Airflow Rate	High / Mid / Low	CMM	7.3 / 6.5 / 5.8
		l/s	122 / 108 / 97	150 / 137 / 120
Piping Connections	Liquid Pipe	Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe	Φ, mm (inch)	9.52 (3/8)	9.52 (3/8)
Drain	Drain Pipe	Φ, mm	VP20 (OD 25, ID 20)	VP20 (OD 25, ID 20)
Refrigerant	Type	-	R410A	R410A
	Electronic Expansion Valve	-	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	dBA	32 / 29 / 26	37 / 35 / 30
	Sound Power	dBA	50	55
External Dimension	Net Weight		kg	9.5
	Net Dimensions	WxHxD	mm	970 x 135 x 410
Panel Size	Panel model		-	PC1NWFMAN
	Panel Net Weight		kg	4.3
	Net Dimensions	WxHxD	mm	1198 x 35 x 500

Model Code			AJ026TNNDKH/EA	AJ035TNNDKH/EA	AJ052TNNDKH/EA
Power Supply		Φ, #, V, Hz	1, 2, 220 ~ 240, 50/60*	1, 2, 220 ~ 240, 50/60*	1, 2, 220 ~ 240, 50/60*
Capacity	Cooling	kW	2.6	3.5	5.2
	Cooling	Btu/hr	8,900	11,900	17,700
Power Input (Nominal)	Cooling	W	19	22	28
Current Input (Nominal)	Cooling	A	0.51	0.52	0.53
Fan	Type	-	Turbo Fan	Turbo Fan	Turbo Fan
	Fan Motor Output		-	65 x 1	65 x 1
	Airflow Rate	High / Mid / Low	CMM	9.0 / 8.2 / 6.9	10.5 / 9.0 / 7.4
		l/s	150 / 137 / 115	175 / 150 / 123	175 / 150 / 123
Piping Connections	Liquid Pipe	Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe	Φ, mm (inch)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)
Drain	Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
Refrigerant	Type	-	R410A	R410A	R410A
	Electronic Expansion Valve	-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	dBA	33/29/24	35/31/27	39/36/32
	Sound Power	dBA	49	53	55
External Dimension (Indoor Unit)	Net Weight		kg	11.5	11.8
	Net Dimensions	WxHxD	mm	575 x 250 x 575	575 x 250 x 575
Panel Size	Panel model		-	PC4SUFMAN	PC4SUFMAN
	Panel Net Weight		kg	2.7	2.7
	Net Dimensions	WxHxD	mm	620 x 57 x 620	620 x 57 x 620

Accessories (Optional)

Accessories (Optional)



WindFree™ Wall-Mounted



Wall-Mounted

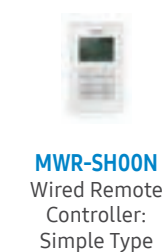
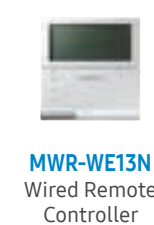


Model Code			AJ020TNAPKH/EA	AJ025TNAPKH/EA	AJ035TNAPKH/EA	AJ050TNAPKH/EA	AJ068TNAPKH/EA	
Power Supply		Φ, #, V, Hz	1,220-240, 50/60	1,220-240, 50/60	1,220-240, 50/60	1,220-240, 50/60	1,220-240, 50/60	
Capacity	Cooling	kW	2.0	2.5	3.5	5.0	6.2	
	Cooling	Btu/hr	6,800	8,500	11,900	17,100	21,200	
Power Input (Nominal)	Cooling	W	40	40	40	50	50	
Current Input (Nominal)	Cooling	A	0.4	0.4	0.4	0.5	0.5	
Fan	Type		-	Cross Flow	Cross Flow	Cross Flow	Cross Flow	
	Airflow Rate	Cooling (T/H/M/L)	l/s	165 / 153 / 140 / 122	172 / 160 / 140 / 122	178 / 160 / 142 / 118	270 / 253 / 227 / 202	335 / 300 / 265 / 228
	Output		W x n	27 x 1	27 x 1	27 x 1	27 x 1	27 x 1
Piping Connections	Liquid Pipe	Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	
	Gas Pipe	Φ, mm (inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)	
	Drain Pipe	Φ, mm	16.3, 550	16.3, 550	16.3, 550	16.3, 550	16.3, 550	
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	
	Electronic Expansion Valve	-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	
Sound	Sound Pressure	dB(A)	38 / 23	38 / 23	39 / 23	42 / 30	47 / 30	
	Sound Power	dB(A)	54	54	56	58	64	
External Dimension	Net Weight		kg	10.6	10.6	10.6	12.5	12.5
	Net Dimensions	WxHxD	mm	889 x 299 x 215	889 x 299 x 215	889 x 299 x 215	1,055 x 299 x 215	1,055 x 299 x 215

Model Code			AJ020TNTDKH/EA	AJ025TNTDKH/EA	AJ035TNTDKH/EA	AJ050TNTDKH/EA	AJ068TNTDKH/EA	
Power Supply		Φ, #, V, Hz	1,220-240, 50/60	1,220-240, 50/60	1,220-240, 50/60	1,220-240, 50/60	1,220-240, 50/60	
Capacity	Cooling	kW	2.0	2.5	3.5	5.0	6.5	
	Cooling	Btu/hr	6,800	8,500	11,900	17,100	22,200	
Power Input (Nominal)	Cooling	W	30	30	30	50	50	
Current Input (Nominal)	Cooling	A	0.3	0.3	0.3	0.5	0.5	
Fan	Type		-	Cross Flow	Cross Flow	Cross Flow	Cross Flow	
	Airflow Rate	Cooling (T/H/M/L)	l/s	177 / 168 / 158 / 142	185 / 177 / 158 / 142	195 / 177 / 158 / 142	265 / 253 / 232 / 207	298 / 277 / 242 / 207
	Output		W x n	27 x 1	27 x 1	27 x 1	27 x 1	27 x 1
Piping Connections	Liquid Pipe	Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	
	Gas Pipe	Φ, mm (inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)	
	Drain Pipe	Φ, mm	16.3, 550	16.3, 550	16.3, 550	16.3, 550	16.3, 550	
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	
	Electronic Expansion Valve	-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	
Sound	Sound Pressure	dB(A)	37 / 23	37 / 23	38 / 23	41 / 30	45 / 30	
	Sound Power	dB(A)	54	54	56	58	62	
External Dimension	Net Weight		kg	9.1	9.1	9.1	11.5	11.5
	Net Dimensions	WxHxD	mm	820 x 299 x 215	820 x 299 x 215	820 x 299 x 215	1,055 x 299 x 215	1,055 x 299 x 215

Accessories (Optional)

Accessories (Optional)



SAMSUNG

Moving ahead and with our customers

At Samsung Electronics, we're committed to helping our customers, partners and employees discover new experiences and possibilities. Across all our businesses, we're inspired by the changing world around us to create new technologies for consumers. From products that are designed to keep pace with how we live our lives to the core components that make it all possible.