

# Samsung's Nordic residential range - the ultimate in comfort

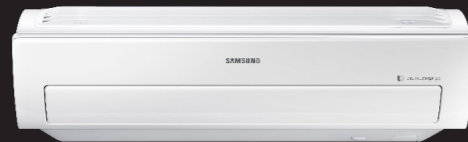
Samsung's Nordic range is designed to bring most levels of comfort to residential applications – cooling and heating evenly and efficiently.

The Samsung range has been designed from the ground up to be outstandingly efficient. Its unique design has a wider inlet, so more air can be drawn in. The improved width and angle of its outlet, extra v-blades and a bigger fan ensure comforting warm air to every corner of your room. The outlet angle is different compared to conventional models, enabling a long airflow of 14 metres.

Choose between



Nordic Smart Exclusive



Nordic Comfort

Model Code	AR09NXFSPWKNEE	AR12NXFSPWKNEE
Capacity (Cooling, kW)	2,5	3,5
Capacity (Heating, kW)	3,2	4,0
<b>Energy Efficiency</b>		
SEER (W/W, Energy Label)	8,5	7,7
SCOP (W/W, Energy Label)	4,6	4,5
SEER Energy Efficiency Class for cooling( Grade)	A+++	A++
SCOP Energy Efficiency Class for heating in 'Average' Heating season	A++	A+
SCOP Energy Efficiency Class for heating in 'Colder' Heating season	3,8	3,8
<b>Noise Level</b>		
Sound Power Level ( Indoor, Cooling, dBA)	56	58
Sound Power Level (Outdoor, Cooling, dBA)	59	62
Noise Level ( Indoor, High/Low, dBA)	38/17	40/17
Noise Level ( Outdoor, High/Low, dBA)	44	45
Net Dimension ( outdoor, WxHxD mm)	896x261x261	896x261x261
Net Weight ( Indoor, kg)	10,8	10,8
Net Weight ( Outdoor, kg)	33,6	33,6
Refrigerant ( Type)	R32	R32
Low Ambient ( Cooling)	-15~46 C	-15~46 C
Low Ambient ( Heating)	-25~24 C	-25~24 C
Outdoor Unit ( Anti-Corrosion Fin)	Yes	Yes
<b>Air Flow</b>		
Air Direction Control ( Up/ Down)	Auto	Auto
Air Direction Control ( Left/Right)	Manual	Manual
<b>Air Purification</b>		
Ionizer	No	No
Allergy Care	Yes	Yes
Anti-Bacteria	Yes	Yes
Auto Clean ( Self Cleaning)	Yes	Yes
Easy Filter Plus	Yes	Yes
<b>Convenience</b>		
Smart wifi	No	No
Filter Cleaning Indicator	Yes	Yes
Indoor Temp. Display	Yes	Yes
Beep On/Off	Yes	Yes
Real-Time Timer	Yes	Yes
Auto Changeover	Yes	Yes
Auto Restart	Yes	Yes
<b>Operating Mode</b>		
2 Step Cooling	Yes	Yes
Fast Cool	Yes	Yes
Comfort Cool	Yes	Yes
Good Sleep	Yes	Yes
Single User Mode	Yes	Yes
Dehumidification	Yes	Yes
Fan Mode	Yes	Yes
Quiet	Yes	Yes

## Nordic Comfort



Surprisingly still  
Ultimate comfort

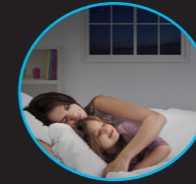
## Easy Filter Plus

Samsung air conditioner has a superior filter mesh that keeps your air fresh and the unit clean. It covers 100 % of the air inlet hole and is coated with a unique anti-bacterial and anti-virus material. Easy Filters Plus filters airborne contaminants and allergens.



## Good Sleep

Good Sleep mode creates the desirable climate for a good night's sleep. With its temperature control, it keeps you comfortable, so you fall asleep fast, sleep deeply, and wake up refreshed.



R32

REFRIGERANT GAS

## Refrigerant R32

Refrigerants are an essential part of air conditioning. So its very important to choose refrigerants that have a low environmental impact. Samsung is presenting a new era of air conditioners with R32 refrigerant, which is more environmentally friendly than it's predecessor R410A.

## Triangle Design Powerful Heating

Samsung Smart Home Exclusive has been designed from the ground up to be outstandingly efficient. Its unique design has a wider inlet, so more air can be drawn in. The improved width and angle of its outlet, extra v-blades and a bigger fan ensure comforting warm air to every corner of your room. The outlet angle is different compared to conventional models, enabling a long airflow of 14 meters.

\*Tested on AR09KSWDHWK compared with Samsung conventional model AQV09TWS.

## Comfort Cool

The Samsung Air Conditioner's unique triangular design improves its performance, circulating cool air faster, farther and wider around your home. Its Digital Inverter also provides significantly greater energy efficiency. The fast cool mode begins by cooling the air fast. It then changes to Comfort Cool mode to maintain the desired temperature, and refreshingly air can reach every corner of your room.



## Ultimate performance



**ENERGY EFFICIENT**  
Energy class A++.



**PERFORMANCE**  
Reliable heat source down to -25°C.



**TRIANGLE DESIGN**  
Its uniquely triangular design has a wider inlet, so more air can be drawn in. Heats faster and wider.



**R32 R32 REFRIGERANT**  
R32 refrigerant protect the ozone layer and reduce global warming.



**EASY FILTER**  
Eliminates dust and allergens, as well as bacteria and viruses.



**SOUND LEVEL**  
Extremely quiet- 17 db.

## Ultimate comfort



**2 STEP COOLING**  
The 2-Step Cooling Mode begins cooling the air fast using its Fast Cool mode.



**5 YEAR WARRANTY**  
Samsung heat pumps have 5 years warranty. Applies only to installation carried out by a certified installer.



**AUTO CLEAN MODE**  
Auto clean function will prevent growth of harmful micro-organisms by eliminating the moisture inside of the unit.



**GOOD SLEEP MODE**  
Good Sleep mode creates the desirable climate for a good night's sleep.



**TIMER**



**DEHUMIDIFICATION MODE**