

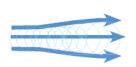
# ABOUT THE NEW SMART COOLING SYSTEM

## 8 individual tornado fans that generate cyclone winds.

 The tornado fan was based on the aerodynamic design of a jet engine to generate a more powerful, efficient wind.

#### Tornado Fan

### Aircraft Jet Engine





## A High Pass Whirlwind fan that rapidly circulates air

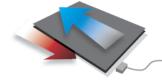
 By adding 3 individual fans to the High Pass Cooling System, the air is circulated further, wider and faster



## High Performance Smart Heat Exchanger

 Rapidly cools the air by transferring a large amount if refrigerant in one go. This is certified as a new technology.





## Samsung AF9000 Specifications

$\overline{}$			South Africa
Category			CO
		Requirements	White / Black
	·		28K
	Capacity (Cooling, Btu/hr)		T1: 28,000, T3: 24,000
	Capacity (Heating, Btu/hr)		H1: 28.000
			T1: 10.4, T3: 7.4
	Energy Efficiency	EER (Cooling, Btu/hW) COP (Heating, W/W)	H1: 3.0
	Noise Level	Indoor High (dB)	51
		Outdoor High/Low (dB)	62/60
Electrical Data	Energy Efficiency	Operating Current (Cooling, A)	T1: 12.2, T3: 15.0
		Operating Current (Heating, A)	H1: 12.5
		Power Consumption (Cooling, W)	T1: 2,600, T3: 3,200
		Power Consumption (Heating, W)	H1: 2,700
			-
	Power Source	Φ/V/Hz	1/220~240V/50Hz
Physical Specification	Dimension	Net Dimension (WxHxD, Indoor)	360X1948X269 (Ф390)
		Net Dimension (WxHxD, Outdoor)	880x950x320
		Gross Dimension (WxHxD, Indoor)	469X2016X469
		Gross Dimension (WxHxD, Outdoor)	1,034x1,064x408
	Weight	Net Weight (Indoor)	30
	Weight.	Net Weight (Outdoor)	61.5
		Shipping Weight (Indoor)	34
		Shipping Weight (Outdoor)	63.5
Technical Information	Piping Length Piping Height	Piping Length (Max) Piping Height (Max)	20
	riping neight	Refrigerant Type	R-410A
	SVC Valve	Liquid (ODxL)	1/4" x 4.9m
	370 10110	Gas (ODxL)	5/8" x 4.9m
Smart		Auto mode	•
		Press the "Smart Sensor" Button during	•
Cooling	Smart Sensor Individual Control Co	Cool Mode	•
	Front Power Cooling (Front outlet)		
Purity	ZERO Filter		0
	Virus Doctor		•
	Full HD Filter Heating		•
Mode	Cooling		•
	Purity		
	Health Dehumidification Operation		•
	Turbo Operation	diver A out A to	•
	Fan Speed(High/Medium/Low/Auto) Auto Mode		•
	Solo/Family		•
	Good Sleep		0
	Quiet Operation		•
Direction of the Wind	Power Long Nature Wide		•
	Center		
	Direct		•
	Indirect		•
Energy Saving	Smart Inverter Auto Cleaning		•
Other	Auto Cleaning Timer(On/Off)		•
	Volume Control		•
Design	Platform		•
	POP Display		•
	Lighting Function		•

## **TURBO COOLING**

## with Powerful Whirlwind Fans

#### **Turbo Jet Cooling**

Three powerful whirlwind-like airflows cool large area quickly and efficiently. The three fans operate Independently to ensure optimum cooling for every situation.



### **Enery Saving**

The Smart Inverter Compressor alters its speed in response to your cooling needs. This energy-efficient operation reduces power wastage and your bill.



#### Healthy, Clean Air

Going beyond mere cooling performance, the Q9000 also cleans and dehumidifies the air and eliminates viruses.



### Sleek & Stylish Design

The space-efficient, compact design adds a modern and sophisticated look to your home.



## SAMSUNG

