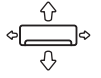


# KAISAI

## AIR CONDITIONER

# floor standing



3D AIR FLOW



TEMPERATURE SENSOR



INTUITIVE CONTROL  
PANEL

**A++**

ENERGY EFFICIENCY



AUTOMATIC  
RESTART

**R32**

ECOLOGICAL  
REFRIGERANT



MULTIFUNCTIONAL  
REMOTE CONTROLLER



SLEEP FUNCTION



SELF-DIAGNOSIS



TIMER



## TECHNICAL DATA

MODEL INDOOR	KFS-50HRFI
MODEL OUTDOOR	KFS-50HRFO
Cooling capacity (min-max) [kW]	14.1 (5.0÷15.5)
Heating capacity (min-max) [kW]	16.1 (4.4÷18.5)
Energy efficiency class cooling/heating	A++ / A+
SEER	6.1
SCOP	4
Power consumption cooling (min-max) [W]	4950 (1158÷5909)
Power consumption heating (min-max) [W]	5200 (1022÷6200)
Operating current cooling (min-max) [A]	8.00 (1.77÷9.97)
Operating current heating (min-max) [A]	8.50 (1.6÷10.54)
Air flow of indoor unit [m <sup>3</sup> /h]	2413/2222/2027
Air flow of outdoor unit [m <sup>3</sup> /h]	7500
Operating temp. indoor cooling/heating [°C]	17÷32/0÷30
Operating temp. outdoor cooling/heating [°C]	-15÷50/-15÷24
Sound pressure of indoor unit dB[A]	55/53/51.5
Sound pressure of outdoor unit dB[A]	65
Dimensions of indoor unit w/d/h [mm]	629x456x1935
Packing of indoor unit w/d/h [mm]	750x575x2055
Net weight of indoor unit [kg]	58.4
Gross weight of indoor unit [kg]	77.1
Dimensions of outdoor unit w/d/h [mm]	952x415x1333
Packing of outdoor unit w/d/h [mm]	1095x495x1480
Net weight of outdoor unit [kg]	106.7
Gross weight of outdoor unit [kg]	119.9
Pipe diameters liquid/gas [mm]	9.52/15.9
Max. length of installation [m]	65
Max. difference in levels [m]	30
Power supply indoor unit [V, Hz, Ph]	220÷240, 50, 1
Power supply outdoor unit [V, Hz, Ph]	380÷420, 50, 3
Protection outdoor unit [A]	16
Power supply wires indoor unit [of wires x mm <sup>2</sup> ]	3x1.5
Power supply wires outdoor unit [of wires x mm <sup>2</sup> ]	5x2.5
Control wires indoor – outdoor unit [of wires x mm <sup>2</sup> ]	2x0.5 shielded
Factory amount of refrigerant up to 5 m [kg]	2.8
Extra amount of refrigerant above 5 m [g/m]	24



## MOST IMPORTANT FUNCTIONS



### R32 ECOLOGICAL REFRIGERANT

R32 offers low GWP (Global Warming Potential) index, better cooling/heating capacity and volumetric efficiency. The volumetric efficiency of R32 is 20% higher than for R410A, which means much lower refrigerant volume charged to the system.

### A++ ENERGY EFFICIENCY

The energy saving technology allows to operate in eco mode, what brings up to 70% savings compared to conventional mode.



### AUTOMATIC RESTART

During a power outage the air conditioner remembers the last settings and restores them once the power is resumed. It does not require reprogramming of the unit after each power outage.



### 3D AIR FLOW

Horizontal and vertical louvers are controlled automatically and ensure uniform temperature distribution in a room as well as optimum air circulation.



### TEMPERATURE SENSOR

The temperature sensor built into the remote control allows measurement of the temperature closer to the user, so that the unit can better adapt to the surrounding area.



### INTUITIVE CONTROL PANEL

Modern white appearance and user-friendly design.