

# auratsu



## **MEET** AURATSU

**Energy efficient air conditioners**

Exceptional functions  
**for your home**



BIO HEPA  
FILTER



COLD CATALYST  
FILTER



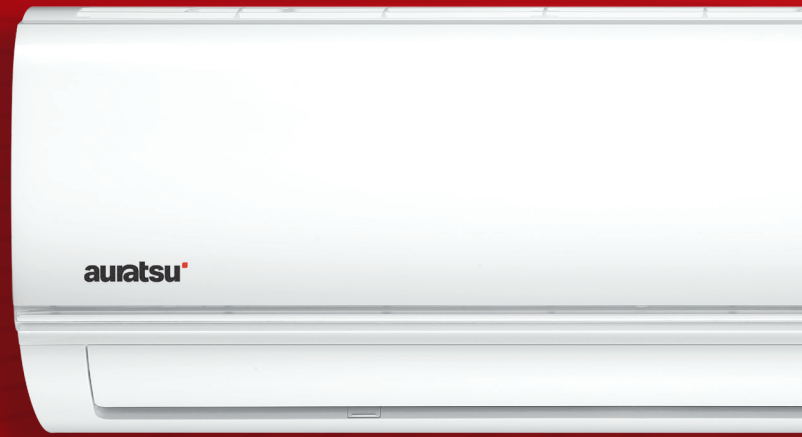
WI-FI  
STANDARD



WIDE RANGE  
OF OPERATING  
TEMPERATURES

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Indoor unit



Outdoor unit

Wireless remote control  
RG10B



## Unusual solutions for you and your home

### FUNCTION



#### MULTI FUNCTIONAL REMOTE CONTROLLER

Evaporator self-cleaning (SELF CLEAN), constant heating 8 °C (HEATING 8 °C), temperature sensor (FOLLOW ME).



#### WIDE RANGE OF OPERATING TEMPERATURES

The air conditioner has a wide range of outside operating temperatures: -15÷50 °C in cooling mode and -25÷30 °C in heating mode.



#### WI-FI STANDARD

Thanks to the Wi-Fi module the air conditioning can be controlled with the use of a mobile phone or tablet.



#### COMPRESSOR AND CONDENSATE TRAY HEATERS

The compressor crankcase heater prevents refrigerant absorption by the oil that may occur when the temperature drops. The drip tray heater supports the air conditioner's operation in the heating mode by preventing the drip tray from fouling, thus improving its efficiency and minimizing the risk of fan failure.



#### WIRED CONTROLLER (OPTION)

In addition to the standard wireless remote control, there is an option of connection via wired remote control.

### TECHNICAL DATA

MODEL INDOOR	AWX-09KTHI	AWX-12KTHI	AWX-18KTHI	AWX-24KTHI
MODEL OUTDOOR	AWX-09KTHO	AWX-12KTHO	AWX-18KTHO	AWX-24KTHO
Cooling capacity (min-max) (kW)	2,6(0,9÷3,4)	3,5(1,1÷4,2)	5,3(2,9÷5,8)	7,0(2,1÷7,9)
Heating capacity (min-max) (kW)	2,9(0,8÷3,4)	3,8(1,1÷4,2)	5,6(3,1÷5,8)	7,3(1,6÷7,9)
Energy efficiency class cooling/heating	A++/A+	A++/A+	A++/A+	A++/A+
SEER (average)	6,3	6,1	7,4	6,1
SCOP (average)	4,0	4,0	4,0	4,0
Power consumption cooling (min-max) (W)	732(100÷1240)	1213(130÷1580)	1550(560÷2050)	2600(420÷3150)
Power consumption heating (min-max) (W)	733(120÷1200)	1088(100÷1680)	1570(780÷2000)	2400(300÷2750)
Operating current cooling (A)	3,2(0,4÷5,4)	5,3(0,5÷6,9)	6,7(2,4÷8,9)	11,5(1,8÷13,8)
Operating current heating (A)	3,2(0,5÷5,2)	4,7(0,4÷6,9)	6,8(3,4÷8,7)	11,0(1,3÷12,2)
Air flow of indoor unit (m³/h)	466/360/325	540/430/314	840/680/540	980/817/662
Air flow of outdoor unit (m³/h)	1750	1800	2100	3500
Operating temp. indoor cooling/heating (°C)	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30
Operating temp. outdoor cooling/heating (°C)	-15÷50/-25÷30	-15÷50/-25÷30	-15÷50/-25÷30	-15÷50/-25÷30
Sound pressure of indoor unit dB(A)	38,5/32/25	40,5/34,5/25	42,5/36/26	45/40,5/36
Sound pressure of outdoor unit dB(A)	55,5	56	56	59
Dimensions of indoor unit w/h/d (mm)	805/285/194	805/285/194	957/302/213	1040/327/220
Dimensions of outdoor unit w/h/d (mm)	720/495/270	720/495/270	805/554/330	890/673/342
Packing of indoor unit w/h/d (mm)	870/365/270	870/365/270	1035/385/295	1120/405/315
Packing of outdoor unit w/h/d (mm)	835/540/300	835/540/300	915/615/370	995/740/398
Net weight of indoor unit (kg)	7,6	7,6	10,0	12,3
Net weight of outdoor unit (kg)	23,2	23,2	32,7	42,9
Gross weight of indoor unit (kg)	9,7	9,8	13,0	15,8
Gross weight of outdoor unit (kg)	25,0	25,0	35,4	45,9
Pipe diameters liquid/gas (mm)	6,35/9,52	6,35/9,52	6,35/12,7	9,52/11,9
Max. length of installation (m)	25	25	30	50
Max. difference in levels (m)	10	10	20	25
Power supply outdoor unit (V/Hz/Ph)	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1
Protection outdoor unit (A)	10	16	16	20
Power supply wires outdoor unit (of wires x mm²)	3x1,5	3x1,5	3x2,5	3x2,5
Control wires indoor – outdoor unit (of wires x mm²)	5x1,5	5x1,5	5x1,5	5x1,5
Factory amount of refrigerant up to 5 m (kg)	0,55	0,55	1,08	1,42
Extra amount of refrigerant above 5 m (g/m)	12	12	12	24