

NEW Comfort Range (KNCA/KNTA models)

The new Fujitsu General Comfort range of wall mounted heat pumps / air conditioning units is the latest solution for energy efficient, all-year-round climate control for the home.

With an award-winning design, the Comfort range is a reliable and trusted solution with a selection of options to suit almost any room.

The Comfort range operates with R32 refrigerant, which improves heat transfer and, compared to the commonly used R410A refrigerant, has a 67 per cent² lower 'Global Warming Potential Factor' whilst still maintaining the performance of the unit. Available in seven models, the Comfort range has strong maximum heating capacity and features super-quiet mode and powerful operation mode.



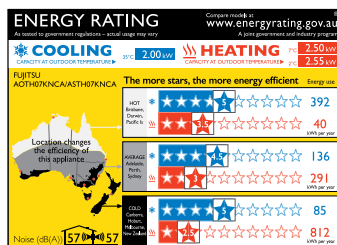
FEATURES

Award-winning design

The Comfort range has been awarded the internationally acclaimed Red Dot Design Award¹ (ASTH7/9), and the Good Design Award (ASTH12/14) from the Japan Institute of Design Promotion. Highly desirable recognitions of good design, the Comfort range indoor units are compact and feature a modern aesthetic, making them a subtle solution for indoor comfort in a wide variety of interiors.

Energy saving

Fujitsu heat pumps / air conditioners display the Zoned Energy Rating Label (ZERL). The star ratings reflect how the heat pump / air conditioner will perform over three distinct climate zones across Australia and New Zealand (HOT, AVERAGE and COLD) and allows an annual electricity figure to be calculated. The Comfort range has an average energy performance of up to 5 stars in a COLD climate in cooling and up to 2.5 stars in heating.



R32 refrigerant

Refrigerants play a vital role in how a heat pump / air conditioner works. Compared to the commonly used R410A refrigerant, R32 has a 67 per cent² lower 'Global Warming Potential Factor' whilst still maintaining the performance of the unit.

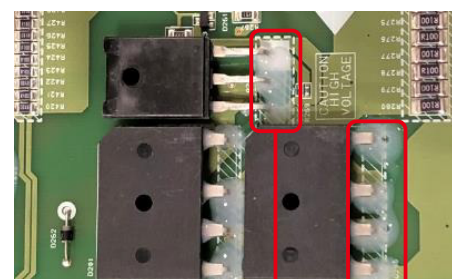


Simple comfort control

Simple comfort control can be enabled via the easy-to-use wireless remote controller. Super-quiet mode means fans operate at low speed and produce less noise. Powerful operation mode allows the system to reach the temperature setting quickly, and precise temperature control enables the set temperature to be adjusted in 0.5°C increments.

High durability

The high voltage components of the PCB are coated with silicone and improved corrosion resistance is achieved through the blue fin treatment of the outdoor unit's heat exchanger.



Silicone coating

¹<https://www.red-dot.org/project/fujitsu-kp-series-38817>

²<https://www.ipcc.ch/assessment-report/ar4/>

FUJITSU GENERAL ASSIST

Fujitsu General's in-house customer care and technical support team, Fujitsu General Assist, offers a high level of technical and local aftersales support.



Fujitsu General believes in the quality and reliability of every product we sell. Our 6 year parts and labour warranty applies to residential applications when installed by a Fujitsu Accredited Installer. A standard 5 year warranty applies otherwise. Please visit www.fujitsugeneral.co.nz/help-centre/warranty-information for more information.



SPECIFICATIONS

Model No.	Indoor Unit		ASTH07KNCA	ASTH09KNCA	ASTH12KNCA	ASTH14KNCA	ASTH18KNTA	ASTH22KNTA	ASTH24KNTA
	Outdoor Unit		AOTH07KNCA	AOTH09KNCA	AOTH12KNCA	AOTH14KNCA	AOTH18KNTA	AOTH22KNTA	AOTH24KNTA
Power Source		V / Ph / Hz	220-240 / 1 / 50						
Capacity	Cooling	kW	2	2.5	3.4	4.2	5	6	7.1
	Heating		2.5	3.2	4	4.7	5.2	6.5	8
Input Power	Cooling/Heating	kW	0.48	0.59	0.96	1.23	1.44	1.78	2.2
EER	Cooling	kW/kW	4.17	4.24	3.54	3.41	3.47	3.37	3.23
COP	Heating		3.97	4.16	4	4.16	3.91	3.51	3.85
Star Rating	Cooling: Hot/Average/Cold		5 / 4.5 / 5	5 / 4.5 / 4.5	4 / 3.5 / 4	4 / 3.5 / 4	3.5 / 3.5 / 3.5	3.5 / 3.5 / 3.5	3.5 / 3 / 3.5
	Heating: Hot/Average/Cold		3.5 / 3 / 2.5	3.5 / 3 / 2.5	3 / 2.5 / 2	3.5 / 3 / 2	3 / 2.5 / 2	3 / 2 / 1.5	3.5 / 2.5 / 2
Max. Operating Current		A	9	9	9	9	13	13.5	17
Recommended Breaker Size		A	15	15	15	15	16	16	20
Sound Pressure Level	Indoor (Cooling)	Quiet/High	dBA	22 / 45	22 / 46	20 / 40	20 / 43	27 / 49	31 / 48
	Indoor (Heating)	Quiet/High		26 / 45	26 / 46	22 / 42	24 / 44	29 / 46	31 / 48
	Outdoor (Cooling/Heating)	High		45 / 46	49 / 51	50 / 50	50 / 50	49 / 49	54 / 53
Sound Power Level	Outdoor	High		57	62	65	65	61	68
Airflow Rate	Indoor (Cooling)	Quiet/High	m3/h	240 / 580	240 / 630	270 / 700	280 / 770	360 / 810	420 / 880
	Indoor (Heating)	Quiet/High		260 / 580	260 / 630	330 / 780	340 / 820	390 / 810	420 / 880
Dimensions H x W x D	Indoor		mm	270 × 784 × 224		270 × 834 × 215		270 × 834 × 232	
	Outdoor			541 × 663 × 290			542 × 799 × 290		632 × 799 × 290
Net Weight	Indoor		kg	8	8	9.5	10	11	12.5
	Outdoor			23	25	25	31	33	36
Connection Pipe Diameter (Liquid/Gas)		mm	Ø6.35 / Ø9.52				Ø6.35 / Ø12.70		
Drain Hose Diameter (I.D./O.D.)			Ø13.0 / Ø15.0 to Ø16.8				Ø13.0 / Ø15.8 to Ø16.7		
Max Pipe Length (Pre-Charge)		m	20 (15)	20 (15)	20 (15)	20 (15)	25 (15)	25 (15)	30 (15)
Max Height Difference			15	15	15	15	20	20	25
Operation Range	Outdoor	Cooling	°CDB	-10 to 50	-10 to 50	-10 to 50	-10 to 50	-10 to 50	-10 to 50
		Heating (Heating)		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32	R32	R32	R32	R32	R32	R32
	Charge	kg	550	590	700	850	890	960	1200

OPTIONAL PARTS

Wired Remote Controller: UTY-RNRYT*, UTY-RNRYZ*
Simple Remote Controller: UTY-RSRY, UTY-RSRYT, UTY-RHRY, UTY-RHRYT
Communication Kit: UTY-TWRXZ2
External Connect Kit: UTY-XWZX, UTY-XWZXZ5

External Input & Output PCB:
Network Converter For Single Split:
Network Converter For Single Split (AC Power Supply Type):
KNX® Converter:

UTY-XCSXZ2
UTY-VTGX
UTY-VTGXV
UTY-VKSX

MODBUS® Converter: UTY-VMSX
External Switch Controller: UTY-TERX

*Optional communication kit (UTY-TWRXZ2) required for installation

Please refer to specifications before installation and servicing this product. Only persons and/or companies qualified and experienced in the installation, service and repair of refrigerant products should be permitted to do so. The purchaser must ensure that the person and/or company who is to install, service or repair this air conditioner has qualifications and experience in refrigerant products. Suitable access for warranty and service is required. Future improvement, specifications, designs of product and availability are subject to change without notice. All Capacity and Energy Efficiency ratings are based on AS/NZS3823.2. Running current is at rated conditions (AS3823) and does not include compressor start-up or variations in power supply and load conditions.

Note: Specifications are based on the following conditions.
Cooling: Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB.
Heating: Indoor temperature of 20°CDB / 15°CWB, and outdoor temperature of 7°CDB / 6°CWB.
Pipe length: 7.5m; Height difference between outdoor unit and indoor unit: 0m. Voltage: 230V.

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