

NEW PRODUCT RELEASE

High Static R32 Ducted

The new Fujitsu General High Static R32 range demonstrates Fujitsu General's ongoing commitment to lowering the environmental impact and global warming potential of its products.

The High Static R32 ducted range includes Single Phase R32, Single Phase R32 High Performance (HP), and Three Phase (R32) models.



*UTY-RNRY included



ARTH24KHTA

High Static R32 Ducted Range

Each model operates with R32 refrigerant, which has a 67 per cent lower 'Global Warming Potential Factor', compared to R410A refrigerant, while still maintaining the performance of the unit¹. The range features the same lightweight and compact indoor unit chassis design² and is available in an extended lineup with four new models, totaling 15 models ranging in capacity from 7.1kW to 16kW.

All models have a maximum guaranteed operating temperature range of up to 50 degrees in cooling mode, have Demand Response enabled, and are Zone System compatible.



ARTH24/30/36KHTA



ARTH45/54/60KHTA



ARTH60KHTB



AOTH24KBTA



AOTH30/36KBTA
AOTH36KRTA



AOTH30/36KCTA
AOTH45/54KBTA
AOTH45/54KRTA



AOTH45/54/60KCTA
AOTH60KBTA
AOTH60KRTA

Extended line-up

The High Static Single Phase R32 line-up features six models ranging in capacity from 7.1kW to 15.5kW. The High Static Single Phase R32 (High Performance) range is available in five models, from 8.5kW to 16kW. The High Static Three Phase R32 range is available in four models, ranging in capacity from 10kW to 15.5kW.

Same compact indoor design

The High Static R32 ducted range features the same lightweight and compact indoor unit chassis design to enable the continuation of installation ease and flexibility².

Improved ambient operating temperature range

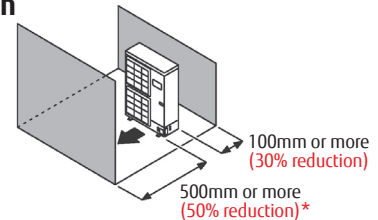
The maximum guaranteed ambient operating temperature range during cooling has increased from 46 to 50 degrees on the new High Static ducted R32 models.

Improved energy efficiency

The High Static R32 ducted models are up to 19.7 per cent more energy efficient across the range³ compared to previous models.

Flexible Installation

The reduction in spacing requirements enables more flexibility around the installation in narrow spaces, with only 500mm of clearance space required off the front of both the single and double fan outdoor units.



*Compared to the R410a Double Fan outdoor

Zone Control Compatible

The High Static R32 ducted models are compatible with a 2 wire zone controller along with our anywAIR technology ducted controller.

Demand Response Enabled

The High Static R32 ducted models have been designed to be compatible with the air conditioning Demand Enabled Response program without requiring any additional parts.

¹<https://www.ipcc.ch/assessment-report/ar4/> ²Excluding the ARTH60KHTB 16kW High Performance Model ³Improved energy efficiency of 19.7% (on the COP of the ARTH30KHTA (4.55) vs ARTG30LHTA (3.8))

Specifications - High Static Single Phase R32

Set No.		SET-ARTH24KHTA	SET-ARTH30KHTA	SET-ARTH36KHTA	SET-ARTH45KHTA	SET-ARTH54KHTA	SET-ARTH60KHTA	
Model No.	Indoor Unit	ARTH24KHTA	ARTH30KHTA	ARTH36KHTA	ARTH45KHTA	ARTH54KHTA	ARTH60KHTA	
	Outdoor Unit	AOTH24KBTA	AOTH30KBTA	AOTH36KBTA	AOTH45KBTA	AOTH54KBTA	AOTH60KBTA	
Power Source		V / Ph / Hz	220-240 / 1 / 50					
Capacity	Cooling	kW	7.10 (1.80 - 8.10)	8.50 (2.80 - 10.30)	10.00 (2.80 - 11.40)	12.50 (4.00 - 14.00)	14.00 (4.50 - 15.00)	15.50 (5.00 - 16.50)
	Heating		8.00 (2.00 - 9.10)	10.00 (2.70 - 11.30)	11.20 (2.70 - 14.00)	14.00 (4.20 - 16.50)	15.50 (4.70 - 18.00)	18.00 (5.10 - 19.00)
Input Power	Cooling	kW	2.14 (2.53)	2.35 (3.47)	3.08 (4.01)	3.8 (5.16)	4.64 (5.17)	4.94 (6.02)
	Heating		2.05 (2.45)	2.35 (4.12)	2.80 (4.21)	3.42 (5.22)	4.40 (5.23)	4.89 (6.74)
EER	Cooling	kW/kW	3.32	3.62	3.25	3.29	3.02	3.14
COP	Heating		3.90	4.26	4.00	4.09	3.52	3.68
Star Rating	Cooling: Hot/Average/Cold		3 / 3 / 3		3 / 2.5 / 3		2.5 / 2.5 / 2.5	
	Heating: Hot/Average/Cold		3 / 2.5 / 1.5		3 / 2.5 / 1.5		3 / 2.5 / 1.5	
Total Cooling Seasonal Performance Factor Residential: Hot		kW	4.912	4.695	4.642	4.612	4.339	4.378
Total Cooling Seasonal Performance Factor Residential: Average		kW	4.611	4.469	4.426	4.403	4.147	4.193
Total Cooling Seasonal Performance Factor Residential: Cold		kW	4.875	4.637	4.675	4.635	4.390	4.416
Heating Seasonal Performance Factor Residential: Hot		kW	4.825	4.610	4.720	4.766	4.691	4.487
Heating Seasonal Performance Factor Residential: Average		kW	4.110	4.211	4.073	4.208	3.937	3.885
Heating Seasonal Performance Factor Residential: Cold		kW	3.444	3.654	3.429	3.574	3.306	3.310
Total Cooling Seasonal Performance Factor Commercial: Hot		kW	5.299	4.982	4.972	4.928	4.647	4.673
Total Cooling Seasonal Performance Factor Commercial: Average		kW	5.489	5.065	5.144	5.083	4.816	4.821
Total Cooling Seasonal Performance Factor Commercial: Cold		kW	5.931	5.397	5.544	5.465	5.195	5.181
Heating Seasonal Performance Factor Commercial: Hot		kW	4.831	4.600	4.720	4.764	4.706	4.491
Heating Seasonal Performance Factor Commercial: Average		kW	4.410	4.350	4.340	4.410	4.101	4.135
Heating Seasonal Performance Factor Commercial: Cold		kW	3.707	3.895	3.670	3.901	3.573	3.523
Running Current (Cooling/Heating)		A	9.4 / 9	10.4 / 10.4	13.6 / 12.3	16.7 / 15	20.4 / 19.3	21.7 / 21.4
Moisture Removal		l/hr	0.5	0.1	1.4	0.9	1.6	2.8
Indoor Sound Pressure Cooling	Quiet/High	dBA	34 / 27		41 / 36		43 / 35	
Indoor Sound Pressure Heating	Quiet/High						45 / 36	
Outdoor Sound Pressure Cooling/Heating			48 / 50		51 / 53		53 / 53	
Outdoor Sound Power			68	69	70	71	72	71
Static Pressure Range (Min to Max)		PA	60 to 210			60 to 260		
Air Circulation (Indoor - High Fan) Cooling		l/sec	500		695		903	
Air Circulation (Indoor - High Fan) Heating							986	
Dimensions H x W x D	Indoor	mm	400 x 1050 x 500			425 x 1250 x 490		
	Outdoor		716 x 820 x 315		788 x 940 x 320		998 x 940 x 320	
Net Weight	Indoor	kg	38.00		39.00		53.00	
	Outdoor		42.00		52.00		67.00	
Piping Connects (Liquid/Gas)		mm	Ø6.35 / Ø12.70		Ø9.52 / Ø15.88			
Pipe Length (Max/Precharged)		m	30 (20)		50 (30)			
Max Height Difference			25		30			
Operation Range Cooling (Min to Max)		°CDB	-10 to 50					
Operation Range Heating (Min to Max)			-15 to 24					
Refrigerant Type			R32					
Refrigerant Amount		g	1250		1900		2700	

Fujitsu General Assist

Technical Support

Fujitsu General Assist deploys Fujitsu trained technicians in Sydney, Melbourne, Brisbane, Adelaide and Perth and provides access to dedicated Service Agents in all other parts of Australia. These technicians are well equipped with the necessary tools and spare parts to enable them to resolve issues onsite, promptly, offering customers a high first time fix rate and seamless experience.

Exceptional After Sales Service

At Fujitsu, we pride ourselves on providing exceptional customer service. Fujitsu General Assist is our in-house customer care and technical support department which was implemented to deliver a high level of support and accessibility to our customers.



Peace of Mind

Fujitsu believe in the quality and reliability of every air conditioner we sell, providing a 5 years warranty for domestic applications.



Specifications - High Static Single Phase R32 HP (High Performance)

Set No.		SET-ARTH30KHTA-HP	SET-ARTH36KHTA-HP	SET-ARTH45KHTA-HP	SET-ARTH54KHTA-HP	SET-ARTH60KHTB	
Model No.	Indoor Unit	ARTH30KHTA	ARTH36KHTA	ARTH45KHTA	ARTH54KHTA	ARTH60KHTB	
	Outdoor Unit	AOTH30KCTA	AOTH36KCTA	AOTH45KCTA	AOTH54KCTA	AOTH60KCTA	
Power Source		V / Ph / Hz	220-240 / 1 / 50				
Capacity	Cooling	kW	8.50 (4.10 - 11.00)	10.00 (5.00 - 13.00)	12.50 (5.6 - 14.50)	14.00 (6.30 - 16.50)	16.00 (7.40 - 17.50)
	Heating		10.00 (4.20 - 12.00)	12.50 (5.20 - 15.00)	15.00 (5.20 - 17.00)	16.50 (5.80 - 18.50)	18.00 (7.40 - 20.50)
Input Power	Cooling	kW	2.18 (3.36)	2.60 (5.01)	3.43 (4.39)	3.91 (5.35)	4.82 (5.31)
Input Power	Heating		2.20 (3.12)	2.94 (4.65)	3.49 (4.46)	4.00 (4.49)	4.63 (5.19)
EER	Cooling	kW/kW	3.90	3.85	3.61	3.58	3.32
COP	Heating		4.55	4.25	4.30	4.13	3.89
Star Rating	Cooling: Hot/Average/Cold		3 / 3 / 3			3 / 2.5 / 3	
	Heating: Hot/Average/Cold		3 / 3 / 2	3 / 2.5 / 2	3 / 2.5 / 2	2.5 / 2.5 / 2	3 / 2.5 / 1.5
Total Cooling Seasonal Performance Factor Residential: Hot		kW	4.833	4.964	4.785	4.666	4.533
Total Cooling Seasonal Performance Factor Residential: Average		kW	4.593	4.727	4.573	4.464	4.342
Total Cooling Seasonal Performance Factor Residential: Cold		kW	4.727	4.900	4.760	4.642	4.555
Heating Seasonal Performance Factor Residential: Hot		kW	4.856	4.912	4.702	4.400	4.521
Heating Seasonal Performance Factor Residential: Average		kW	4.509	4.377	4.305	4.028	4.001
Heating Seasonal Performance Factor Residential: Cold		kW	3.994	3.733	3.753	3.502	3.428
Total Cooling Seasonal Performance Factor Commercial: Hot		kW	5.108	5.264	5.079	4.947	4.828
Total Cooling Seasonal Performance Factor Commercial: Average		kW	5.148	5.347	5.180	5.040	4.962
Total Cooling Seasonal Performance Factor Commercial: Cold		kW	5.458	5.694	5.528	5.375	5.320
Heating Seasonal Performance Factor Commercial: Hot		kW	4.843	4.909	4.693	4.388	4.519
Heating Seasonal Performance Factor Commercial: Average		kW	4.624	4.580	4.446	4.154	4.195
Heating Seasonal Performance Factor Commercial: Cold		kW	4.201	4.043	3.992	3.729	3.734
Running Current (Cooling/Heating)		A	9.6 / 9.7	11.4 / 12.9	15.1 / 15.3	17.2 / 17.5	21.1 / 20.3
Moisture Removal		l/hr	0.1	1.4	0.9	1.6	3.4
Indoor Sound Pressure Cooling	Quiet/High	dBA	41 / 36		43 / 35	45 / 36	44 / 39
Indoor Sound Pressure Heating	Quiet/High						
Outdoor Sound Pressure Cooling/Heating			51 / 53	53 / 53		53 / 55	
Outdoor Sound Power			69	70		71	
Static Pressure Range (Min to Max)		PA	60 to 210		60 to 260		60 to 250
Air Circulation (Indoor - High Fan) Cooling		l/sec	695		903	986	1139
Air Circulation (Indoor - High Fan) Heating							
Dimensions H x W x D	Indoor	mm	400 x 1050 x 500		425 x 1250 x 490		360 x 1400 x 850
	Outdoor		998 x 940 x 320		1418 x 970 x 370		
Net Weight	Indoor	kg	39.00		53.00		69.00
	Outdoor		64.00	67.00	95.00	101.00	
Piping Connects (Liquid/Gas)		mm	Ø9.52 / Ø15.88				
Pipe Length (Max/Precharged)		m	75 (30)				
Max Height Difference			30				
Operation Range Cooling (Min to Max)		°CDB	-10 to 50				
Operation Range Heating (Min to Max)			-15 to 24				
Refrigerant Type		R32					
Refrigerant Amount		g	2,100	2,500	3,400	3,800	

Optional Parts

UTY-ANY1	anywAiR technology ducted controller	UTY-RNRT	Wired Backlight Controller	UTY-VMSX	MODBUS Converter for Indoor Unit
UTY-CDPXZC	Zone Control Interface Module (8 Zones, 240V)	UTY-RNRYT5	Wired Remote Controller - Touch Panel	UTY-VTGX	Network Converter
UTY-CDPXZD	Zone Control Interface Module (8 Zones, 240V)	UTY-RSNYN	Simplified Wired Controller	UTY-VTGXV	Network Converter for single split (for 2 RC)
UTY-CDRXZC	Zone Control Interface Module (R32, 8 Zones, 240V)	UTY-RSRYT	Wired Remote Controller	UTY-XCSX	External Input and Output PCB (LHTDP)
UTY-CDRXZD	Zone Control Interface Module (R32, 8 Zones, 240V)	UTY-RVNYN	Wired Backlight Controller	UTY-XSZXT	Remote Sensor
UTY-FGAN1	anywAiR technology Wi-Fi Adapter	UTY-TERX	External Switch Controller Adaptor	UTY-XWZXG	External Wire with Connector
UTY-LBTYM	Infra Red Receiver Unit for Ducted Models	UTY-VKSX	KNX Converter Interface	UTZ-GXEA	External Input and Output PCB Box
UTY-RHRYT	Wired Remote Controller				

Specifications - High Static Three Phase R32

Set No.		SET-ARTH36KHTA-3PH	SET-ARTH45KHTA-3PH	SET-ARTH54KHTA-3PH	SET-ARTH60KHTA-3PH	
Model No.	Indoor Unit	ARTH36KHTA	ARTH45KHTA	ARTH54KHTA	ARTH60KHTA	
	Outdoor Unit	AOTH36KRTA	AOTH45KRTA	AOTH54KRTA	AOTH60KRTA	
Power Source		V / Ph / Hz	400 / 3 / 50			
Capacity	Cooling	kW	10.00 (2.8 - 11.4)	12.50 (4 - 14)	14.00 (4.5 - 15)	15.50 (5 - 16.5)
	Heating		11.20 (2.7 - 14)	14.00 (4.2 - 16.5)	15.50 (4.7 - 18)	18.00 (5.1 - 19)
Input Power	Cooling	kW	3.08 (4.01)	3.8 (5.16)	4.64 (5.17)	4.94 (6.02)
	Heating		2.8 (4.21)	3.42 (5.22)	4.4 (5.23)	4.89 (6.74)
EER	Cooling	kW/kW	3.25	3.29	3.02	3.14
COP	Heating		4	4.09	3.52	3.68
Star Rating	Cooling: Hot/Average/Cold		3 / 2.5 / 3	3 / 2.5 / 3	2.5 / 2.5 / 2.5	2.5 / 2.5 / 2.5
	Heating: Hot/Average/Cold		3 / 2.5 / 1.5	3 / 2.5 / 2	3 / 2 / 1.5	2.5 / 2 / 1.5
Total Cooling Seasonal Performance Factor Residential: Hot		kW	4.642	4.612	4.339	4.378
Total Cooling Seasonal Performance Factor Residential: Average		kW	4.426	4.403	4.147	4.193
Total Cooling Seasonal Performance Factor Residential: Cold		kW	4.675	4.635	4.390	4.416
Heating Seasonal Performance Factor Residential: Hot		kW	4.720	4.766	4.691	4.487
Heating Seasonal Performance Factor Residential: Average		kW	4.073	4.208	3.937	3.885
Heating Seasonal Performance Factor Residential: Cold		kW	3.429	3.574	3.306	3.310
Total Cooling Seasonal Performance Factor Commercial: Hot		kW	4.972	4.928	4.647	4.673
Total Cooling Seasonal Performance Factor Commercial: Average		kW	5.144	5.083	4.816	4.821
Total Cooling Seasonal Performance Factor Commercial: Cold		kW	5.544	5.465	5.195	5.181
Heating Seasonal Performance Factor Commercial: Hot		kW	4.720	4.764	4.706	4.491
Heating Seasonal Performance Factor Commercial: Average		kW	4.340	4.410	4.101	4.135
Heating Seasonal Performance Factor Commercial: Cold		kW	3.670	3.901	3.573	3.523
Running Current (Cooling/Heating)		A	5.2 / 4.7	6.4 / 5.7	7.7 / 7	7.8 / 7.9
Moisture Removal		l/hr	1.4	0.9	1.6	2.8
Indoor Sound Pressure Cooling	Quiet/High	dBA	41 / 36	43 / 35	45 / 36	
Indoor Sound Pressure Heating	Quiet/High					
Outdoor Sound Pressure Cooling/Heating			53 / 53	55 / 57		53 / 55
Outdoor Sound Power			70	71	72	71
Static Pressure Range (Min to Max)		PA	60 to 210	60 to 260		
Air Circulation (Indoor - High Fan) Cooling		l/sec	695	903	986	
Air Circulation (Indoor - High Fan) Heating						
Dimensions H x W x D	Indoor	mm	400 x 1050 x 500	425 x 1250 x 490		
	Outdoor		788 x 940 x 320	998 x 940 x 320		1418 x 970 x 370
Net Weight	Indoor	kg	39.00	53.00		
	Outdoor		53.00	67		96.00
Piping Connects (Liquid/Gas)		mm	Ø9.52 / Ø15.88			
Pipe Length (Max/Precharged)		m	50 (30)			
Max Height Difference			30			
Operation Range Cooling (Min to Max)		°CDB	-10 to 50			
Operation Range Heating (Min to Max)			-15 to 24			
Refrigerant Type		R32				
Refrigerant Amount		g	1,900	2,700	3,400	

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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