

R32 PAC (450mm Bulkhead / Bulkhead / Compact Cassette / Floor)

Fujitsu General expands its R32 product offering with most air conditioners under 9kW now available using R32 refrigerant. New R32 models include Compact Cassette, Bulkhead and Floor.

NEW 450mm BULKHEAD



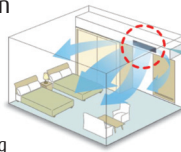
High Energy Saving

Top level EER and COP is achieved by the new R32 PAC models.

EER	09	3.91	COP	09	4.00
	12	3.57		12	3.64
	18	3.38		18	3.47

Compact Design

Installation space can be reduced down to minimum depth: 550mm height: 203mm Lightweight: 15.5kg
(See Installation Manual for install configurations)



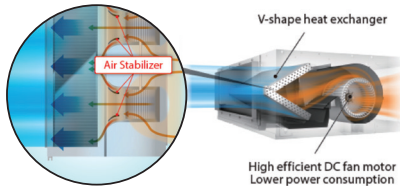
Easy to Maintain

By using the DC fan motor, it is possible to change the static pressure range from 0 to 50 Pa. (9/12 model : 0 to 30 Pa.) Parts can be replaced from the side of the body where maintenance is easier.



Optimum Airflow Path and Low Noise Operation

The unit features an optimum airflow path design resulting in low noise operation.



Auto Louver Grille Kit (option)

An optional Auto Louver Grille Kit is available to enable air to flow all the way down to the floor.

BULKHEAD



High Energy Saving

Top level EER and COP is achieved by the new R32 PAC models.

EER	09	4.10	COP	09	4.16
	12	3.76		12	3.81
	18	3.62		18	3.75

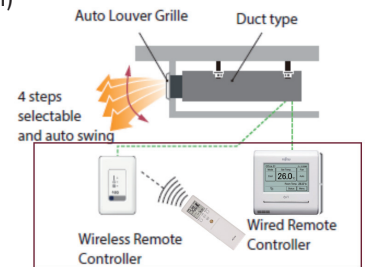
Flexible Static Pressure

By using the DC fan motor, it is possible to change the static pressure range from 0 to 90 Pa. The change of static pressure range is possible by the remote controller.



Auto Louver Grille Kit (Option)

A simple flat auto louver provides comfortable airflow with a contemporary style.



Compact Design

Bulkhead type ducted air conditioners are designed to allow for flexible installation in the best available space.

COMPACT CASSETTE



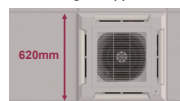
High Energy Saving

Top level EER and COP is achieved with the new R32 PAC models.

EER	09	4.46	COP	09	4.21
	12	3.89		12	3.85
	18	3.45		18	3.51

Compact Design of Grille

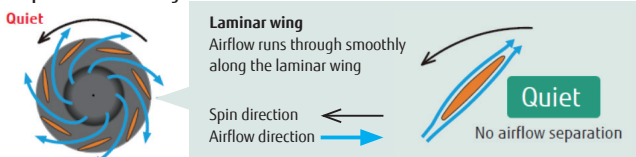
Compact and stylish panel design suitable for grid type ceiling.



Quiet Operation

Optimisation of wing form (laminar wing type) and wing number (7 blades each).

Adoption of laminar wing



2-stage Turbo Fan

Produces two separate airflow streams allowing air to be distributed evenly across the heat exchanger.

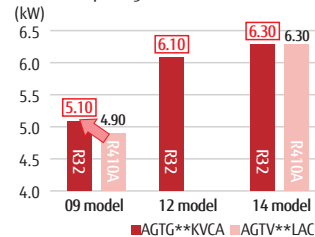


FLOOR

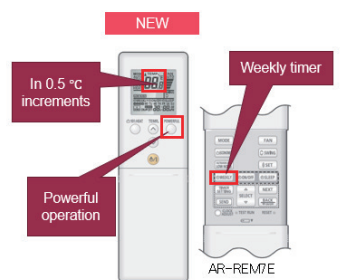


High Maximum Capacity

The maximum heating capacity is higher when comparing old model with the new.

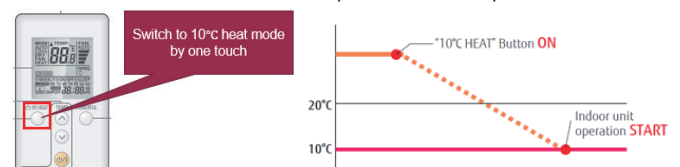


New Remote Controller



Heat Mode Operation

It's possible to switch to 10°C heat mode operation at the touch of a button from the remote controller. This feature ensures the room temperature does not drop lower than 10°C.



SPECIFICATIONS

Line Up		450mm Bulkhead			Bulkhead			Compact Cassette			Floor				
Model No.	Indoor Unit	ARTH09KSLAP	ARTH12KSLAP	ARTH18KSLAP	ARTH09KLLAP	ARTH12KLLAP	ARTH18KLLAP	AUTH09KVLVA	AUTH12KVLVA	AUTH18KVLVA	AGTG09KVCA	AGTG12KVCA	AGTG14KVCA		
	Outdoor Unit	AOTH09KBTA	AOTH12KBTA	AOTH18KBTA	AOTH09KBTA	AOTH12KBTA	AOTH18KBTA	AOTH09KBTA	AOTH12KBTA	AOTH18KBTA	AOTG09KVCA	AOTG12KVCA	AOTG14KVCA		
	Grille	-	-	-	-	-	-	UTG-UFYF-W			-	-	-		
Power Source		V / Ph / HZ	240 / 1 / 50			240 / 1 / 50			240 / 1 / 50			240 / 1 / 50			
Capacity	Cooling	kW	2.5 (0.9-3.6)	3.5 (0.9-4.1)	5.0 (0.9-5.9)	2.5 (0.9-3.6)	3.5 (0.9-4.1)	5.0 (0.9-5.9)	2.5 (0.9-3.6)	3.5 (0.9-4.1)	5.0 (0.9-5.9)	2.5 (0.9-3.5)	3.5 (0.9-4.3)	4.2 (0.9-5.2)	
	Heating	kW	3.2 (0.9-4.5)	4.0 (0.9-5.1)	6.0 (0.9-7.1)	3.2 (0.9-4.8)	4.0 (0.9-5.5)	6.0 (0.9-7.5)	3.2 (0.9-4.5)	4.0 (0.9-5.1)	6.0 (0.9-7.1)	3.5 (0.9-5.3)	4.5 (0.9-6.1)	5.2 (0.9-6.5)	
Input Power	Cooling	kW	0.64	0.98	1.48	0.61	0.93	1.38	0.56	0.90	1.45	0.53	0.85	1.10	
	Heating	kW	0.80	1.10	1.73	0.77	1.05	1.60	0.76	1.04	1.71	0.82	1.11	1.41	
EER	Cooling	kW / kW	3.91	3.57	3.38	4.10	3.76	3.62	4.46	3.89	3.45	4.70	4.10	3.80	
COP	Heating	kW / kW	4.00	3.64	3.47	4.16	3.81	3.75	4.21	3.85	3.51	4.27	4.05	3.70	
Star Rating	Cooling: Hot / Average / Cold		- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	5.5 / 5 / 5	4.5 / 4 / 4.5	4 / 4 / 4	
	Heating: Hot / Average / Cold		- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	3 / 3 / 2.5	3 / 2.5 / 2	3 / 2.5 / 2	
TCSPF# Residential: Hot / Average / Cold		kW / kW	4.999 / 4.490 / 4.551	4.645 / 4.269 / 4.374	4.584 / 4.264 / 4.418	5.080 / 4.535 / 4.567	4.808 / 4.397 / 4.485	4.868 / 4.508 / 4.656	5.804 / 5.126 / 5.179	5.206 / 4.740 / 4.862	4.666 / 4.325 / 4.474	7.172 / 6.564 / 6.884	6.373 / 5.898 / 6.224	5.975 / 5.579 / 5.933	
HSPF# Residential: Hot / Average / Cold		kW / kW	4.339 / 4.053 / 3.736	4.371 / 3.934 / 3.492	4.430 / 3.860 / 3.319	4.606 / 4.270 / 3.900	4.589 / 4.116 / 3.618	4.661 / 4.105 / 3.536	5.064 / 4.575 / 4.108	4.822 / 4.268 / 3.714	4.574 / 3.954 / 3.376	4.950 / 4.511 / 4.030	4.753 / 4.316 / 3.841	4.669 / 4.111 / 3.546	
Running Current	Cooling / Heating	amps	3.2 / 4.1	4.6 / 5.1	6.3 / 7.3	3.1 / 4.0	4.4 / 5.0	5.9 / 6.8	3.0 / 4.0	4.2 / 5.0	6.2 / 7.3	3.0 / 4.0	3.8 / 4.8	4.8 / 6.1	
Moisture Removal		l / hr	0.5	1.5	2.0	0.7	1.3	2.0	0.7	1.2	2.3	1.3	1.8	2.1	
Noise Level	Indoor Sound Pressure (High/Quiet)	Cooling	dBA	29 / 23	31 / 23	33 / 23	28 / 25	29 / 26	32 / 27	33 / 28	37 / 28	38 / 26	40 / 22	40 / 22	44 / 22
		Heating	dBA	29 / 23	31 / 23	33 / 23	28 / 24	29 / 24	32 / 27	34 / 27	37 / 28	43 / 30	41 / 22	43 / 22	43 / 22
	Outdoor Sound Pressure (Cooling/Heating)		dBA	41 / 46	47 / 48	48 / 49	41 / 46	47 / 48	48 / 49	41 / 46	47 / 48	48 / 49	43 / 47	44 / 49	47 / 50
	Outdoor Sound Power		dBA	59	61	62	59	61	62	59	61	62	60	61	62
Air Circulation (Indoor - High Fan) Cooling / Heating		l / sec	167 / 167	181 / 181	261 / 261	167 / 167	181 / 181	261 / 261	150 / 150	169 / 169	189 / 189	158 / 167	158 / 181	181 / 181	
Net Dimensions (H x W x D)	Indoor Unit	mm	198 x 700 x 450		198 x 900 x 450	198 x 700 x 620		198 x 900 x 620		245 x 570 x 570			600 x 740 x 200		
		kgs	15.5		18.5	17		20		15			14		
	Outdoor Unit	mm	542 x 799 x 290		632 x 799 x 290	542 x 799 x 290		632 x 799 x 290		542 x 799 x 290	632 x 799 x 290	542 x 799 x 290	632 x 799 x 290		
		kgs	32		36	32		36		32	36	31	38		
Cassette Grille		mm	-		-	-		-		49 x 620 x 620			-		
Piping Connections (Liquid/Suction)		mm	Ø6.35 / Ø9.52		Ø6.35 / Ø12.57	Ø6.35 / Ø9.52		Ø6.35 / Ø12.57		Ø6.35 / Ø9.52	Ø6.35 / Ø12.57	Ø6.35 / Ø9.52			
Max. Pipe Length (Precharged Length)		m	20 (15)		30 (20)	20 (15)		30 (20)		20 (15)	30 (20)	20 (15)			
Max. Height Difference		m	15		20	15		20		15	20	15			
Operation Range	Cooling	°CDB	-10 to 46			-10 to 46			-10 to 46			-10 to 46			
	Heating	°CDB	-15 to 24			-15 to 24			-15 to 24			-15 to 24			
Refrigerant			R32			R32			R32			R32			

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

Fujitsu General trained technicians attend every commercial VRF installation to assist with the controls commissioning of the VRF units to ensure seamless operation.



PEACE OF MIND

Fujitsu believe in the quality and reliability of every air conditioner we sell, providing a 3 years warranty for commercial applications and 5 years warranty for domestic applications.



COMMERCIAL APPLICATIONS



DOMESTIC APPLICATIONS

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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