FUJITSU

H-Series Multi-Zone Aquila Series Aquila XLTH Series

2-5 ZONES

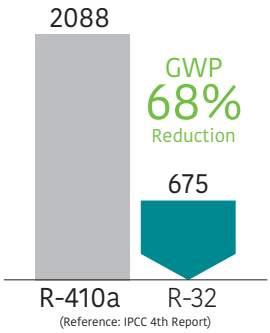


AIRSTAGE Aquila

AIRSTAGE Aquila XLTH

FUJITSU GENERAL AMERICA, INC

Environmentally Friendly Refrigerant



A refrigerant is a specialized fluid used to transfer heat from one location to another. Fujitsu General has chosen R-32 refrigerant for its environmental performance, offering a significantly lower Global Warming Potential (GWP) compared to other refrigerants.

Additionally, R-32 models require less refrigerant while delivering the superior performance and quality you have come to know.



Ductless Technology

AIRSTAGE mini-splits are easy to install, require little or no ducting, and can provide comfort for any room or the entire home.

Energy Efficient

Save up to 30% on energy bills with AIRSTAGE H-Series systems. Take advantage of local rebates and save even more.

Inverter Technology

Enjoy quick temperature adjustments and consistent comfort as the system adjusts its performance based on your needs.

Year-Round Comfort

AIRSTAGE systems offer both heating and cooling to keep you comfortable year-round.

Quiet & Flexible

With a range of sizes and styles, AIRSTAGE systems offer a smaller footprint, ideal for installations in compact spaces. Furthermore, both indoor and outdoor units feature ultra-quiet operation, providing discreet and efficient comfort.

Revolutionary Controls

Compatible with a wide range of optional controllers.

Multi-Zone Mini-Split Systems

Year-Round Comfort for Whole-Home and Business Solutions!

Fujitsu AIRSTAGE H-Series Systems represent some of the most advanced heating and air conditioning solutions available today. One outdoor unit can operate up to 5 indoor units simultaneously. Fujitsu's systems feature superior performance and exceptional energy efficiency.

- Operate as few as one indoor unit or all indoor units on your system
- Choose from 5 indoor unit styles - wall-mount, slim duct, compact cassette, mid-static duct and multi-position air handler
- Extensive Range of ENERGY STAR® Certified Options Available
- Customize your setup with hundreds of combinations, tailored by indoor unit type and capacity (BTU/h)

Multi-Zone Standard

- Connect between 2 and 5 indoor units, varying by model.
- Support connections from 14,000 to 58,000 BTU/h.

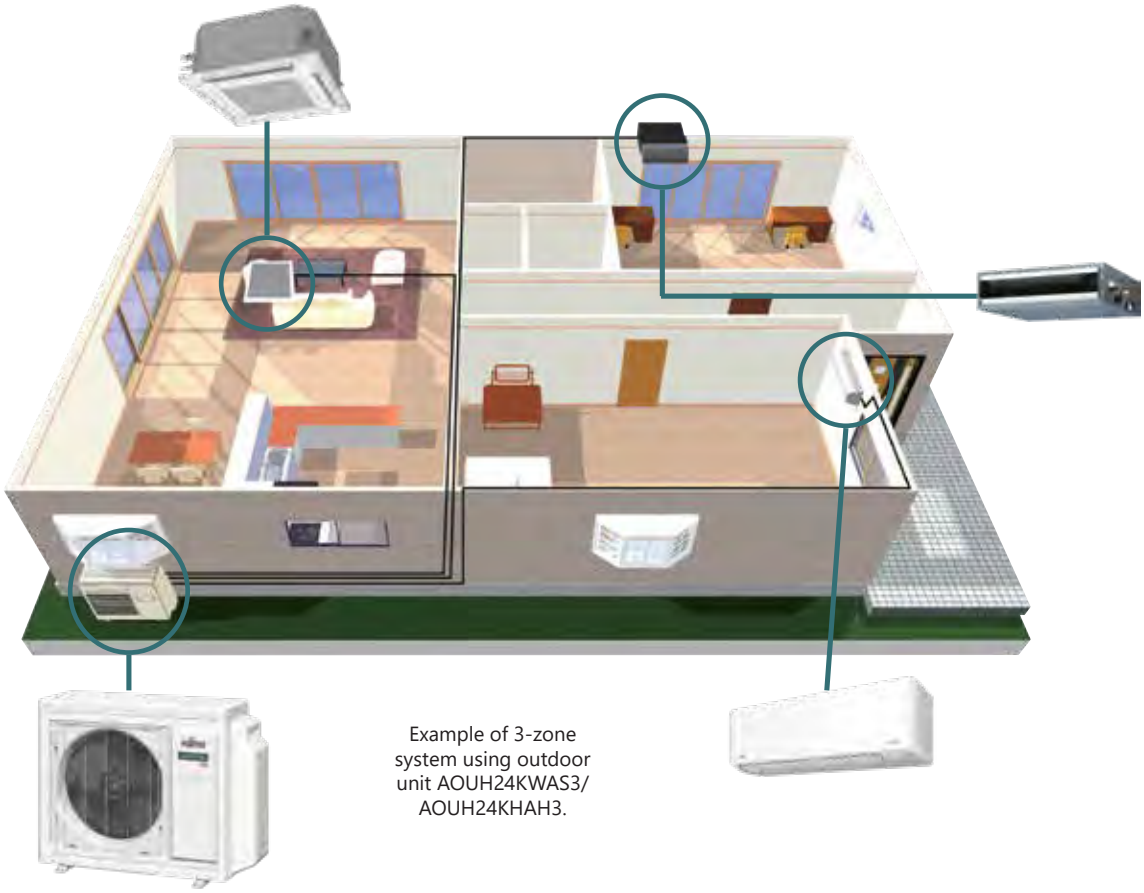
Multi-Zone Extra Low Temperature Heating (XLTH)

- Connect between 2 and 4 indoor units, varying by model.
- Support connections from 14,000 to 46,000 BTU/h.
- Extra Low Temp Heating: operates efficiently with heating down to -15°F (-26°C).

Experience Beyond Expectations

Fujitsu's commitment to quality and reliability is based on more than 60 years of experience in heating and air conditioning as well as technological development and research conducted according to the strictest and most rigorous standards.

AIRSTAGE Aquila



Example of 3-zone system using outdoor unit AOUH24KWAS3/ AOUH24KHAH3.

Multi-Zone (18, 24, 36, and 45,000 BTU/h) and Multi-Zone XLTH Series (18, 24, 36,000 BTU/h)Systems

Connectable Capacity

Multi-zone outdoor units offer expanded capacity, maximizing comfort and efficiency for any space. See Allowable Combination Table on page 18.

When all indoor units are cooling or heating simultaneously, the system limits their total capacity to match that of the outdoor unit. As soon as a zone reaches its set temperature and requires less capacity, the system redistributes the unused capacity to other indoor units, thereby enhancing their performance.

For example, consider a 3-bedroom home with a living room and kitchen downstairs and three bedrooms upstairs, requiring a total load of 39,000 BTU/h—21,000 BTU for the lower level and 18,000 BTU for the upper level. Typically, a family does not occupy both levels simultaneously, allowing the system to direct 100% of heating or cooling to only the areas in use. Our AOUH36KWAH4 outdoor unit efficiently manages this demand by dynamically adjusting output based on requirement.









Mix and Match Flexibility

With the flexibility to create optimal combinations, configure up to 5 zones, select the ideal style of indoor units, and determine the necessary capacity, our system is the RIGHT choice for your home or business.

Multi-Zone Outdoor Units

Multi-Zone Indoor Units	AOUH18KWAS2 / AOUH18KWAH2 XLTH	AOUH24KWAS3 / AOUH24KWAH3 XLTH	AOUH36KWAS4 / AOUH36KWAH4 XLTH	AOUH45KWAS5
Wall Mount				
ASUH07, 09, 12KPAS	✓	✓	✓	✓
ASUH15KPAS		✓	✓	✓
ASUH18KPAS		✓	✓	✓
ASUH24KPAS			✓	✓
Slim Duct				
ADUH07, 09, 12KUAS	✓	✓	✓	✓
ADUH18KUAS		✓	✓	✓
ADUH24KUAS			✓	✓
Compact Cassette				
ACUH07, 09, 12KUAS	✓	✓	✓	✓
ACUH18KUAS		✓	✓	✓
Mid Static Ducted				
ARUH12KUAS	✓	✓	✓	✓
ARUH18KUAS		✓	✓	✓
ARUH24KUAS			✓	✓

Individual Zoning: Personalized Whole Home Comfort

Wall Mounted
High wall location for minimized presence. The elimination of ducting increases delivered efficiency.
- Quiet operation
- Easy maintenance
- High delivered efficiency means lower utility bills

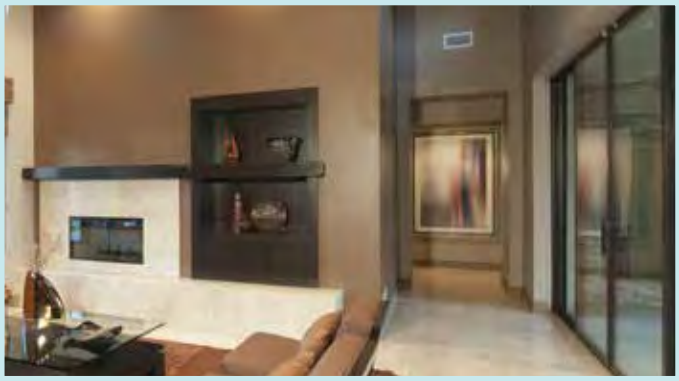




Slim Duct
Mounted in a ceiling or in a framed enclosure below a ceiling. They use minimal ductwork and remain very energy efficient.
- Concealed and out of sight
- Look of central air with the efficiency of a mini-split
- Less ducts = higher efficiency

Compact Cassette
Cassettes are extremely discreet, with only the grille showing in the ceiling. They use the latest fan technology to distribute the conditioned air evenly.
- Wired remote control (wireless is optional)
- Powerful and efficient fan operation
- Fits into a standard 2’ x 2’ ceiling grid



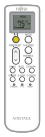


Mid Static Ducted
Mid Static Ducted units offer a perfect blend of performance, flexibility, and discreet comfort. Designed for concealed installation.
- Automatic static pressure detection for optimal airflow
- Built-in refrigerant leak detection sensor

AIRSTAGE Aquila

Wall-Mount | 7K–24K BTU/h

Multi-Zone Indoor



Handheld remote control included with indoor unit



ASUH07KPAS
ASUH09KPAS
ASUH12KPAS
ASUH15LPAS



ASUH18KPAS
ASUH24KPAS

12 Year Compressor & Parts[1] | Economy | Minimum Heat | Auto Changeover | Adjust | 4-Way | Restart | Dry | Quiet Mode | Sleep | Weekly[2] | AF | Cold | Ion

Sensor[2] | I/O 3rd Party | Hydro Fin | WI-FI CAPABLE[2]

1 Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.

2 Wi-Fi connectivity with Airstage Mobile App monitoring via compatible USB WLAN adapter



Built In Filtration

LONG-LIFE ION DEODORIZATION FILTER



The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine-particle ceramic. The filter can be used for approximately 3 years if it is washed with water when dirty to restore its surface action.

APPLE-CATECHIN FILTER



Dust, mold spores and micro-organisms are absorbed onto the filter by static electricity so growth is inhibited and deactivated.

AIRSTAGE Aquila

ASUH07KPAS, ASUH09KPAS, ASUH12KPAS, ASUH15KPAS, ASUH18KPAS, ASUH24KPAS

		ASUH07KPAS	ASUH09KPAS	ASUH12KPAS	ASUH15KPAS	ASUH18KPAS	ASUH24KPAS
Performance							
Rated Cooling	BTU/h	7,000	9,000	12,000	15,000	18,000	24,000
Rated Heating	BTU/h	7,000	9,000	12,000	15,000	18,000	24,000
Fan (Cooling Mode)							
Air Circulation: Hi	CFM (m3/h)	383 (650)	412 (700)	412 (700)	453 (770)	577 (980)	689 (1,170)
Med.- High	CFM (m3/h)	353 (600)	371 (630)	371 (630)	406 (690)	524 (890)	594 (1,010)
Medium	CFM (m3/h)	318 (540)	330 (560)	330 (560)	353 (600)	477 (810)	500 (850)
Med.- Low	CFM (m3/h)	283 (480)	288 (490)	288 (490)	306 (520)	424 (720)	436 (740)
Low	CFM (m3/h)	253 (430)	253 (430)	253 (430)	265 (450)	377 (640)	377 (640)
Quiet	CFM (m3/h)	159 (270)	159 (270)	159 (270)	165 (280)	300 (510)	300 (510)
Fan Speed Stages	CFM (m3/h)	6+Auto	6+Auto	6+Auto	6+Auto	6+Auto	6+Auto
Sound							
Indoor Level (Clg/Htg): Hi	dB(A)	38/41	40/42	40/42	43/44	45/46	49/49
Med.- High	dB(A)	36/38	38/39	38/39	40/42	43/44	45/44
Medium	dB(A)	33/35	34/36	35/38	36/39	40/40	40/40
Med.- Low	dB(A)	31/33	32/34	32/35	33/36	37/37	37/37
Low	dB(A)	29/31	29/31	30/33	30/33	35/35	35/35
Quiet	dB(A)	21/22	21/22	21/22	21/24	29/29	29/29
Electrical							
Voltage/Frequency/Phase		208/230 V ~ 60 Hz	208/230 V ~ 60 Hz	208/230 V ~ 60 Hz	208/230 V ~ 60 Hz	208/230 V ~ 60 Hz	208/230 V ~ 60 Hz
Current Rated/Max: Clg	Amps	0.2/ 0.25	0.35/ 0.44	0.35/ 0.44	0.39/ 0.49	0.35/ 0.44	0.35/ 0.44
Current Rated/Max: Htg	Amps	0.2/ 0.25	0.35/ 0.44	0.35/ 0.44	0.39/ 0.49	0.35/ 0.44	0.35/ 0.44
Input Power	W	18.4	21.8	21.8	30.8	40.0	63.0
Size & Weight							
Net Weight	lbs. (kg)	21 (9.5)	21 (9.5)	21 (9.5)	22 (10.0)	28 (12.5)	28 (12.5)
Dimensions: Height	Inch	10-5/8	10-5/8	10-5/8	10-5/8	11	11
	mm	270	270	270	270	280	280
Width	Inch	32-13/16	32-13/16	32-13/16	32-13/16	38-9/16	38-9/16
	mm	834	834	834	834	980	980
Depth	Inch	8-3/4	8-3/4	8-3/4	8-3/4	9-7/16	9-7/16
	mm	222	222	222	222	240	240
Refrigerant		R-32	R-32	R-32	R-32	R-32	R-32
Additional Data							
Air Direction: Horizontal		Manual	Manual	Manual	Manual	Manual	Manual
Air Direction: Vertical		Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Air Filter Type		Washable	Washable	Washable	Washable	Washable	Washable
Ion Deodorizing Filter		Disposable	Disposable	Disposable	Disposable	Disposable	Disposable
Apple-Catechin Filter		Disposable	Disposable	Disposable	Disposable	Disposable	Disposable
Lineset Size	Inch	Gas 3/8 / Liq. 1/4	Gas 3/8 / Liq. 1/4	Gas 3/8 / Liq. 1/4	Gas 3/8 / Liq. 1/4	Gas 1/2 / Liq. 1/4	Gas 1/2 / Liq. 1/4

Slim Duct | 7K–24K BTU/h

Multi-Zone Indoor

Controller not included. Controls sold separately.



ADUH07KUAS
ADUH09KUAS
ADUH12KUAS

ADUH18KUAS

ADUH24KUAS

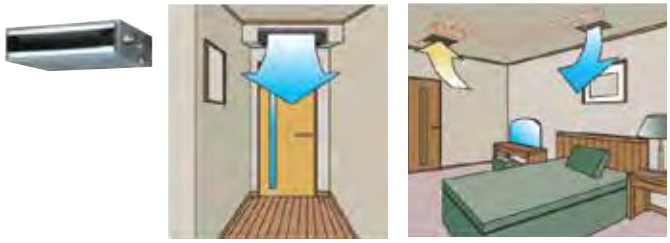
12 Year[1] | Economy | Minimum Heat[2] | Auto Changeover | Adjust | Restart | Dry | Fresh | Quiet Mode | Weekly | Cold | Sensor | I/O 3rd Party | Pump | 16 Daisy

WI-FI CAPABLE[3]

1 Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
2 Available only with optional wireless remote control.
3 Wi-Fi connectivity with Airstage Mobile App monitoring via compatible USB WLAN adapter

Built-in Leak Detection Sensor

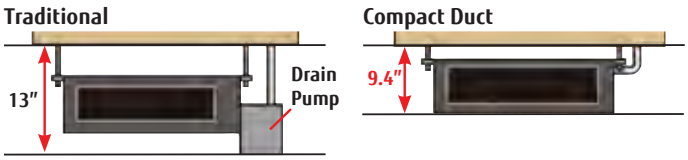
Slim-Duct units are equipped with a built-in leak detection sensor, enhancing safety and efficiency by promptly identifying and alerting you to any refrigerant leaks.





Slim Duct

Excellent to use when ceiling cavity is small and there is no slope for drain.



Field Supplied Filters

Filters are sized to keep velocities and static pressure loss low. This will ensure sufficient static pressure is available for ductwork, fittings and supply and return grilles. Alternative filter sizes with equivalent face areas can be used.

*Typical filter pressure drop.
^Available Static Pressure factors in filter pressure loss only.

	ADUH07KUAS	ADUH09KUAS	ADUH12KUAS	ADUH18KUAS	ADUH24KUAS
CFM	323	353	383	554	785
Typical Filter Size	12 x 20	12 x 20	12 x 20	14 x 25	18 x 30
Velocity, FPM	194	212	230	228	209
Unit External SP, in. W.C.	0.36	0.36	0.36	0.36	0.20
1" Fiberglass Filter					
*SP Loss, in. W.C.	0.04	0.04	0.05	0.04	0.04
^Available Static Pressure	0.32	0.32	0.31	0.32	0.16
1" MERV 8 Pleated Filter					
*SP Loss, in. W.C.	0.10	0.12	0.14	0.14	0.12
^Available Static Pressure	0.26	0.24	0.22	0.22	0.08
2" MERV 8 Pleated Filter					
*SP Loss, in. W.C.	0.06	0.07	0.08	0.08	0.07
^Available Static Pressure	0.30	0.29	0.28	0.28	0.13

AIRSTAGE Aquila

ADUH07KUAS, ADUH09KUAS, ADUH12KUAS, ADUH18KUAS, ADUH24KUAS

		ADUH07KUAS		ADUH09KUAS		ADUH12KUAS		ADUH18KUAS		ADUH24KUAS	
Performance											
Rated Cooling	BTU/h	7,000		9,000		12,000		18,000		24,000	
Rated Heating	BTU/h	7,000		9,000		12,000		18,000		24,000	
Fan (Cooling Mode)											
Air Circulation: Hi	CFM (m3/h)	324 (550)		353 (600)		383 (650)		553 (940)		783 (1330)	
Medium	CFM (m3/h)	288 (490)		324 (550)		353 (600)		518 (880)		730 (1240)	
Low	CFM (m3/h)	277 (470)		294 (500)		324 (550)		483 (820)		647 (1100)	
Quiet	CFM (m3/h)	259 (440)		265 (450)		283 (480)		441 (750)		606 (1030)	
Fan Speed Stages		4 + Auto		4+auto		4+auto		4+auto		4 + Auto	
Sound											
Indoor Level (Clg/Htg): Hi	dB(A)	28/28		28/28		30/30		32/33		33/35	
Medium	dB(A)	26/26		27/26		28/28		31/32		34/34	
Low	dB(A)	25/25		26/25		27/27		30/31		32/32	
Quiet	dB(A)	24/24		25/24		24/24		29/29		29/29	
Electrical											
Voltage/Frequency/Phase		208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1	
Static Pressure	W.C	0.01 to 0.36		0.01 to 0.36		0.01 to 0.36		0 to 0.36		0.01 to 0.20	
Current Rated/Max: Clg	Amps	0.32/0.38		0.32/0.38		0.37/0.44		0.43/0.55		0.64/0.83	
Current Rated/Max: Htg	Amps	0.32/0.38		0.32/0.38		0.37/0.44		0.43/0.55		0.64/0.83	
Input Power	W	55		65		74		103		119	
Size & Weight											
Net Weight	lbs. (kg)	35 (16)		37 (17)		37 (17)		44 (20)		53 (24)	
Dimensions: Height	Inch	7-13/16		7-13/16		7-13/16		7-13/16		7-13/16	
	mm	198		198		198		198		198	
Width	Inch	27-9/16		27-9/16		27-9/16		35-7/16		43-5/16	
	mm	700		700		700		900		1100	
Depth	Inch	24-7/16		24-7/16		24-7/16		24-7/16		24-7/16	
	mm	620		620		620		620		620	
Supply Duct Flange Dimensions: Height	Inch	5-15/16		5-15/16		5-15/16		5-15/16		5-15/16	
	mm	151		151		151		151		151	
Width	Inch	25-9/16		25-9/16		25-9/16		33-7/16		41-11/32	
	mm	650		650		650		850		1050	
Depth	Inch	3/4		3/4		3/4		3/4		3/4	
	mm	19		19		19		19		19	
Return Duct Dimensions: Height	Inch	6-7/8		6-7/8		6-7/8		6-7/8		6-7/8	
	mm	175		175		175		175		175	
Width	Inch	22-5/8		22-5/8		22-5/8		30-1/2		37-3/4	
	mm	575		575		575		775		959	
Depth	Inch	3/4 Flat		3/4 Flat		3/4 Flat		3/4 Flat		3/4 Flat	
	mm	19 Flat		19 Flat		19 Flat		19 Flat		19 Flat	
Refrigerant		R-32		R-32		R-32		R-32		R-32	
Additional Data											
Air Filter Type		Washable		Washable		Washable		Washable		Washable	
Lineset Size	Inch	Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 1/2	Liq. 1/4	Gas 5/8	Liq. 1/4

Compact Cassette | 7K–24K BTU/h

Multi-Zone Indoor

Controller not included. Controls sold separately.

Cassette Grille sold separately

ACUH07KUAS
ACUH09KUAS
ACUH12KUAS
ACUH18KUAS



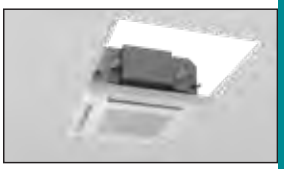
12 Year Warranty[1] | Economy | Minimum Heat[2] | Auto Changeover | Adjust | Up/Down | Restart | Dry | Fresh[3] | Quiet Mode | Weekly | Cold | Ceiling | Sensor[4]

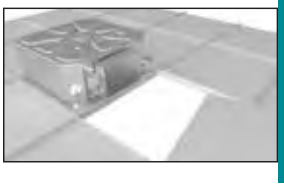
I/O 3rd Party | Pump | 16 Daisy | WI-FI CAPABLE[5]

1 Applies when properly registered AND installed by a Fujitsu Elite Contractor in a residence. See full warranty for details.
2 Available only with optional wireless remote control.
3 Requires Fujitsu's Optional Fresh Air Kit part #UTZ-VXAA. Allows for a 4-inch duct connection. Requires a field supplied duct booster fan capable of 60 CFM at .2"W.C. or 90 CFM at .4"W.C. For fan static pressure requirements, see installation manual. Add hood, filter and duct losses for fan total static pressure requirements. Will add 4" to the height of the indoor unit.
4 Available only with optional wired remote control.
5 Wi-Fi connectivity with Airstage Mobile App monitoring via compatible WLAN adapter

Easy Maintenance

Maintenance is made simple by removing the ceiling panel next to the grille. Working on the cassette unit from an adjoining ceiling tile keeps disruption and construction costs down.



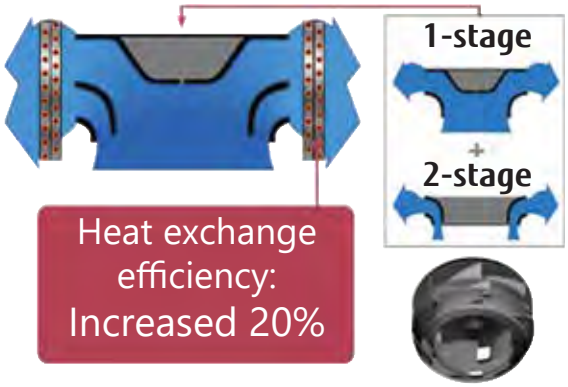


The air inlet grille can be installed in various directions, making maintenance convenient.



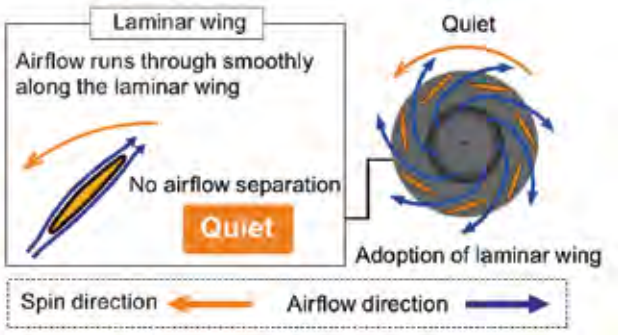
2-Stage EFFICIENT Fan

Air distribution is evenly spread across the heat exchanger by the 2 stage fan which produces two separate airflow streams.



Quiet Operation

Optimization of wing form (laminar wing design) and number of wings (7 blades) enables as low as 27 dB.



AIRSTAGE Aquila

ACUH07KUAS, ACUH09KUAS, ACUH12KUAS, ACUH18KUAS

		ACUH07KUAS		ACUH09KUAS		ACUH12KUAS		ACUH18KUAS	
Performance									
Rated Cooling	BTU/h	7,000		9,000		12,000		18,000	
Rated Heating	BTU/h	7,000		9,000		12,000		18,000	
Fan (Cooling Mode)									
Air Circulation: Hi	CFM (m3/h)	318 (540)		318 (540)		359 (610)		441 (750)	
Medium	CFM (m3/h)	288 (490)		288 (490)		312 (530)		359 (610)	
Low	CFM (m3/h)	259 (440)		259 (440)		277 (470)		306 (520)	
Quiet	CFM (m3/h)	230 (390)		230 (390)		241 (410)		241 (410)	
Fan Speed Stages		4+auto		4+auto		4+auto		4+auto	
Sound									
Indoor Level (Clg/Htg): Hi	dB(A)	34/34		34/34		37/37		42/44	
Medium	dB(A)	32/32		32/32		34/34		37/41	
Low	dB(A)	30/30		30/30		31/31		33/37	
Quiet	dB(A)	28/28		28/28		29/29		29/30	
Electrical									
Voltage/Frequency/Phase		208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1	
Current Rated/Max: Clg	Amps	0.15/0.19		0.15/0.19		0.20/0.25		0.30/0.38	
Current Rated/Max: Htg	Amps	0.15/0.19		0.15/0.19		0.20/0.25		0.30/0.38	
Input Power	W	18		18		23		39	
Size & Weight									
Net Weight	lbs. (kg)	33 (15)		33 (15)		33 (15)		35 (16)	
Dimensions: Height	Inch	9-5/8		9-5/8		9-5/8		9-5/8	
	mm	245		245		245		245	
Width	Inch	22-7/16		22-7/16		22-7/16		22-7/16	
	mm	570		570		570		570	
Depth	Inch	22-7/16		22-7/16		22-7/16		22-7/16	
	mm	570		570		570		570	
Refrigerant		R-32		R-32		R-32		R-32	
Additional Data									
Air Direction: Vertical		Automatic		Automatic		Automatic		Automatic	
Air Filter Type		Washable		Washable		Washable		Washable	
Front Grille: UTG-CCGFGA*									
Grille Dim: Height	Inch (mm)	1-15/16 (49)		1-15/16 (49)		1-15/16 (49)		1-15/16 (49)	
Width	Inch (mm)	24-7/16 (620)		24-7/16 (620)		24-7/16 (620)		24-7/16 (620)	
Depth	Inch (mm)	24-7/16 (620)		24-7/16 (620)		24-7/16 (620)		24-7/16 (620)	
Lineset Size	Inch	Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 1/2	Liq. 1/4

* Compact Cassette Grille UTG-CCGFGA sold separately. Must order one with each compact cassette.

Mid Static Ducted | 7K–24K BTU/h

Multi-Zone Indoor

Controller not included. Controls sold separately.



ARUH12KUAS



ARUH18KUAS
ARUH24KUAS

12 Year Compressor & Parts[1] | Economy | Minimum Heat | Auto Changeover | Adjust | Restart | Dry | Fresh | Quiet Mode | 24 Hour | Sleep[2] | Weekly[3] | Cold | Pump Down

Sensor | I/O 3rd Party | Pump | 16 Daisy | WI-FI CAPABLE[4]

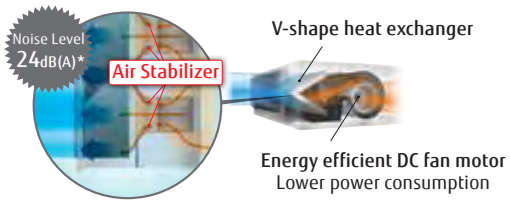
1 Applies when properly registered AND installed by a Fujitsu AIRSTAGE Elite Contractor in a residence. See full warranty for details.
2 Available only with optional wireless remote control.
3 Available only with optional wired remote control.
4 Wi-Fi connectivity with Airstage Mobile App monitoring via compatible WLAN adapter.

Function

Fujitsu AIRSTAGE Mid Static Pressure Duct indoor units deliver powerful heating and cooling with exceptional efficiency. Engineered for seamless integration into multi-zone applications, their compact design and strong static pressure enable flexible installation across various spaces. With enhanced airflow control and whisper-quiet operation, these units provide superior comfort while remaining discreetly concealed—offering the ideal combination of performance, versatility, and energy efficiency.

Energy Efficient & Quiet Operation

The combination of the V-shaped heat exchanger, air stabilizer, and the energy efficient DC fan motor results in high efficiency and quiet operation.



* 12,18, 24,000 BTUh models fan speed: Quiet

Feature Highlights

- Wide external static pressure range of up to 0.8 inWG for adaptable performance. (12/18/24k models)
- Equipped with a built-in refrigerant leak detection sensor for enhanced safety and reliability.
- Flexible intake configuration with side or bottom options to meet installation requirements.
- Enhanced controls platform for seamless, intuitive operation.
- Built-in drain pump for efficient condensate removal making installation and maintenance easier
- Automatic static pressure detection for optimal airflow and system efficiency.
- ProCore™ (High Corrosion Resistant Copper) coils for long-lasting protection against corrosion
- (Optional) Supports compatibility with the Airzone (third-party communicating zoning system) for optimized zoning control.



ARUH12KUAS, ARUH18KUAS, ARUH24KUAS

		ARUH12KUAS	ARUH18KUAS	ARUH24KUAS
Performance				
Rated Cooling	BTU/h	12,000	18,000	24,000
Rated Heating	BTU/h	12,000	18,000	24,000
Fan (Cooling Mode)				
Air Circulation: Hi	CFM (m3/h)	500 (850)	618 (1,050)	800 (1,360)
Medium	CFM (m3/h)	400 (680)	494 (840)	636 (1,080)
Low	CFM (m3/h)	347 (590)	430 (730)	518 (880)
Quiet	CFM (m3/h)	300 (510)	371 (630)	400 (680)
Fan Speed Stages		4 + Auto	4+auto	4+auto
Sound				
Indoor Level (Clg/Htg): Hi	dB(A)	35/35	34/34	36/36
Medium	dB(A)	30/30	29/29	31/31
Low	dB(A)	27/27	26/26	28/28
Quiet	dB(A)	24/24	24/24	24/24
Electrical				
Voltage/Frequency/Phase		208-230/60/1	208-230/60/1	208-230/60/1
Static Pressure	W.C	0.12 to 0.80	0.12 to 0.80	0.12 to 0.80
Current Rated/Max: Clg	Amps	0.75/0.85	1.34/1.51	1.60/1.81
Current Rated/Max: Htg	Amps	0.75/0.85	1.34/1.51	1.60/1.81
Input Power	W	66	62	110
Size & Weight				
Net Weight	lbs. (kg)	66 (30)	90 (41)	93 (42)
Dimensions: Height	Inch	11 13/16	11 13/16	11 13/16
	mm	300	300	300
Width	Inch	27 9/16	39 3/8	39 3/8
	mm	700	1000	1000
Depth	Inch	27 9/16	27 9/16	27 9/16
	mm	700	700	700
Supply Duct Flange Dimensions: Height	Inch	8-9/16	8-9/16	8-9/16
	mm	217	217	217
Width	Inch	18-3/16	30	30
	mm	462	762	762
Depth	Inch	1	1	1
	mm	25	25	25
Return Duct Dimensions: Height	Inch	10-1/16	10-1/16	10-1/16
	mm	255	255	255
Width	Inch	25-9/16	35-1/4	35-1/4
	mm	650	895	895
Depth	Inch	1	1	1
	mm	25	25	25
Refrigerant		R-32	R-32	R-32
Additional Data				
Air Filter Type		Washable	Washable	Washable
Lineset Size	Inch	Gas 3/8 / Liq. 1/4	Gas 1/2 / Liq. 1/4	Gas 1/2 / Liq. 1/4



Multi-Zone Outdoor Units | 18, 24, 36, 45,000 BTU/h





AOUH18KWAS2
AOUH24KWAS3



AOUH36KWAS4



AOUH45KWAS5

Contractors can select either an 18, 24, 36 or 45,000 BTU outdoor unit combined with wall mounted, slim duct, compact cassette or mid static duct indoor units. Mix-and-match flexibility of evaporator type and capacity allows you to choose the indoor unit that best fits the application, whether it be hidden or showcased. These systems are ideal for residences, nursing homes, doctor's offices, condominiums and apartments - any place where individual cooling or heating is needed.

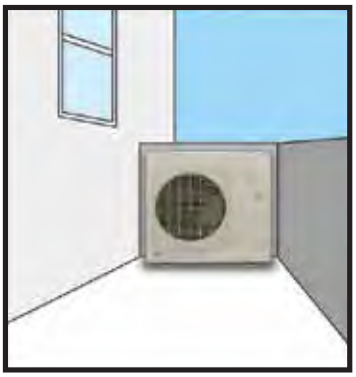
DC Twin Rotary Compressor

A high performance, low noise, large capacity DC twin rotary compressor is used.

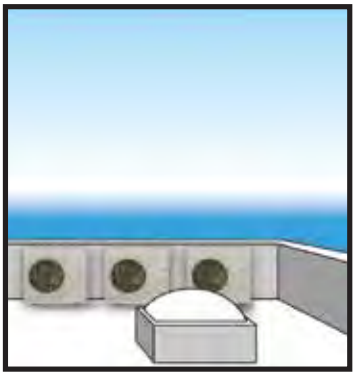


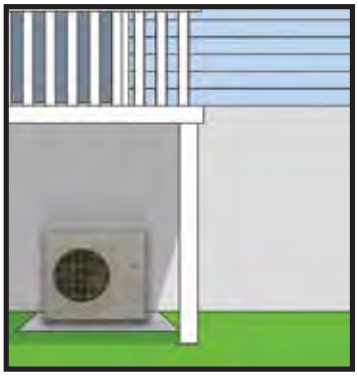
Compact Size

The compact size of the outdoor units allows for many installation opportunities.









Multi-Zone Efficiency, Energy Star Rating(s)

Model	Type	SEER2	HSPF 2 (IV) / HSPF 2 (V)	EER2	COP2	Energy Star Rating*
AOUH18KWAS2	Non Ducted	22	10.5 / 8.7	13.2	4.4	ES, ESCC, ESME
	Ducted	19	9.5 / 8	12.7	3.6	ES, ESCC, ESME
	Mixed	20.5	10 / 8.3	12.9	4	ES, ESCC, ESME
AOUH24KWAS3	Non Ducted	23	10.5 / 8.5	13	4.6	ES, ESCC, ESME
	Ducted	19.5	9.5 / 7.8	12	4	ES, ESCC, ESME
	Mixed	21	10 / 8.1	12.5	4.3	ES, ESCC, ESME
AOUH36KWAS4	Non Ducted	22	10 / 7.6	12	4	ES
	Ducted	19	9 / 7	11.7	3.5	ES
	Mixed	20.5	9.5 / 7.3	11.8	3.74	ES
AOUH45KWAS5	Non Ducted	22	10 / 8	12	4	ES, ESCC, ESME
	Ducted	19	9 / 7.4	11.7	3.6	ES, ESCC
	Mixed	20.5	9.5 / 7.7	11.8	3.8	ES, ESCC, ESME

*ES= ESCC= ESME=

AIRSTAGE Aquila

AOUH18KWAS2, AOUH24KWAS3, AOUH36KWAS4, AOUH45KWAS5

		AOUH18KWAS2	AOUH24KWAS3	AOUH36KWAS4	AOUH45KWAS5
		ASUH9 + ASUH9	ASUH9+ ASUH7+ASUH7	ASUH9 x 4	ASUH9 x 5
Performance					
Connectable Indoor Units		2	2 to 3	2 to 4	2 to 5
Connectable Unit Capacity Class	BTU/h	14,000 to 24,000	14,000 to 31,000	25,000 to 46,000	34,000 to 58,000
Rated Capacity Cooling / Heating	BTU/h	18,000 / 22,000	22,000 / 24,000	34,400/36,400	43,000/48000
Cooling Operating Range	°F (°C)	14 - 122 (-10 - 50)	14 - 122 (-10 - 50)	14 - 122 (-10 - 50)	14 - 122 (-10 - 50)
Heating Operating Range	°F (°C)	5~75 (-15~24)	5~75 (-15~24)	5~75 (-15~24)	5~75 (-15~24)
Electrical					
Rated Input Power Clg/Htg	kW	1.36/1.46	1.69/1.53	2.87/2.67	3.58/3.52
Voltage/Frequency/Phase		208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Maximum Operating Current	Amps	12.0	14.7	20.0	25.0
Minimum Circuit Ampacity	Amps	14.9	18.0	24.9	29.9
Maximum Circuit Breaker	Amps	15	20	25	30
Fan: Type x Quantity		Propeller x 1	Propeller x 1	Propeller x 1	Propeller x 1
Sound Pressure Level Cooling	dB(A)	48	50	54	54
Sound Pressure Level Heating	dB(A)	49	52	56	56
Lineset Requirements					
Minimum Lineset Length Each	ft(m)	16 (5)	16 (5)	16 (5)	16 (5)
Maximum Lineset Length Each	ft(m)	82 (25)	82 (25)	82 (25)	82 (25)
Minimum Lineset Length Total	ft(m)	33 (10)	33 (10)	49 (15)	49 (15)
Maximum Lineset Length Total	ft(m)	164 (50)	164 (50)	230 (70)	262 (80)
Pre-Charge Length Total	ft(m)	98 (30)	98 (30)	164 (50)	164 (50)
Maximum Lineset Height Difference Btwn Outdoor Unit & Furthest Indoor Unit	ft(m)	49 (15)	49 (15)	49 (15)	49 (15)
Maximum Lineset Height Difference Btwn Indoor Units	ft(m)	33 (10)	33 (10)	33 (10)	33 (10)
Lineset Diameter	Inch	Liq.: 1/4 x 2 Gas: 3/8 x 2	Liq. :1/4 x 3 Gas: 1/2 x 1, 3/8 x 2	Liq. :1/4 x 4 Gas: 1/2 x 2, 3/8 x 2	Liq. :1/4 x 5 Gas: 1/2 x 2, 3/8 x 3
Size & Weight					
Net Weight	lbs. (kg)	99 (45)	101 (46)	128 (58)	163 (74)
Dimensions: Height	Inch	28-3/16	28-3/16	34-13/16	39-5/16
	mm	716	716	884	998
Width	Inch	32-5/16	32-5/16	32-5/16	37
	mm	820	820	820	940
Depth	Inch	12-3/8	12-3/8	12-3/8	12-5/8
	mm	315	315	315	320
Refrigerant		R-32	R-32	R-32	R-32

XLTH Multi-Zone Outdoor Units | 18, 24, 36,000 BTU/h

Heating down to -15°F (-26°C) and NO LOCKOUT!



AOUH18KWAH2
AOUH24KWAH3
XLTH

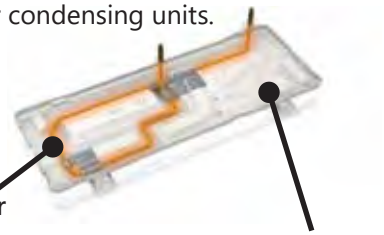


AOUH36KWAH4
XLTH

Ambient Heating Temperature Down to -15°F

Unlike other models that may only operate down to -5°F, XLTH models go even further, featuring a built-in base heater and advanced technology for superior cold-weather performance.

The base of Fujitsu AIRSTAGE XLTH outdoor condensing units.



Base Heater

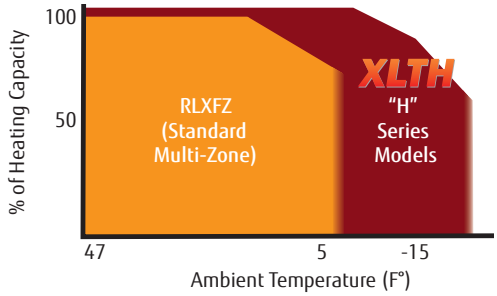
When temperatures reach 36°F, a built-in heater turns on so that any condensation doesn't freeze. Without a heater, freezing condensate can cause noise, damage to the outdoor unit and decrease system performance.

Base Drainage Holes

The contoured base design discharges melted water through many holes located at the bottom of the unit.

Improved Heating Capacity

Heating capacity at low outdoor temperatures is improved by adopting a large heat exchanger and a high capacity compressor.



Multi-Zone Efficiency, Energy Star Rating(s)

Model	Type	SEER2	HSPF 2 (IV) / HSPF 2 (V)	EER2	COP2	Energy Star Rating*
AOUH18KWAH2	Non Ducted	22	11 / 9.3	13.5	4.4	ES, ESCC, ESME
	Ducted	19	10 / 8.5	13	3.8	ES, ESCC, ESME
	Mixed	20.5	10.5 / 8.9	13.2	4.1	ES, ESCC, ESME
AOUH24KWAH3	Non Ducted	23.5	11.5 / 9	13.5	4.7	ES, ESCC, ESME
	Ducted	20.5	10.5 / 8.5	12.5	4.2	ES, ESCC, ESME
	Mixed	22	11 / 8.7	13	4.44	ES, ESCC, ESME
AOUH36KWAH4	Non Ducted	22	10 / 8	13	4.3	ES, ESCC, ESME
	Ducted	19	9 / 7.4	12.5	3.88	ES, ESCC, ESME
	Mixed	20.5	9.5 / 7.7	12.7	4.08	ES, ESCC, ESME

*ES= ESCC= ESME=

AOUH18KWAH2, AOUH24KWAH3, AOUH36KWAH4

XLTH		AOUH18KWAH2	AOUH24KWAH3	AOUH36KWAH4
		ASUH9 + ASUH9	ASUH9+ASUH7+ASUH7	ASUH9 x 4
Performance				
Connectable Indoor Units		2	2 to 3	2 to 4
Connectable Unit Capacity Class	BTU/h	14,000 to 24,000	14,000 to 31,000	25,000 to 46,000
Rated Capacity Cooling / Heating	BTU/h	18,000/22,000	22,000/25,000	35,200/36,400
Cooling Operating Range	°F (°C)	14 to 122 (-10 to 50)	14 to 122 (-10 to 50)	14 to 122 (-10 to 50)
Heating Operating Range	°F (°C)	-15 to 75 (-26 to 24)	-15 to 75 (-26 to 24)	-15 to 75 (-26 to 24)
Electrical				
Rated Input Power Clg/Htg	kW	1.33/1.47	1.63/1.56	2.71/2.48
Voltage/Frequency/Phase		208-230/60/1	208-230/60/1	208-230/60/1
Maximum Operating Current	Amps	15.5	19.2	28.9
Minimum Circuit Ampacity	Amps	19.9	13.6	34.8
Maximum Circuit Breaker	Amps	20	25	35
Fan: Type x Quantity		Propeller x 1	Propeller x 1	Propeller x 1
Sound Pressure Level Clg	dB(A)	47	50	54
Sound Pressure Level Htg	dB(A)	49	52	56
Lineset Requirements				
Minimum Lineset Length Each	ft(m)	16 (5)	16 (5)	16 (5)
Maximum Lineset Length Each	ft(m)	82 (25)	82 (25)	82 (25)
Minimum Lineset Length Total	ft(m)	33 (10)	33 (10)	49 (15)
Maximum Lineset Length Total	ft(m)	164 (50)	230 (70)	230 (70)
Pre-Charge Length Total	ft(m)	98 (30)	98 (30)	164 (50)
Maximum Lineset Height Difference Btwn Outdoor Unit & Furthest Indoor Unit	ft(m)	49 (15)	49 (15)	49 (15)
Maximum Lineset Height Difference Btwn Indoor Units	ft(m)	33 (10)	33 (10)	33 (10)
Lineset Diameter	Inch	Liq.: 1/4 x 2, Gas: 3/8 x 2	Liq.: 1/4 x 3, Gas: 1/2 x 1, 3/8 x 2	Liq.: 1/4 x 4 Gas: 1/2 x 2, 3/8 x 2
Size & Weight				
Net Weight	lbs. (kg)	117 (53)	119 (54)	154 (70)
Dimensions: Height	Inch	34-13/16	34-13/16	39-5/16
	mm	884	884	998
Width	Inch	32-5/16	32-5/16	37
	mm	820	820	940
Depth	Inch	12-3/8	12-3/8	12-5/8
	mm	315	315	320
Refrigerant		R-32	R-32	R-32

Allowable Combinations

= Allowed "Connectable Capacity" combinations over 100% **



AOUH18KWAS2

XLTH

AOUH18KWAH2

Connect 2 indoor units

AOUH18KWAS2*1 / AOUH18KWAH2*1		
Zone 1	Zone 2	Total
7	7	14
7	9	16
7	12	19
7	15	22
9	9	18
9	12	21
9	15	24
12	12	24



AOUH24KWAS3

XLTH

AOUH24KWAH3

Connect 2-3 indoor units

AOUH24KWAS3*1 or AOUH24KWAH3*1			
Zone 1	Zone 2	Zone 3	Total
7	7	+	14
7	9	+	16
7	12	+	19
7	15	+	22
7	18		25
9	9	+	18
9	12	+	21
9	15	+	24
9	18		27
12	12	+	24
12	15		27
12	18		30
15	15		30
7	7	7	21
7	7	9	23
7	7	12	26
7	7	15	29
7	9	9	25
7	9	12	28
7	9	15	31
7	12	12	31
9	9	9	27
9	9	12	30



AOUH36KWAS4

XLTH

AOUH36KWAH4

Connect 2-4 indoor units

AOUH36KWAS4*2 or AOUH36KWAH4*2				
Zone 1	Zone 2	Zone 3	Unit 4	Total
7	24	+	+	31
9	24	+		33
12	18	+		30
12	24	+		36
15	18	+		33
15	24	+		39
18	18	+		36
18	24			42
7	7	12	+	26
7	7	15	+	29
7	7	18	+	32
7	7	24	+	38
7	9	9	+	25
7	9	12	+	28
7	9	15	+	31
7	9	18	+	34
7	9	24		40
7	12	12		31
7	12	15	+	34
7	12	18	+	37
7	12	24		43
7	15	15	+	37
7	15	18		40
7	15	24		46
7	18	18		43
9	9	9	+	27
9	9	12	+	30
9	9	15	+	33
9	9	18	+	36
9	9	24		42
9	12	12	+	33
9	12	15	+	36
9	12	18	+	39
9	12	24		45
9	15	15	+	39
9	15	18		42
9	18	18		45
12	12	12	+	36
12	12	15	+	39
12	12	18		42
12	15	15		42
12	15	18		45
15	15	15		45
7	7	7	7	28
7	7	7	9	30
7	7	7	12	33
7	7	7	15	36
7	7	7	18	39
7	7	7	24	45
7	7	9	9	32
7	7	9	12	35
7	7	9	15	38
7	7	9	18	41
7	7	12	12	38

CHOOSE AN OUTDOOR UNIT:

Select either an 18, 24, 36 or 45,000 BTU/h outdoor unit combined with wall mounted, slim duct, compact cassette or mid static duct indoor units. Mix-and-match flexibility of evaporator type and capacity allows you to choose the indoor unit that best fits the application, whether it be recessed or exposed.

CHOOSE INDOOR UNITS:

Wall Mount



ASUH07KPAS
ASUH09KPAS
ASUH12KPAS
ASUH15KPAS
ASUH18KPAS
ASUH24KPAS

Slim Duct



ADUH07KUAS
ADUH09KUAS
ADUH12KUAS
ADUH18KUAS
ADUH24KUAS

Compact Cassette



ACUH07KUAS
ACUH09KUAS
ACUH12KUAS
ACUH18KUAS

Mid Static Duct



ARUH12KUAS
ARUH18KUAS
ARUH24KUAS

NOTE: These tables are not for system capacity selection. Fujitsu 'Design Simulator' software should be used for AIRSTAGE H-Series equipment selection.

*1 : Up to 1 Mid Static Duct unit can be connected to the combination.
*2 : Up to 2 Mid Static Duct units can be connected to the combination. If Mid Static Duct units are included, the total number of connectable units is limited to three.
*3 : Up to 2 Mid Static Duct units can be connected to the combination. If the combination includes one Mid Static Duct unit, up to four units can be connected in total. If the combination includes two Mid Static Duct units, the total number of connectable units is limited to three.
\+ Represents available circuit for future expansion when connecting this combination.
** Exceeding 100% capacity match will not increase system output capacity

→

AOUH36KWAS4*2 or AOUH36KWAH4*2 (cont'd)				
Zone 1	Zone 2	Zone 3	Unit 4	Total
7	7	12	15	41
7	7	12	18	44
7	7	15	15	44
7	9	9	9	34
7	9	9	12	37
7	9	9	15	40
7	9	9	18	43
7	9	12	12	40
7	9	12	15	43
7	9	12	18	46
7	9	15	15	46
7	12	12	12	43
7	12	12	15	46
9	9	9	9	36
9	9	9	12	39
9	9	9	15	42
9	9	9	18	45
9	9	12	12	42
9	9	12	15	45
9	12	12	12	45



AOUH45KWAS5

Connect 2-5 indoor units

AOUH45KWAS5*3					
Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Total
12	24	+	+	+	36
15	24	+	+		39
18	18	+	+	+	36
18	24	+	+		42
24	24	+			48
7	7	24	+	+	38
7	9	18	+	+	34
7	9	24	+	+	40
7	12	15	+	+	34
7	12	18	+	+	37
7	12	24	+	+	43
7	15	15	+	+	37
7	15	18	+	+	40
7	15	24	+		46
7	18	18	+	+	43
7	18	24	+		49
7	24	24			55
9	9	18	+	+	36
9	9	24	+	+	42
9	12	15	+	+	36
9	12	18	+	+	39
9	12	24	+		45
9	15	15	+	+	39
9	15	18	+	+	42
9	15	24	+		48
9	18	18	+		45
9	18	24	+		51
9	24	24			57
12	12	12	+	+	36
12	12	15	+	+	39
12	12	18	+	+	42
12	12	24	+		48
12	15	15	+	+	42
12	15	18	+		45
12	15	24	+		51
12	18	18	+		48
12	18	24			54
15	15	15	+		45
15	15	18	+		48
15	15	24			54
15	18	18	+		51
15	18	24			57

AOUH45KWAS5*3 (cont'd)					
Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Total
18	18	18			54
7	7	7	15	+	36
7	7	7	18	+	39
7	7	7	24	+	45
7	7	9	12	+	35
7	7	9	15	+	38
7	7	9	18	+	41
7	7	9	24	+	47
7	7	12	12	+	38
7	7	12	15	+	41
7	7	12	18	+	44
7	7	12	24	+	50
7	7	15	15	+	44
7	7	15	18	+	47
7	7	15	24		53
7	7	18	18		50
7	7	18	24		56
7	9	9	9	+	34
7	9	9	12	+	37
7	9	9	15	+	40
7	9	9	18	+	43
7	9	9	24	+	49
7	9	12	12	+	40
7	9	12	15	+	43
7	9	12	18	+	46
7	9	12	24		52
7	9	15	15	+	46
7	9	15	18	+	49
7	9	15	24		55
7	9	18	18		52
7	9	18	24		58
7	12	12	12	+	43
7	12	12	15	+	46
7	12	12	18	+	49
7	12	12	24		55
7	12	15	15	+	49
7	12	15	18		52
7	12	15	24		58
7	12	18	18		55
7	15	15	15		52
7	15	15	18		55
7	15	18	18		58
9	9	9	9	+	36
9	9	9	12	+	39
9	9	9	15	+	42
9	9	9	18	+	45
9	9	9	24	+	51
9	9	12	12	+	42
9	9	12	15	+	45
9	9	12	18	+	48
9	9	12	24		54
9	9	15	15	+	48
9	9	15	18	+	51
9	9	15	24		57
9	9	18	18		54
9	12	12	12	+	45
9	12	12	15	+	48
9	12	12	18	+	51
9	12	12	24		57
9	12	15	15	+	51
9	12	15	18		54
9	12	18	18		57
9	15	15	15		54
9	15	15	18		57
12	12	12	12	+	48
12	12	12	15	+	51
12	12	12	18		54
12	12	15	15		54
12	12	15	18		57
12	15	15	15		57
7	7	7	7	7	35
7	7	7	7	9	37
7	7	7	7	12	40
7	7	7	7	15	43
7	7	7	7	18	46
7	7	7	7	24	52
7	7	7	9	9	39
7	7	7	9	12	42
7	7	7	9	15	45
7	7	7	9	18	48
7	7	7	9	24	54
7	7	7	12	12	45

AOUH45KWAS5*3 (cont'd)					
Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Total
7	7	7	12	15	48
7	7	7	12	18	51
7	7	7	12	24	57
7	7	7	15	15	51
7	7	7	15	18	54
7	7	7	18	18	57
7	7	9	9	9	41
7	7	9	9	12	44
7	7	9	9	15	47
7	7	9	9	18	50
7	7	9	9	24	56
7	7	9	12	12	47
7	7	9	12	15	50
7	7	9	12	18	53
7	7	9	15	15	53
7	7	9	15	18	56
7	7	12	12	12	50
7	7	12	12	15	53
7	7	12	12	18	56
7	7	12	15	15	56
7	9	9	9	9	43
7	9	9	9	12	46
7	9	9	9	15	49
7	9	9	9	18	52
7	9	9	9	24	58
7	9	9	12	12	49
7	9	9	12	15	52
7	9	9	12	18	55
7	9	9	15	15	55
7	9	9	15	18	58
7	9	12	12	12	52
7	9	12	12	15	55
7	9	12	12	18	58
7	9	12	15	15	58
7	12	12	12	12	55
7	12	12	12	15	58
9	9	9	9	9	45
9	9	9	9	12	48
9	9	9	9	15	51
9	9	9	9	18	54
9	9	9	12	12	51
9	9	9	12	15	54
9	9	9	12	18	57
9	9	9	15	15	57
9	9	12	12	12	54
9	9	12	12	15	57
9	12	12	12	12	57

NOTE: These tables are not for system capacity selection. Fujitsu 'Design Simulator' software should be used for AIRSTAGE H-Series equipment selection.

= Allowed "Connectable Capacity" combinations over 100% **

*1 : Up to 1 Mid Static Duct unit can be connected to the combination.

*2 : Up to 2 Mid Static Duct units can be connected to the combination. If Mid Static Duct units are included, the total number of connectable units is limited to three.

*3 : Up to 2 Mid Static Duct units can be connected to the combination. If the combination includes one Mid Static Duct unit, up to four units can be connected in total. If the combination includes two Mid Static Duct units, the total number of connectable units is limited to three.

\+ Represents available circuit for future expansion when connecting this combination.

** Exceeding 100% capacity match will not increase system output capacity

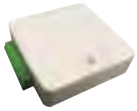
ACCESSORY COMPATIBILITY

		MULTI-ZONE HEAT PUMPS			
		Wall Mount ASUH07-24KPAS	Slim Duct ADUH07-24KUAS	Cassette ACUH07-18KUAS	Mid Static ARUH12-24KUAS
REMOTE CONTROLS					
UTY-RVRU	Kagami Controller (Wired Remote)	•1	•	•	•
UTY-RNRUZ Series	Wired Remote Control	•1	•	•	•
UTY-RHRY	Simple Remote Control 2-Wire	•1	•	•	•
UTY-RSRY	Simple Remote Control 2-Wire	•1	•	•	•
UTY-LBTUM	IR receiver kit w/ wireless remote controller		•		•
UTY-LNTU	Wireless Remote Control			•	
UTY-XSZXZ1	Remote Sensor		•		•
WI-FI DEVICES					
UTY-TFSXH4	Wi-Fi Interface Module (Wall Mount / USB)	•			
UTY-TFSXJ4	Wi-Fi Interface Module (Non-Wall Mount / UART)		•	•	•
FJ-IR-WIFI-1NA	Wi-Fi Device: IR Wireless Module	•	•2	•	•2
FJ-AC-WIFI-1	Wi-Fi Device: Wired Module	•	•	•	•
BM101WA/BM102WA	Cielo Breez Max	•	•2	•	•2
INTERFACE KITS					
UTY-XWZX	Dry Contact Wire Kit	•			
UTY-XWZXZ5	Dry Contact Wire Kit	•			
UTY-XWZXZG	External Connect Kit		•	•	•
UTY-TWRXZ2	Communication Kit	•			
UTY-XCSXZ2	External Input and Output PCB	•			
UTY-XCSX	External Input and Output PCB		•	•	•
UTZ-GXEA	External Input and Output PCB Box		•	•	
UTZ-GXNA	External Input and Output PCB Bracket				•
FRESH AIR INTAKE KITS					
UTZ-KXGC	High Humidity Insulation Kit			•	
UTR-YDZB	Air Outlet Shutter Plate			•	
UTZ-VXAA	Fresh Air Intake Kit			•	
MISCELLANEOUS					
FJ-AC-485-1	BACnet Gateway	•	•	•	•
UTY-VMSX	Modbus Gateway	•	•	•	•
UTY-TERX	External Switch Controller	•1	•	•	•
UTY-TTRXZ1*	24V Thermostat Interface	•1	•	•	•
UTY-VTGX	Network Converter	•1	•	•	•
UTD-GXT(A/B/C)-W	Auto Louver Grille Kit		•		
UTD-LFN(A/B/C)	Long-life Filter				•


UTY-RVRU


UTY-RNRUZ Series


UTY-RHRY


UTY-TTRXZ1

*: This device may not be used with any other type of controls (central controller, wire/wireless RC, WiFi adapter, BMS interface).
1: Requires accessory communication kit #UTY-TWRXZ2.
2: IR Receiver Kit required.

Line Set Sizes and Lengths - Multi-Zone

*Always refer to D&T for final sizing

	Multi / Flex Zone Models - Indoor Units																	
	Wall Mounted						Compact Cassette				Slim Duct					Mid Static		
Gas x Liquid Size (in)	ASUH07KPAS	ASUH09KPAS	ASUH12KPAS	ASUH15KPAS	ASUH18KPAS	ASUH24KPAS	ACUH07LUAS1	ACUH09LUAS1	ACUH12LUAS1	ACUH18LUAS1	ADUH07KUAS	ADUH09KUAS	ADUH12KUAS	ADUH18KUAS	ADUH24KUAS	ARUH12KUAS	ARUH18KUAS	ARUH24KUAS
3/8" x 1/4"	●	●	●	●			●	●	●		●	●	●			●		
1/2" x 1/4"					●	●				●				●			●	●
5/8" x 1/4"															●			
Each Indoor Unit	Minimum and maximum pipe lengths for multi-zone units are found on page 15 and page 17.																	

	Multi / Flex Zone Models - Outdoor Units						
	AOUH18KWAS2*1	AOUH18KWAH2*1	AOUH24KWAS3*1	AOUH24KWAH3*1	AOUH36KWAS4*2	AOUH36KWAH4*2	AOUH45KWAS5*3
Total System							
Max. Lineset Length ft (m) (Total)	164 (50)	164 (50)	164 (50)	230 (70)	230 (70)	230 (70)	262 (80)
Max. lineset length (Pre-charge) ft (m)	98 (30)	98 (30	98 (30)	98 (30)	164 (50)	164 (50)	164 (50)
Min. Lineset Length ft (m) (Total)	33 (10)	33 (10)	33 (10)	33 (10)	49 (15)	49 (15)	49 (15)

NOTE:

*1 : Up to 1 Mid Static Duct unit can be connected to the combination.

*2 : Up to 2 Mid Static Duct units can be connected to the combination. If Mid Static Duct units are included, the total number of connectable units is limited to three.

*3 : Up to 2 Mid Static Duct units can be connected to the combination. If the combination includes one Mid Static Duct unit, up to four units can be connected in total. If the combination includes two Mid Static Duct units, the total number of connectable units is limited to three

Feature Explanation

Energy saving

SEER/SEER2
Seasonal Energy Efficiency Rating. Used to express efficiency of an AC or Heat Pump. A higher rating means a more efficient system.

HSPF/HSPF2
Heating Seasonal Performance Factor, measures the efficiency of the heating portion of your heat pump.



Economy Mode
Thermostat setting automatically changes according to the temperature to avoid unnecessary cooling and heating.



Energy Saver
Keeps room cool enough for comfort by using a relaxed thermostat setting reducing power consumption.



Energy Saving Program (ESP)
When the zone is unoccupied for 20 minutes, the ESP function is enabled to reduce energy consumption until occupied once again. Function is not available in multi-zone installations.



ENERGY STAR® Qualified
Qualified products and practices help you save money and reduce greenhouse gas emissions by meeting strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and the U.S. Department of Energy.



Minimum Heat Mode
Sets room temperature to 50°F, keeping temperatures above freezing and reducing power consumption.

Comfort



Auto Changeover (heating to cooling or vice-versa)*
Automatically alternates between heating or cooling if the room temperature falls 4˚F below the set temperature when cooling or rises 4˚F above set temperature when heating.



Auto Fan Mode
System starts in high fan speed and automatically adjusts downward as room begins to reach set temperature.



Auto Louver: 4 Way
Redirects airflow automatically with up/down and left/right motion.



Auto Louver: Up/Down
Redirects airflow automatically with seven position up and down motion which can be set to auto swing.



Auto Restart
Following a power failure, systems will automatically restart in the same operating mode as before, once power has been restored.



Dry Mode
This mode gives priority to reducing the level of humidity in the room, in conjunction with lowering the temperature.



Fresh Air Intake
Outside air can be introduced by attaching field supplied flexible duct to fresh air knockouts.



Outdoor Unit Low Noise+
Limits compressor and fan speed during high speed operation for noise reduction purposes.



Powerful Operation
20 minutes of continuous operation at maximum airflow and maximum compressor speed. Rapid cooling and heating makes the room comfortable quickly.



Quiet Mode (Indoor Unit)
An extra quiet fan speed to make sure you are not disturbed.

* Auto Changeover is not designed to provide rapid changes between heating and cooling operation or simultaneous heating and cooling. Areas with dissimilar conditioning requirements should be independently zoned.
+ Function is bypassed during defrost and at low speed operation. This feature may limit cooling/heating capacity during high/low ambient conditions and increase energy consumption as system may need to operate longer due to reduced compressor speed.



Standard Warranty
Fujitsu systems come standard with a 7 Year Compressor / 5 Year Parts warranty.



Extended Warranty
See full product warranty for details.

Convenience



24 Hour Timer
Allows for one on/off cycle during a 24 hour period.



Sleep Timer
Automatically adjusts the temperature while you sleep to make you more comfortable.



Weekly Timer
Allows you to set on/off time twice a day and a different on/off time by day.

Performance



Apple Catechin Filter (polyphenol ingredient from apples)
Dust, mold spores and microorganisms are absorbed onto the filter by static electricity and growth is inhibited. 3 - 12 month life expectancy.



Cold Air Prevention
Indoor coil will warm prior to fan operating, preventing cold air during heating mode.



Expanded Heating Performance
Delivers 100% of rated heating capacity at +5°F (-15°C).



High Ceiling Mode
Temperature at the top of a high ceiling room may be warmer than the space occupied; this mode adjusts for this difference.



Ion Deodorizing Filter
Deodorizes by decomposing absorbed odors using the oxidizing and reducing effects of ions generated by fine ceramic particles. 3 year life expectancy. Wash to restore surface action.



Pump Down Operation
Collects all refrigerant in system back into the outdoor unit if the unit needs to be relocated. Eliminates costly refrigerant recovery procedures.



Remote Temperature Sensor
Room temperature sensor is located in optional wired remote control only.



Third Party Device Control
Interlock system with 3rd party device such as humidifier, exhaust fan, door switch...etc.



0°F Low Ambient Cooling
Can operate in cooling mode with outdoor temperatures as low as 0°F. Cooling performance beyond published temperature ratings is not guaranteed.



-5°F Low Ambient Cooling
Can operate in cooling mode with outdoor temperatures down to -5°F. Cooling performance beyond published temperature ratings is not guaranteed.

Installation



Base Pan Heater
Prevents condensate from freezing on the outdoor unit.



Blue Fin Coating
Blue Fin treatment to the outdoor unit's heat exchanger improves corrosion resistance.



Hydro Fin Coating
Clear hydrophylic treatment added to the outdoor unit's heat exchanger improves corrosion resistance.



Branch Duct Capable
Systems are capable of attaching field-supplied branch ducts providing up to 38% of the cooling up to 16 feet away.



Built-In Condensate Pump
Integrated into the indoor unit.



Daisy Chain
Ability to connect up to 16 identical style indoor units to one wired remote.



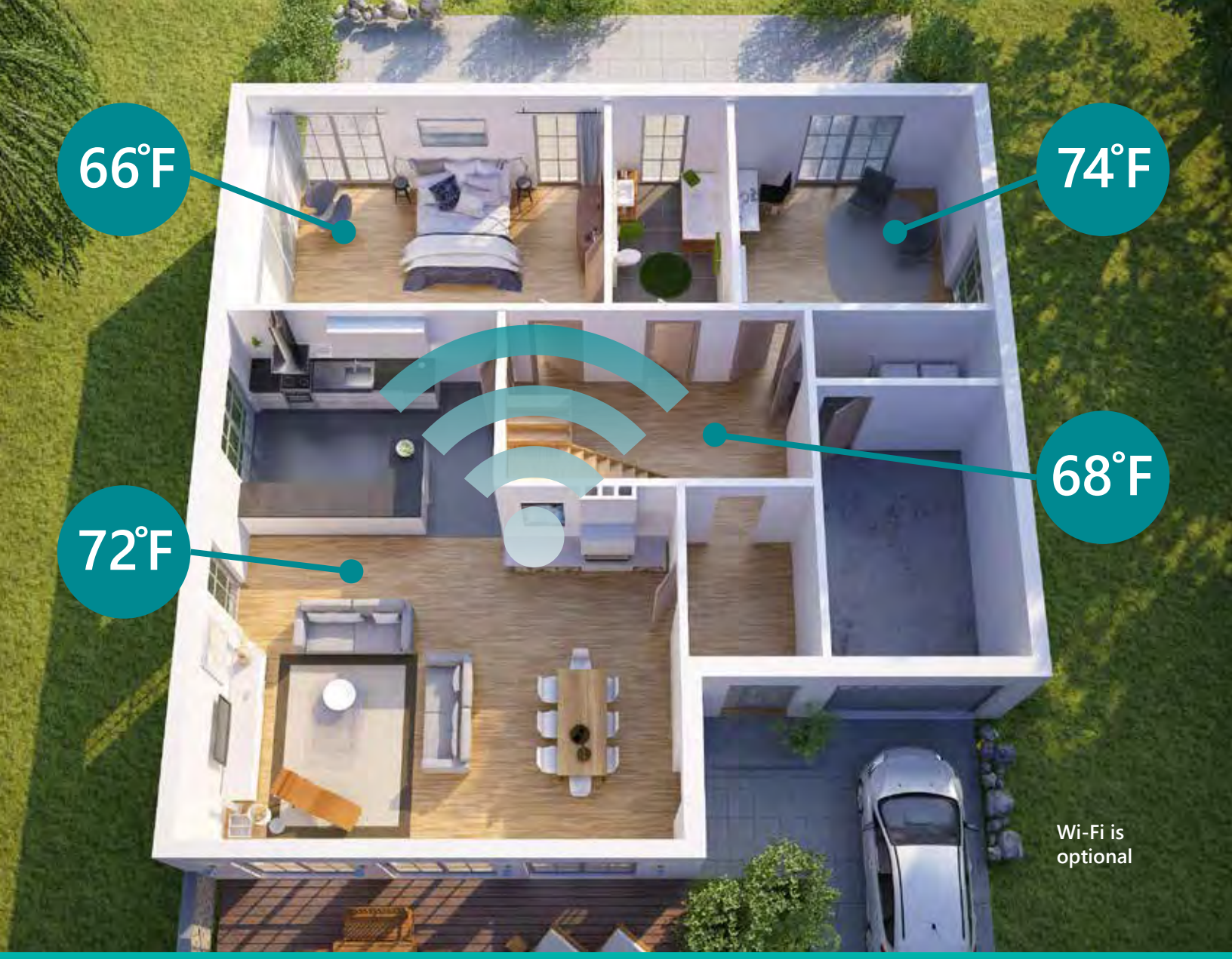
Long Piping Length
Long piping lengths between equipment offers flexible outdoor unit location options.



Slender Fit
Cassette body can be moved downward into the room 1-3/8" to accommodate limited ceiling space.



Wi-Fi Connectivity
With Airstage Mobile App monitoring via compatible WLAN adapter.



Where can mini-splits be used?

- Bars
- Oil rigs
- Schools
- Car washes
- Warehouses
- Nursing homes
- Small offices
- Older homes
- Restaurants
- Computer rooms
- Hotels and motels
- ATM vestibules
- Convenience stores
- Fast food chains
- Fire houses
- Police stations
- Sunrooms
- New construction
- Places of worship
- Medical facilities

Just about any place that requires comfort!

FUJITSU

Part #FG2057 Rev. 5/2025
Actual product color may be different from the colors shown here.
Specifications and design are subject to change without notice.

MEMBER AHRI AIR-CONDITIONING, HEATING, & REFRIGERATION INSTITUTE

FUJITSU GENERAL AMERICA, INC.
FUJITSUGENERAL.COM
A SUBSIDIARY OF
FUJITSU GENERAL LIMITED