

Hybrid Flex Inverter System

48,000 BTU 8-Zone Mix & Match Flexibility

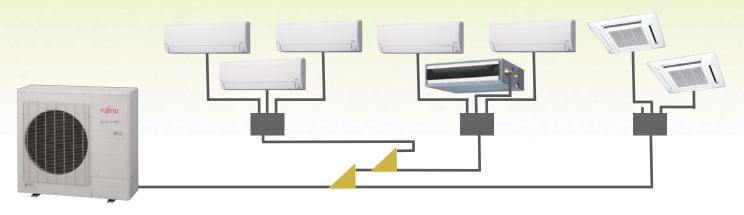


Mini-Split Air Conditioners and Heat Pumps



For over 35 years, Fujitsu has been making the hottest places cool and the coolest places more comfortable.







What is a Hybrid?

The blending of a complex VRF system with the simplicity of a multi-zone system to create a new hybrid solution that shares the best of both systems.

Why Flex?

The ability to create the right combinations, the right quantity (up to 8-zones), the right style indoor units, and the right capacity. It's the right choice for your home or business.

Why Inverter?

An Inverter is a system that controls the rotational speed (not just an ON/OFF signal) of an electric motor by adjusting the frequency of the electrical power supplied to the motor. The inverter constantly regulates the compressor speed to its optimum energy usage, producing higher refrigerant performance with less power consumption.

130% Connectable Capacity (Halcyon Hybrid Flex Inverter (HFI) System Only)

The HFI system is rated at 48,000 BTUs but you can connect up to 130%, or 62,000 BTUs of rated evaporator capacity to the AOU48RLXFZ. All indoor units can operate at once, however if all the evaporators are calling for cooling or heating at the same time it will decrease the capacity of each evaporator not to exceed the condenser's capacity. As zones meet desired set point the system's other evaporators increase output up to the evaporator's rated capacity.

VRF Limitations

- Expensive
- Sweat connections
- · Computer design required
- No efficiency label today
- Increased labor to install



HFI

- Long piping
- Better value
- SEER rated
- Flare connections
- Easier installation
- 4-way outdoor unit connection

HFI

- 130% capacity
- Up to 8 zones
- Central remote
- Lower copper tubing costs
- Miswiring detection





Multi-Zone Limitations

- Shorter piping length
- Fewer number of zones
- No central remote control
- No over connectable capacity

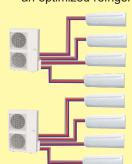
For example: The load on a small 2-story office building with a business downstairs and worker apartments upstairs is 62,000 BTUs (38,000 BTUs downstairs and 24,000 BTUs upstairs) but the workers aren't upstairs and downstairs at the same time, therefore not all units will be running simultaneously allowing 100% heating or cooling to occupied spaces.

HFI vs. Multi vs. VRF

AHRI defines VRF as having three main features: (1) a variable speed compressor, (2) a computerized control individual zoning system and (3) optimized refrigerant path of installation.

INVERTER MULTI-ZONE

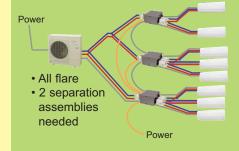
- Variable speed compressor
- Computerized zone control
- With the expansion valves mounted in the outdoor unit, it does not have an optimized refrigerant path.



- 2 outdoor units neededNo separation
- tube assemblies needed

Halcyon Hybrid Flex Inverter

- Variable speed compressor
- Computerized zone control
- Remotes expansion valves from the outdoor unit to mid-stream in the refrigerant piping, creating a semioptimized refrigerant path.



INVERTER VRF SYSTEM

- Variable speed compressor
- Computerized zone control
- Expansion valves are mounted either within or near the indoor unit, and engineered piping maximizes compressor efficiency to create an optimized refrigerant path.



- All sweat connections
- 7 separation assemblies needed

Outdoor Unit 48,000 BTUs

AOU48RLXFZ



- Connect 2 to 8 indoor units
- 80 to 130% connectable capacity
- Connect 39,000 to 62,000 BTU

2 Indoor Units

18k BTU/h + 24 k BTU/h = 42k BTU/h ⋯OK 12k BTU/h + 24 k BTU/h = 36k BTU/h ⋯Not Allowed (below 80%)

8 Indoor Units

7k BTU/h \times 8 units = 56k BTU $\cdot \cdot$ OK 9k BTU/h \times 8 units = 72k BTU $\cdot \cdot$ Not Allowed (over 130%)

Compact Size

The compact size of outdoor unit AOU48RLXFZ allows for many installation opportunities.









Self Diagnostic Feature

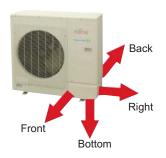
This printed circuit board provides thrree modes of diagnostics - setting, monitoring and function mode. It also provides a precommissioning check function. Setting mode allows optional functions to be selected.



Monitoring mode provides temperature for each thermistor, compressor operation and other functions. Function mode provides cooling test run, heating test run and pump down operation.

Piping Flexibility

Contractors can choose the best direction for piping from the outdoor unit.



DC Twin Rotary Compressor

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



		AOU48RLFXZ		
y		Heat Pump		
	Connectable Indoor Unit Number	2 to 8		
	Connectable Indoor Unit Capacity	80 to 130% Nominal (39,000 - 62,000 BTU)		
	Connectable Branch Box Number	1 to 3		
	Nominal Cooling BTU/h	48,000		
	Max Cooling BTU/h	51,100		
	Nominal Heating BTU/h	54,000		
	Low Temp. Heating 17°F BTU/h	TBA		
	Max Heating BTU/h	57,000		
	Clg. Operating Range °F(°C)	25-115 (-5-46)		
	Htg. Operating Range °F(°C)	5-75 (-15-24)		
	Input Power: Cooling Rated kW*	5.52 / 5.19 / 5.35		
	Input Power: Heating Rated kW*	22.3 / 21.7 / 22.0		
	Voltage/Frequency/Phase	208-230/60/1		
	Current: Clg Outdoor Max. (A)	24.5 / 23.0 / 23.7		
	Current: Htg Outdoor Max. (A)	22.3 / 21.7 / 22.0		
	Recommended Fuse Size (A)	40		
	Outdoor Fan Speed RPM (Clg/Htg)	TBA		
	Fan: Type x Quantity			
	Fan Motor Output W	***		
	Sound Power Level Cooling dB(A)			
,	Sound Pressure Level Cooling dB(A)			
Sound Pressure Level Heating dB(A)		58		
	Max. Pipe Length Total Ft (m)	377 (115)		
	Max. Pipe Length Between Box & Farthest Indoor Unit Ft (m)	49 (15)		
M	ax. Pipe Height Difference Between Outdoor Unit & Branch Box Ft (m)	98 (30)		
	Max. Pipe Height Difference Between Indoor Units Ft (m)	98 (30)		
	Fan: Type x Quantity Fan Motor Output W Sound Power Level Cooling dB(A) Sound Pressure Level Cooling dB(A) Sound Pressure Level Heating dB(A) Max. Pipe Length Total Ft (m) Max. Pipe Length Between Box & Farthest Indoor Unit Ft (m) Max. Pipe Height Difference Between Outdoor Unit & Branch Box Ft (m) Max. Pipe Height Difference Between Indoor Units Ft (m) Max. Pipe Height Difference Between Indoor Units Ft (m) Max. Pipe Height Difference Between Indoor Units Ft (m) Connection Method Conn. Pipe Diameter Inch Net Weight Ibs. (kg) Dimensions: Height Inch TBA 56 377 (115) 49 (15) 98 (30) 98 (30) 98 (30) Flare 3/8 (Liq.) 5/8 (Suc.) 216 (98)			
	Connection Method	Flare		
	Conn. Pipe Diameter Inch			
	Net Weight Ibs. (kg)	216 (98)		
	Dimensions: Height Inch	36		
	mm	914		
	Width Inch	38-1/4		
	mm	970		
	Depth Inch	14-5/8		
	mm	370		
	Refrigerant	R410A		

*Ducted / Non-Ducted / Mixed

	SEER	HSPF	EER**
Ducted	14.7	9.3	8.7
Non-Ducted	17.0	9.8	9.25
Mixed	15.8	9.5	8.97









Wall Mounted 7, 9, 12, 18 and 24,000 BTUs

ASU7RLF, ASU9RLF, ASU12RLF, ASU18RLF, ASU24RLF





ASU7, 9, 12RLF

ASU18, 24RLF

ASU9RLF ASU12RLFASU18RLFASU24RLF Heat Pump Nominal Cooling BTU/h 7,000 9,000 12,000 18,000 24,000 Nominal Heating BTU/h 8,100 10,200 13,500 20,000 27,000 Low Temp. Heating 17°F BTU/h **TBA TBA TBA TBA TBA** Voltage/Frequency/Phase 208-230/60/1 208-230/60/1 208-230/60/1 208-230/60/1 208-230/60/1 Air Circ. C.F.M. (m3/h): Hi 560 (330) 1,100 (647) 600 (353) 660 (388) 920 (542) Medium 500 (294) 520 (306) 560 (330) 740 (436) 900 (530) Low 430 (253) 450 (265) 450 (265) 620 (365) 740 (436) Quiet 340 (200) 340 (200) 340 (200) 550 (324) 620 (365) Noise Level dB(A) (Clg/Htg): Hi 36/36 37/37 40/40 43/44 49/48 Medium 32/32 33/33 36/36 37/37 42/42 29/29 30/31 37/37 Low 29/29 33/33 25/25 25/25 33/33 Quiet 25/25 31/31 Running Current Rated (A): Cooling 0.20 0.30 0.70 0.20 0.40 Heating 0.20 0.20 0.30 0.40 0.70 Power Use Rated (w): Cooling 46 46 69 92 161 Heating 46 46 69 92 161 Fan Speeds Stage 4+auto 4+auto 4+auto 3+auto 3+auto Air Direction: Horizontal No No No Yes Yes Yes Yes Yes Vertical Yes Yes Air Filter Disposable Disposable Disposable Disposable Disposable Ion Deodorizing Filter Yes Yes Yes Yes Yes Apple-Catechin Filter Yes Yes Yes Yes Yes Connection Method Flare Flare Flare Flare Flare Conn. Pipe Diameter Inch suc 3/8 dis 1/4 suc 3/8 dis 1/4 suc 3/8 dis 1/4 suc 3/8 dis 1/4 suc 1/2 dis 1/4 suc 5/8 dis 1/4 Net Weight Ibs. (kg) 18 (8) 18 (8) 18 (8) 31 (14) 31 (14) Dimensions: Height Inch (mm) 12-5/8 (320 11-1/16 (280) 11-1/16 (280) 11-1/16 (280) 12-5/8 (320 Width Inch (mm) 31-1/16 (790) 31-1/16 (790) 39-1/4 (998) 31-1/16 (790) 39-1/4 (998)

8 (203)

R410A

8 (203)

R410A

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.





Apple-Catechin Filter Dust, mold spores and microorganisms are absorbed onto the filter by static electricity and growth is inhibited and deactivated.

Easy Maintenance

Front panel is easily removed for cleaning.



Standard Features

- Apple Catechin Filter
- Ion Deodorizing Filter
- Sleep Timer
- 24-Hour Timer
- Dry Mode
- Auto Louver: Up/ Down
- Auto Louver: 4-way*
- Long Piping Length (165'+)
- Auto Mode
- Minimum Heat Mode
- Quiet Mode
- Auto Restart/Reset
- Auto Changeover
- Low Ambient
- Power Diffuser*



9 (228)

R410A



9 (228)

R410A



Depth Inch (mm)

Refrigerant

8 (203)

R410A

⁺ The filter can be used for approximately 3 years if it is washed under water to restore its surface action when it is dirty.

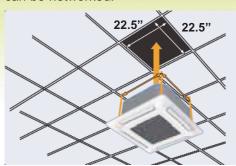
^{*}Feature of models ASU18, 24RLF only.

Compact Cassettes 9, 12, and 18,000 BTUs

AUU9RLF. AUU12RLF. AUU18RLF

Easy Installation

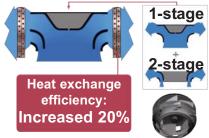
Fits into a standard ceiling tile*. Compact cassette and slim duct models can be networked.



*Dimensions of outer grille are 27-9/16" x 27-9/16" and may overlap adjacent tiles.

2-Stage Turbo Fan

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



Standard Features

- Weekly Timer
- Dry Mode
- Auto Louver: Up/ Down
- Quiet Mode
- Auto Restart/Reset
- Auto Changeover
- Low Ambient
- Long Piping Length (165'+)
- Remote Temperature Sensor
- High Ceiling Mode
- Condensate Pump
- 2-Stage Turbo Fan
- Fresh Air Intake**

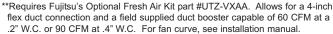


Nominal Heating BTU/h	10,200	13,500	20,000
Low Temp. Heating 17°F BTU/h	TBA	TBA	TBA
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	208-230/60/1
Air Circ. C.F.M. (m³/h): Hi	540 (318) Clg or Htg	610 (359) Clg or Htg	750 (441) Clg 800 (471) Htg
Medium	490 (288) Clg or Htg	530 (312) Clg or Htg	610 (359) Clg 710 (418) Htg
Low	440 (259) Clg or Htg	470 (277) Clg or Htg	520 (306) Clg 600 (353) Htg
Quiet	390 (230) Clg or Htg	410 (241) Clg or Htg	410 (241) Clg 450 (265) Htg
Noise Level dB(A) Clg/Htg: Hi	33/34	37/37	42/44
Medium	31/32	33/33	37/40
Low	29/29	31/31	33/37
Quiet	27/27	28/28	29/30
Running Current Rated (A): Cooling	0.20	0.20	0.40
Heating	0.20	0.20	0.40
Power Use Rated/Max (W): Clg	46	46	92
Heating	46	46	92
Fan Speeds Stage	4+auto	4+auto	4+auto
Air Direction: Vertical	Automatic	Automatic	Automatic
Air Filter	Washable	Washable	Washable
Front Grille	UTG-CCGF*	UTG-CCGF*	UTG-CCGF*
Connection Method	Flare	Flare	Flare
Conn. Pipe Diameter Inch	suc 3/8 dis 1/4	suc 3/8 dis 1/4	suc 1/2 dis 1/4
Net Weight Ibs. (kg)	33 (15)	33 (15)	33 (15)
Chassis Dim: Height Inch (mm)	9-11/16 (245)	9-11/16 (245)	9-11/16 (245)
Width Inch (mm)	22-7/16 (570)	22-7/16 (570)	22-7/16 (570)
Depth Inch (mm)	22-7/16 (570)	22-7/16 (570)	22-7/16 (570)
Grille Dim: Height Inch (mm)	1-15/16 (49)	1-15/16 (49)	1-15/16 (49)
Width Inch (mm)	27-9/16 (700)	27-9/16 (700)	27-9/16 (700)
Depth Inch (mm)	27-9/16 (700)	27-9/16 (700)	27-9/16 (700)

AUU9RLF Heat Pump

9,000

Nominal Cooling BTU/h



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

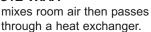


Refrigerant



R410A

Fresh Air Kit**







R410A



AUU12RLF AUU18RLF

18,000

R410A

Heat Pump

12,000

Slim Duct 9, 12, 18 and 24,000 BTUs

ARU9RLF, ARU12RLF, ARU18RLF, ARU24RLF





ARU9, 12RLF

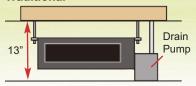
ARU18, 24RLF

	ARU9RLF Heat Pump	ARU12RLF Heat Pump	ARU18RLF Heat Pump	ARU24RLF Heat Pump
Nominal Cooling BTU/h	9,000	12,000	18,000	24,000
	10,200	13,500	20,000	27,000
Nominal Heating BTU/h	TBA	TBA	TBA	TBA
Low Temp. Heating 17°F BTU/h	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Voltage/Frequency/Phase	0 ~ 0.36	0 ~ 0.36	0 ~ 0.36	0 ~ 0.20
Recommended Static Pressure In. W. C.			940 (554)	
Air Circ. C.F.M. (m³/h) Clg/Htg: Hi	550 (324)	650 (383)	880 (518)	1,330 (783)
Medium	· , ,	` '	· , ,	1,240 (730)
Low	500 (294)	550 (324)	820 (483)	1,100 (648)
Quiet	450 (265)	480 (283)	750 (442)	1,030 (607) 35/35
Noise Level dB(A) (Clg/Htg): Hi	28/28	28/28	31/31	
Medium	27/27	27/27	29/29	32/32
Low	26/26	26/26	27/27	29/29
Quiet	25/25	25/25	25/25	26/26
Running Current Rated (A): Cooling	0.69	0.72	0.87	1.17
Heating	0.69	0.72	0.87	1.17
Power Use Rated (W): Cooling	159	166	200	269
Heating	159	166	200	269
Fan Speeds Stage	3 + Auto	3 + Auto	3 + Auto	3 + Auto
Air Filter	Washable	Washable	Washable	Washable
Connection Method	Flare	Flare	Flare	Flare
Conn. Pipe Diameter Inch	suc 3/8 dis 1/4	suc 3/8 dis 1/4	suc 1/2 dis 1/4	suc 5/8 dis 1/4
Net Weight Ibs. (kg)	41 (19)	41 (19)	50 (23)	59 (27)
Dimensions: Height Inch (mm)	7-25/32 (198)	7-25/32 (198)	7-25/32 (198)	7-25/32 (198)
Width Inch (mm)	27-9/16 (700)	27-9/16 (700)	35-7/16 (900)	43-5/16 (1,100)
Depth Inch (mm)	24-13/16 (620)	24-13/16 (620)	24-13/16 (620)	24-13/16 (620)
Supply Duct Flange Dimensions: Height <i>Inch (mm)</i>	6 (152)	6 (152)	6 (152)	6 (152)
Width Inch (mm)	25-9/16 (649)	25-9/16 (649)	33-7/16 (849)	41-5/16 (1,049)
Depth Inch (mm)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)
Return Duct Flange Dimensions: Height <i>Inch (mm)</i>	6-1/8 (155)	6-1/8 (155)	6-1/8 (155)	6-1/8 (155)
Width Inch (mm)	21-15/16 (557)	21-15/16 (557)	29-15/16 (760)	37-1/16 (941)
Depth Inch (mm)	3/4 (19) (Flat)	3/4 (19) (Flat)	3/4 (19) (Flat)	3/4 (19) (Flat)
Refrigerant	R410A	R410A	R410A	R410A

Slim Duct

Adaptable when ceiling cavity is small and there is no slope for drain.

Traditional

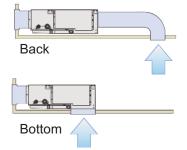


Slim Duct



Return Air-intake

Air intake direction can be selected to match the installation site.



Standard Features

- Dry Mode
- Weekly Timer
- Sleep Timer*
- 24-Hour Timer*
- Minimum Heat Mode*
- Auto Mode
- Quiet Mode
- Auto Restart/Reset
- Auto Changeover
- Low Ambient
- Long Piping Length (165'+)
- Condensate Pump
- Fresh Air Intake

^{*}Available only with optional wireless remote control.







Branch Boxes

UTP-PU03A, UTP-PU03B





UTP-PU03A

UTP-PU03B

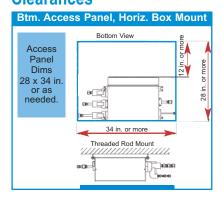
	UTP-PU03A Primary	UTP-PU03B Secondary	
Connectable Indoor Unit	1 ~ 3	1 ~ 3	
Max. Combination BTU/h	62,000 Nom.*	62,000 Nom.*	
Min. Combination BTU/h	7,000 Nom.*	7,000 Nom.*	
Clg. Operating Range °F(°C)	25-115 (-5-46)	25-115 (-5-46)	
Htg. Operating Range °F(°C)	5-75 (-15-24)	5-75 (-15-24)	
%RH	80 or less	80 or less	
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	
Maximum Current Ampacity (A)	15	15	
Running Current Rated (A): Cooling	0.050	0.050	
Heating	0.050	0.050	
Power Use Rated (W): Cooling	10	10	
Heating	10	10	

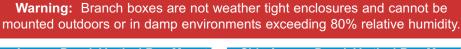
Dimensions: Gross (Flare to Flare):
Height x Width x Depth Inch
Height x Width x Depth mm
Dimensions: Net (Metal Box Only):
Height x Width x Depth Inch
Height x Width x Depth mm
Net Weight Ibs. (kg)
Conn. Pipe Diameter - Main Inch
Conn. Pipe Diameter - Branch Inch
Connection Method

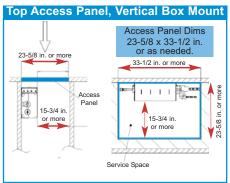
Connection Adapter Included Inch

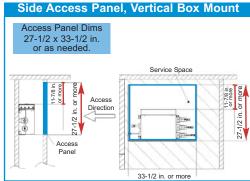
UTP-PU03A	UTP-PU03B		
Primary	Secondary		
10 x 36-5/8 x 17-1/8	10 x 36-5/8 x 17-1/8		
255 x 929 x 434	255 x 929 x 434		
7-5/8 x 17 x 14-5/8	7-5/8 x 17 x 14-5/8		
195 x 433 x 370	195 x 433 x 370		
20 (9)	20 (9)		
(3/8 Liq. x 5/8 Suc.)	(3/8 Liq. x 5/8 Suc.)		
(1/4 Liq. x 1/2 Suc.) 3 pair	(1/4 Liq. x 1/2 Suc.) 3 pair		
Flare	Flare		
(1/2MF x 3/8FF) x 3	(1/2MF x 3/8FF) x 3		
(1/2MF x 5/8FF) x 3	(1/2MF x 5/8FF) x 3		
No adapter needed for 18k BTU	No adapter needed for 18k BTU		
·			

Clearances

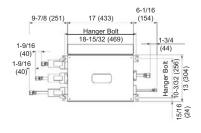


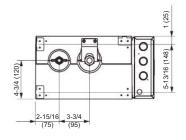


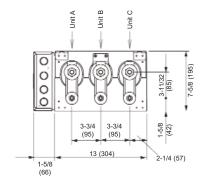




Dimensions In (mm)

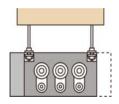


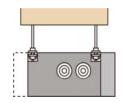




Allowed Branch Box Mounting Direction

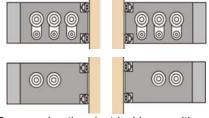
Threaded Rod Mount





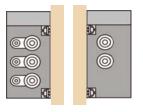
By reversing the electrical box position you <u>can</u> orient the inlet and outlet pipes into a left hand or right hand configuration.

Horizontal Wall Mount



By reversing the electrical box position you <u>can</u> orient the inlet and outlet pipes into a left hand or right hand configuration.

Vertical Wall Mount



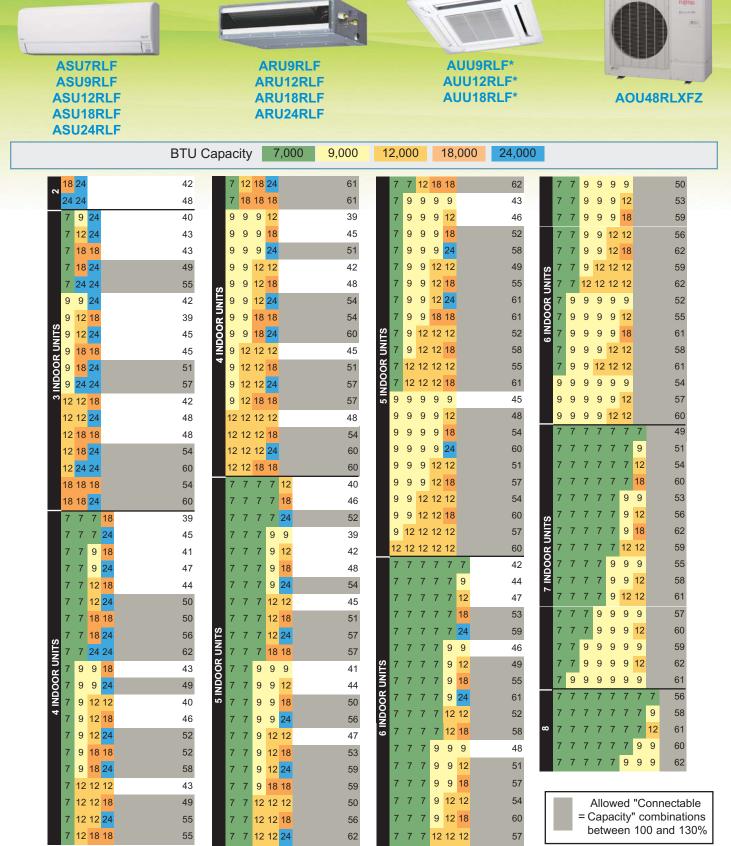
You <u>cannot</u> reverse the electrical box position when mounting the branch box vertically.



^{*}So long as the total system nominal capacity is between 39,000 and 62,000 BTUs.

Allowable Combinations

156 Combinations Based on BTU (3,266 Combo's Based on Indoor Type and BTU)

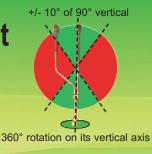


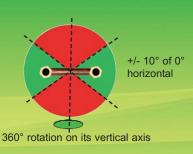
^{*} Compact Cassette Grille UTG-CCGF sold separately. Must order one with each compact cassette.

Separation Tube Assembly Kit

UTP-SX248A







Size	Liquid Inch	3/8 x 3/8 x 3/8
0120	Suction Inch	5/8 x 5/8 x 5/8

Optional Accessories

Central Remote Control #UTY-DMMUM

This remote controls up to 8 individual indoor units on a Hybrid Flex Inverter (HFI) system.

Set temperatures on timers to best meet individuals' needs. The sleek design includes a large backlit LCD and 4-way navigation pad. Remote connects in daisy chain to branch boxes.



Simple Remote Control #UTY-RSNUM

Suitable when only basic operations are required for hotels, offices and other places where there is frequent arrival and departure of occupants. To be used with all HFI indoor models.



Receiver Unit #UTY-LRHUM

#UTY-RNNUM

Includes a wireless remote control. For use on slim duct Halcyon HFI indoor

Wired Remote Control for Wall Mounts

The wired remote controller with its unique

lock function and sleek design provides full

feature access to property managers, build-

ing owners, and facility maintenance, as well

as providing basic comfort features to tenants, employees,

and teachers. Requires interface kit UTY-XCBXZ1.





External Switch #UTY-TEKX

Allows system to be operated by third party control such as key card switch or remote sensor. External switch controller can provide access to On/Off, Temperature, Fan speed, and Operation mode. To be used with all HFI indoor models.



For spaces where there is just no place to mount the wired remote. For use only with HFI compact cassttes.



Field Supplied Filters Used With Slim Duct Units

Slim Duct Units require field supplied filters. They can be installed at the unit or for more convenient servicing, in filter grilles. The chart to the right provides guidelines for determining filter sizes.

The chart includes CFM, external static pressure capability and a typical filter size for each model. Filters are sized to keep velocities and static pressure loss low. This will insure sufficient static pressure is available for ductwork, fittings and supply and return grilles. Alternative filter sizes with equivalent face areas can be used. After deducting filter loss, available static pressure values are shown.

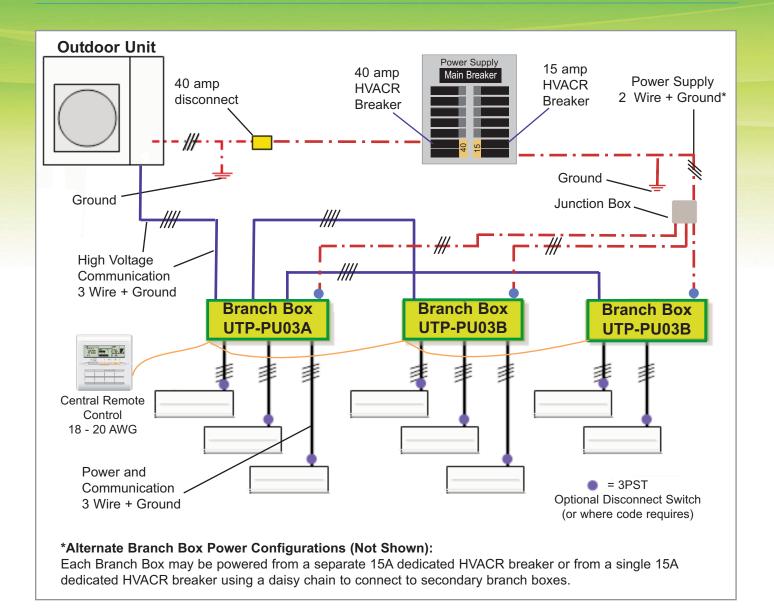


A fiberglass filter is shown in blue to the left. A MERV pleated filter is shown in white.

	ARU 9RLF	ARU 12RLF	ARU 18RLF	ARU 24RLF
CFM	353	353	547	806
Typical Filter Size	12 x 20	12 x 20	14 x 25	18 x 30
Velocity, FPM	212	212	225	215
Unit External SP, in. W.C.	0.36	0.36	0.36	0.20
		1" Fibergl	lass Filter	r
SP Loss, in. W.C.	0.04	0.04	0.04	0.04
Available Static Pressure	0.32	0.32	0.32	0.16
	1"	MERV 8 P	Pleated Fi	lter
SP Loss, in. W.C.	0.12	0.12	0.14	0.13
Available Static Pressure	0.24	0.24	0.22	0.07
	2" MERV 8 Pleated Filter			
SP Loss, in. W.C.	0.07	0.07	0.08	0.07
Available Static Pressure	0.29	0.29	0.28	0.13



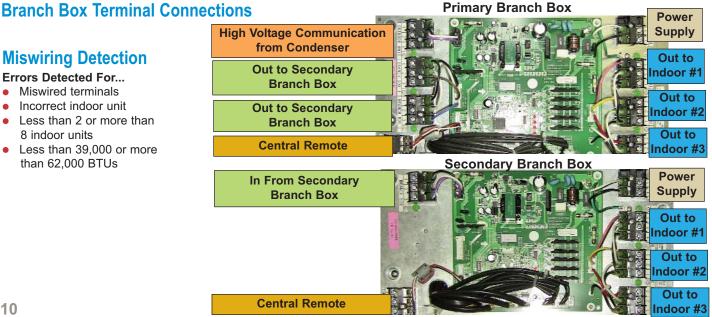
Wiring



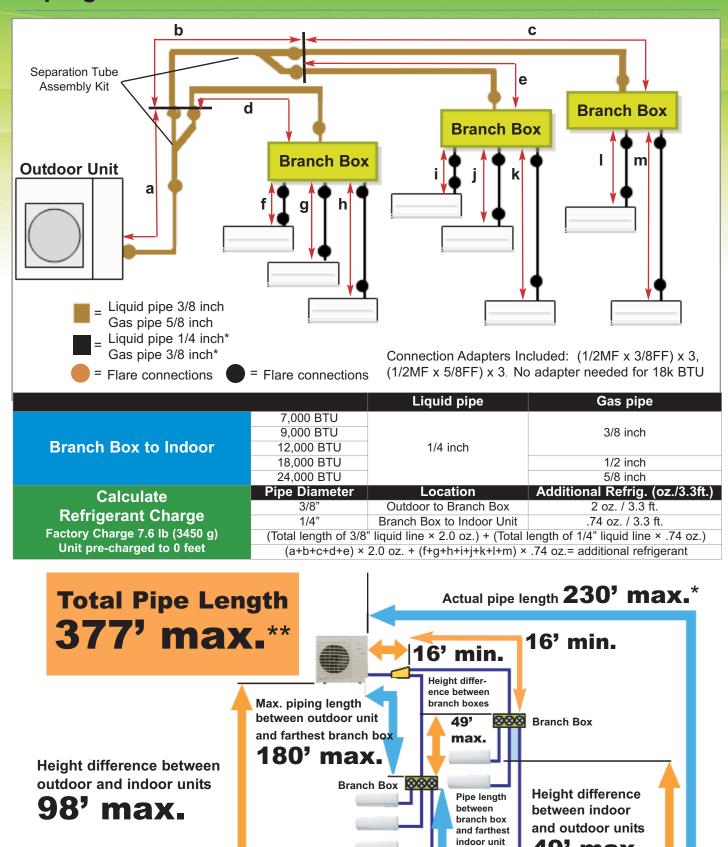
Miswiring Detection

Errors Detected For...

- Miswired terminals
- Incorrect indoor unit
- Less than 2 or more than 8 indoor units
- Less than 39,000 or more than 62,000 BTUs



Piping



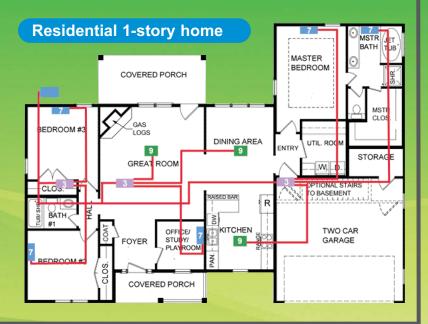
Distance between outdoor unit & farthest indoor unit.



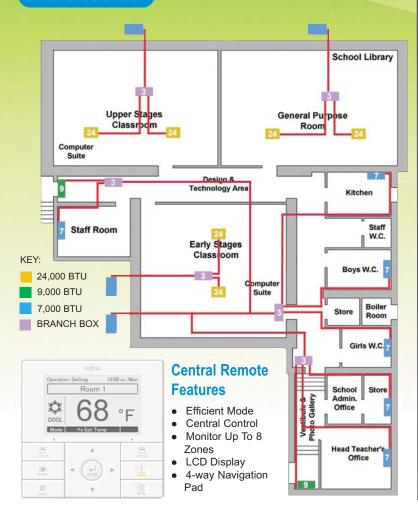
1ax.

49' max.

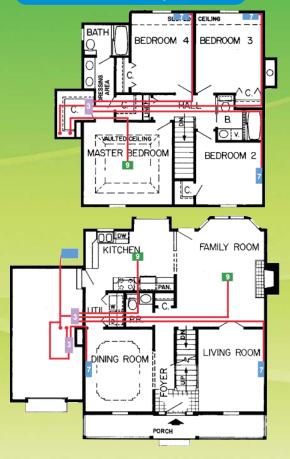
Examples



Church/School



Residential 2-story home









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