

FUJITSU

Split Terminal Heat Pump  
(STHP) Series

**STHP**

SPLIT TERMINAL HEAT PUMP



FUJITSU GENERAL AMERICA, INC

## SPLIT TERMINAL HEAT PUMP(STHP) - IDEAL REPLACEMENT FOR PTAC SYSTEMS



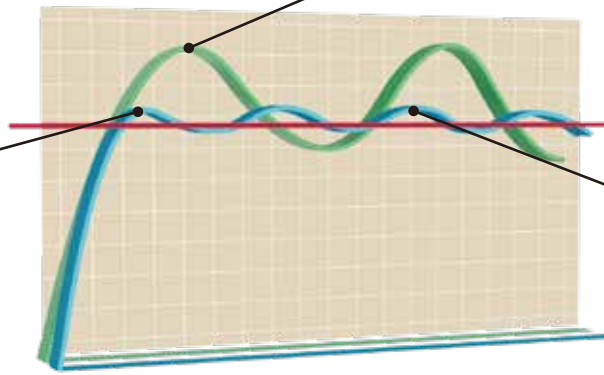
## STOP PAYING AN EXPENSIVE ENERGY BILL

Significant energy savings. Up to 58% reduction in electricity costs.  
 PTHP with electric heat used for energy consumption calculation.

② PTAC takes a long time to reach the set temperature

① STHP reaches the set temperature quickly

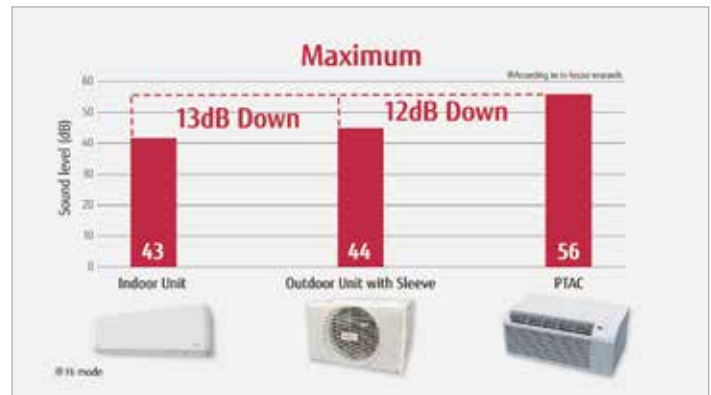
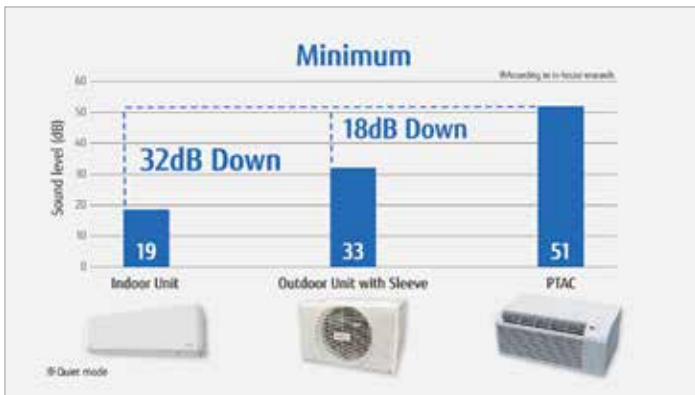
③ STHP maintains desired temperature. Lower RPM = quieter operation.



■ PTAC(Fix speed) ■ STHP (Inverter)

## REST EASY WITH LOWER SOUND LEVELS

Up to 87% quieter than a PTAC



## EXPERIENCE CONSTANT COMFORT

Louver control can be adjusted in multiple steps

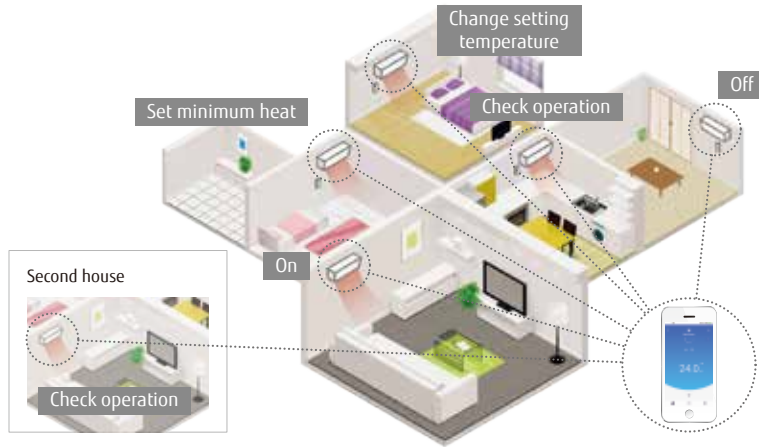


7 louver settings with auto-swing



# CONTROL YOUR HOME'S CLIMATE ANYTIME, ANYWHERE!

Using the free FGLair app, access control functions remotely from any smartphone or tablet.



## Wireless LAN Interface

The optional Wireless LAN adapter enables remote operation via smartphone or tablet.



Wireless LAN Interface (USB)  
UTY-TFSXF1

+



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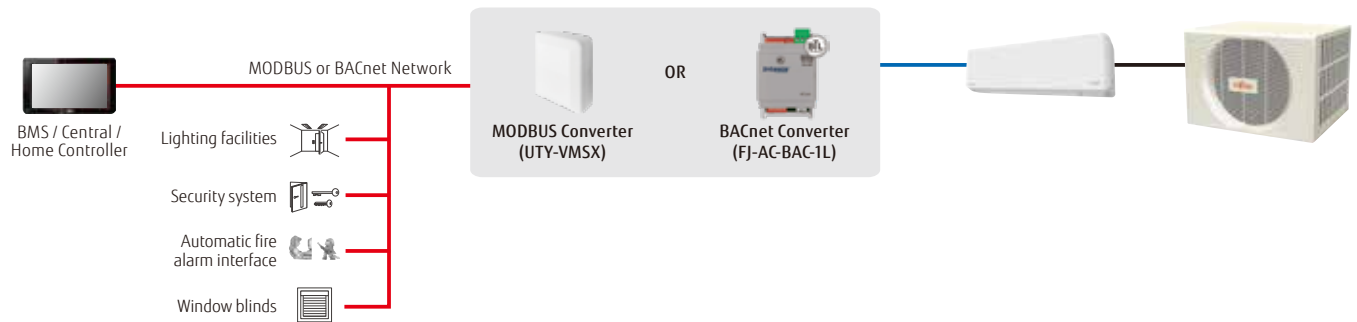


## INTERLOCKING WITH EXTERNAL DEVICES (OPTION)

Capable of being controlled through a field supplied key card switch or other sensors. This makes the STHP ideal for hospitality application.



## CAN BE CONNECTED TO CENTRALIZED MANAGEMENT (option)



## VARIOUS REMOTE CONTROL OPTIONS ARE AVAILABLE



Communication Kit (Option)  
UTY-TWRXZ2



24V Thermostat Interface  
(Option) UTY-TTRXZ1



Wireless LAN Interface  
UTY-TFSXF1



Wireless Remote Controller



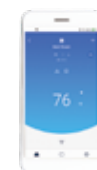
Wired Remote Control  
UTY-RNRUZ Series\*2



Simple Remote Controller  
UTY-RSRY OR UTY-RHRY\*2



Conventional 24V Thermostat\*1



Smart device

\*1: Requires UTY-TTRXZ1 \*2: Requires communication kit

**Specifications**



09LEAS1

12LEAS1

Performance		09LEAS1		12LEAS1	
Rated Cooling	BTU/h	9,000		12,000	
Min.-Max. Cooling	BTU/h	3,070–9,900		3,070–12,300	
Rated Heating	BTU/h	10,900		12,000	
Min.-Max. Heating	BTU/h	3,070–13,000		3,070–14,700	
SEER		21.3		18.0	
HSPF		11.1		11.0	
EER		12.5		8.5	
Cooling Operating Range	°F (°C)	14 to 115 (-10 to 46)		14 to 115 (-10 to 46)	
Heating Operating Range	°F (°C)	5 to 75 (-15 to 24)		5 to 75 (-15 to 24)	
Moisture Removal	Pt./h (l/h)	2.7 (1.3)		3.8 (1.8)	
Fan (Cooling Mode)					
Air Circulation: Hi	CFM (m3/h)	453 (770)		453 (770)	
Medium	CFM (m3/h)	353 (600)		353 (600)	
Low	CFM (m3/h)	265 (450)		265 (450)	
Quiet	CFM (m3/h)	147 (250)		147 (250)	
Fan Speed Stages		4 + Auto		4 + Auto	
Sound					
Indoor Sound Level (Clg/Htg): Hi	dB(A)	43/43		43/43	
Medium	dB(A)	36/38		36/38	
Low	dB(A)	30/33		30/33	
Quiet	dB(A)	19/21		19/21	
Outdoor Sound Level Clg/Htg	dB(A)	54/55		54/58	
Electrical					
Voltage/Frequency/Phase		208/230 V ~ 60 Hz		208/230 V ~ 60 Hz	
Circuit Breaker	Amps	15		15	
Current Rated/Max: Cooling	Amps	3.4/8.4		6.4/8.4	
Current Rated/Max: Heating	Amps	3.7/9.4		4.3/9.4	
Power Use Rated/Max: Cooling	kW	0.72/ 1.58		1.41/ 1.58	
Power Use Rated/Max: Heating	kW	0.79/ 1.63		0.92/ 1.63	
Size & Weight					
Net Weight	lbs. (kg)	22 (10)	62 (28)	22 (10)	62 (28)
Dimensions: Height	Inch	10-5/8	14-5/16	10-5/8	14-5/16
	mm	270	363	270	363
Width	Inch	32-13/16	19-11/16	32-13/16	19-11/16
	mm	834	500	834	500
Depth	Inch	8-3/4	19-5/16	8-3/4	19-5/16
	mm	222	490	222	490
Refrigerant		R410A		R410A	
Additional Data					
Air Direction: Horizontal		Manual		Manual	
Air Direction: Vertical		Automatic		Automatic	
Air Filter Type		Washable		Washable	
Minimum Lineset Length	Ft (m)	6.5 (2.0)		6.5 (2.0)	
Maximum Lineset Length	Ft (m)	25 (7.5) (pre-charge 25')		25 (7.5) (pre-charge 25')	
Max. Vertical Diff.	Ft (m)	10 (3.0)		10 (3.0)	
Lineset Size	Inch	Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4
Note: Figures are based on 230 Volts.		Indoor ASUH09LMS	Outdoor AOUH09LEAS1	Indoor ASUH12LMS	Outdoor AOUH12LEAS1

Sleeve		UTZ-WUZA-C	UTZ-WUZB-C
Model		UTZ-WUZA-C	UTZ-WUZB-C
Dimensions (H x W x D)	in (mm)	16-1/16 x 42 x 27-7/16 (408 x 1,067 x 697)	16-1/16 x 42 x 22-11/16 (408 x 1067 x 577)
Weight	lb (kg)	84 (38)	73 (33)
Drain pipe material		Copper	Copper
Tip diameter	in (mm)	Ø 1/2 (Ø 12.7) (O.D.)	Ø 1/2 (Ø 12.7) (O.D.)



Indoor unit



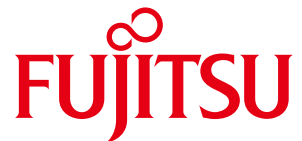
Handheld Remote Control



Outdoor unit



Sleeve



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