

WSYA050ML3 / WSYA080ML3 / WSYA100ML3  
WOYA060KLT / WOYA080KLT / WOYA100KLT

### Air Source Heat Pump Split System

**NEW**



#### Hydraulic indoor unit:

WSYA050ML3 / WSYA080ML3 / **NEW** WSYA100ML3

#### Outdoor unit:

WOYA060KLT / WOYA080KLT / **NEW** WOYA100KLT



Hydraulic indoor unit  
Single phase



Outdoor unit  
Single phase  
5/6kW



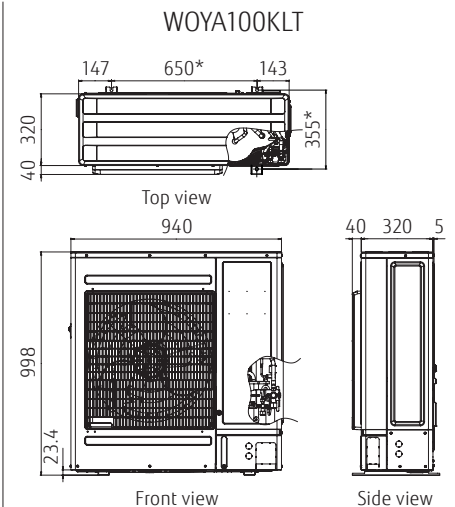
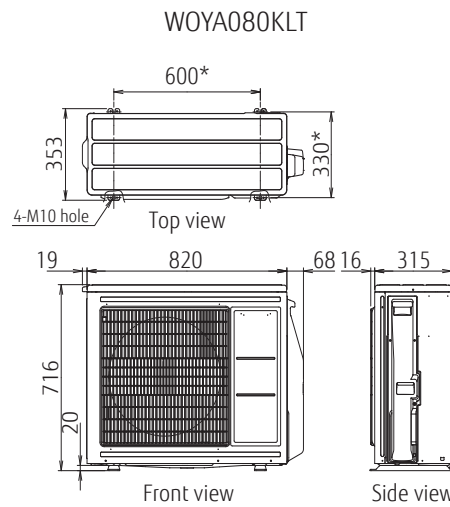
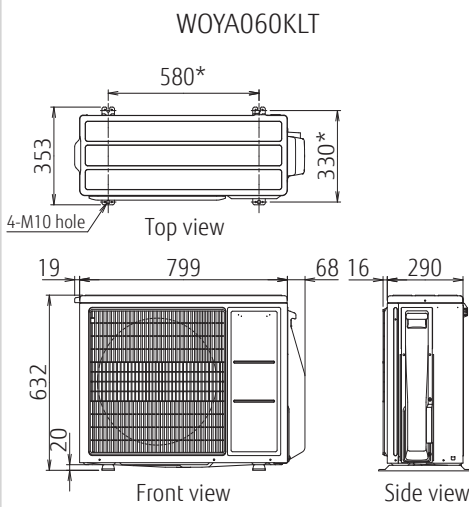
Outdoor unit  
Single phase  
8kW



Outdoor unit  
Single phase  
10kW

#### Dimensions (Unit:mm)

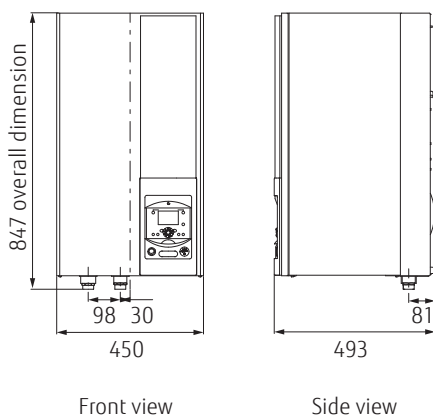
##### Outdoor Unit:



\*Pitch of bolts for installation

##### Hydraulic Indoor Unit

WSYA050ML3/WSYA080ML3/WSYA100ML3



##### High Leaving Water Temperature

Maximum leaving water temperature is 55°C without backup heater. Hot water supply temperature can be maintained even at -10°C outdoor temperature.



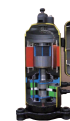
\* If you want to raise the hot water supply temperature, backup heater can be used for the auxiliary operation.

##### Outdoor unit technology



###### DC Fan Motor

High performance, high efficiency small DC fan motor mounted.



###### DC Twin Rotary Compressor

High efficient DC twin rotary compressor



###### DC Inverter

Smooth water temperature control realized by DC inverter control.

## Air Source Heat Pump Split System

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### Specifications

Model Name	Hydraulic indoor unit	WSYA050ML3	WSYA080ML3	WSYA080ML3	WSYA080ML3	WSYA100ML3				
Capacity range	Outdoor unit	WOYA060KLT	WOYA060KLT	WOYA080KLT	WOYA100KLT	WOYA100KLT				
7°C/35°C floor heating *1	Heating capacity	4.50	5.50	7.50	9.50					
	Input power	0.949	1.18	1.69	2.11					
	COP	4.74	4.65	4.43	4.50					
2°C/35°C floor heating *1	Heating capacity	4.50	5.30	6.30	9.30					
	Input power	1.33	1.65	1.96	3.08					
	COP	3.39	3.22	3.21	3.02					
-7°C/35°C floor heating*1	Heating capacity	4.40	5.00	5.70	8.90					
	Input power	1.59	1.90	2.13	3.36					
	COP	2.76	2.63	2.68	2.65					
<b>Space heating characteristics*2</b>										
Temperature application	°C	55	35	55	35	55	35	55	35	
Energy efficiency class		A++	A+++	A++	A+++	A++	A+++	A++	A+++	
Rated heat output(P <sub>rated</sub> )	kW	5	5	5	6	6	7	8	9	
Seasonal space heating energy efficiency(η <sub>s</sub> )	%	125	175	125	175	128	177	130	178	
Annual energy consumption	kWh	3,035	2,322	3,411	2,594	3,903	2,982	5,083	3,875	
Sound power level*3	Hydraulic indoor unit	40	-	40	-	40	-	40	-	
	Outdoor unit	57	-	57	-	60	-	62	-	
<b>Hydraulic indoor unit Specification</b>										
Power source	Single phase 230 V 50 Hz									
Dimensions H×W×D	mm	847 × 450 × 493		847 × 450 × 493		847 × 450 × 493		847 × 450 × 493		
Weight (Net)	kg	47		47		47		47		
Water circulation	Min./Max.	L/min		8.5/22.0		10.0/22.0		13.2/30.0		
Buffer tank capacity	L	16		16		16		16		
Expansion vessel capacity	L	8		8		8		8		
Leaving water temperature range	Max.	°C		55		55		55		
Water pipe connection diameter	Flow/Return	mm		Ø 25.4/Ø 25.4		Ø 25.4/Ø 25.4		Ø 25.4/Ø 25.4		
Backup heater	Capacity	kW		3.0		3.0		3.0		
<b>Outdoor unit specification</b>										
Power source	Single phase 230 V 50 Hz									
Current	Max.	A		13.0		18.0		19.0		
Dimensions H × W × D	mm	632 × 799 × 290		632 × 799 × 290		716 × 820 × 315		998 × 940 × 320		
Weight (Net)	kg	39		39		42		62		
Refrigerant	Type (Global Warming Potential)	R32(675)		R32(675)		R32(675)		R32(675)		
	Charge	kg		0.97		1.02		1.63		
Additional refrigerant charge amount	g/m	25		25		25		20		
Connection pipe	Diameter	Liquid	mm		6.35		6.35		9.52	
		Gas	mm		12.70		12.70		15.88	
	Length	Min./Max.	m		3/30		3/30		3/30	
	Length(Pre-charge)	m	15		15		15		20	
Height difference	Max.	m		20		20		20		
Operating range	Heating	°C		-20 to 35		-20 to 35		-20 to 35		

\*1:The values of heating capacity/input power/COP are based on measurement of EN14511 standard. Usage environment, such as operation of the heating equipment, room temperature, and controller adjustments, may cause disparities between practically determined values and these values.

\*2:All information of ErP can be available for downloaded from [www.fujitsu-general.com/global/support/downloads/search/](http://www.fujitsu-general.com/global/support/downloads/search/)

\*3:The values of sound power level are based on measurement of EN12102 standard under conditions of EN14825 standard.

### High COP

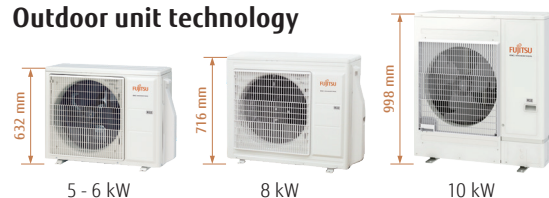
Waterstage Air to water heat pumps work much more efficiently and save energy compared to traditional heating systems.

Energy efficiency class



\*Temperature application : Heating Temp. 35°C.

### Outdoor unit technology



# FUJITSU

AIR CONDITIONING

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