

PRODUCT LINEUP for various needs

Type	S SPLIT TYPE					
	Super High Power series		High Power series		Comfort series	
Hydraulic indoor unit	 <p>Usable outdoor temperature: -25°C</p>		 <p>Usable outdoor temperature: -25°C</p>		 <p>Usable outdoor temperature: -20°C</p>	
Outdoor unit						
Capacity range:	15/16/17 kW		11/14 kW	11/14/16 kW	5/6/8 kW 10 kW	
System	<ul style="list-style-type: none"> • 60°C hot water supply even at -20°C outdoor temperature • 55°C hot water supply even at -22°C outdoor temperature • Different heating system can be used. Like floor heating, radiators and others.* • Heating and DHW in one system.* • Additional electric heater for backup provided. • Up to two independent control circuits.* • Cooling operation is possible.* 		<ul style="list-style-type: none"> • 60°C hot water supply even at -20°C outdoor temperature • Different heating system can be used. Like floor heating, radiators and others.* • Heating and DHW in one system.* • Additional electric heater for backup provided. • Up to two independent control circuits.* • Cascade connection up to three systems.* • Cooling operation is possible.*   <p>Check the validity of label at www.ehpa.org/quality/quality-label/</p>		<ul style="list-style-type: none"> • 55°C hot water supply even at -10°C outdoor temperature • Different heating system can be used. Like floor heating, radiators and others.* • Heating and DHW in one system.* • Additional electric heater for backup provided. • Up to two independent control circuits.* • Cooling operation is possible.* 	
Power source	1Ø 230 V/50 Hz	3Ø 400 V/50 Hz	1Ø 230 V/50 Hz	3Ø 400 V/50 Hz	1Ø 230 V/50 Hz	
Capacity range	5 kW				■	
	6 kW				■	
	8 kW				■	
	10 kW				■	
	11 kW			■	■	
	14 kW			■	■	
	15 kW		■			
	16 kW	■			■	
17 kW		■				

PRODUCT LINEUP

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SPLIT TYPE



Comfort series

High Efficiency & Comfort

- High COP
- High leaving water temperature
- Wide Comfort

Comfort Control

- Automatic heating curve operation
- Auto-changeover
- Cooling operation
- Quick recovery from defrost operation
- Backup heater operation

Flexible Installation

- Max.Piping Length: 30m
- Max.Height Difference: 20m

Energy Saving

- Programmable timer

Safety Function

- Anti-legionella function
- Anti-freeze function
- Emergency operation
- Error/Maintenance alarm

5 kW

6 kW

8 kW



Hydraulic indoor unit
WSYA050DG6
WSYA100DG6



Outdoor unit
WOYA060LFCA
WOYA080LFCA

10 kW



Outdoor unit
WOYA100LFTA



Hydraulic indoor unit
WSYA100DG6



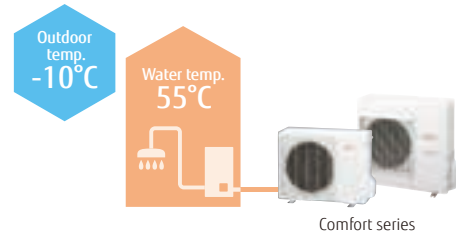
Heated up Comfortably

Comfort models realize high efficient operation by compact design suited for European environment. Hot water temperature can be controlled finely by All DC control and comfortable space heating and domestic hot water are provided.

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.



High COP

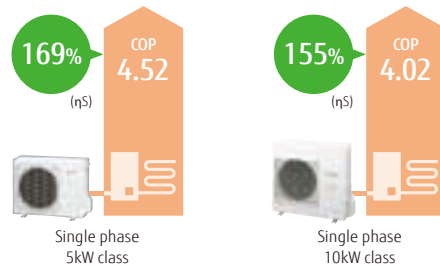
Air to water heat pumps work with much more efficiency and save more energy than a traditional heating system.

Energy efficiency class



*Temperature application : Heating Temp. 35°C.

Seasonal space heating energy efficiency (η_s)



Condition : Outdoor Temp. 7°C Heating Temp. 35°C.

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.

SPECIFICATIONS & DIMENSIONS

for Split Type Comfort Series

Specifications

Model Name	Hydraulic indoor unit Outdoor unit	WSYA050DG6 WOYA060LFCA	WSYA100DG6 WOYA060LFCA	WSYA100DG6 WOYA080LFCA	WSYA100DG6 WOYA100LFTA				
Capacity range		5	6	8	10				
7°C/35°C floor heating *1	Heating capacity	kW		4.50	6.00	7.50	10.00		
	Input power	kW		0.996	1.41	1.84	2.49		
	COP	kW		4.52	4.27	4.08	4.02		
2°C/35°C floor heating *1	Heating capacity	kW		4.50	4.95	5.65	7.70		
	Input power	kW		1.39	1.53	1.78	2.47		
	COP	kW		3.24	3.24	3.17	3.12		
-7°C/35°C floor heating*1	Heating capacity	kW		4.10	4.60	5.70	7.40		
	Input power	kW		1.47	1.74	2.23	2.97		
	COP	kW		2.79	2.64	2.56	2.49		
Space heating characteristics*2									
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 _{rated})	kW	4	4	5	5	6	7	8	8
Seasonal space heating energy efficiency (η _s)	%	115	169	115	169	118	156	113	155
Annual energy consumption	kWh	3,026	2,160	3,180	2,505	3,886	3,375	5,415	4,415
Sound power level	Hydraulic indoor unit	dB(A)		46	46	46	46	46	46
	Outdoor unit	dB(A)		65	60	65	63	65	69
Hydraulic indoor unit Specification									
Power source	Single-phase 230 V 50 Hz								
Dimensions H×W×D	mm	800 × 450 × 457							
Weight (Net)	kg	42							
Water circulation	Min/Max	L/min	8.1/16.2	10.8/21.7	13.5/27.1	18.1/36.1			
Buffer tank capacity	L	16							
Expansion vessel capacity	L	8							
Leaving water temperature range	Max	°C	55						
Water pipe connection diameter	Flow/Return	mm	Ø 25.4/Ø 25.4						
Backup heater	Capacity	kW	6.0(3.0kW×2pcs.)						
Outdoor unit specification									
Power source	Single-phase 230 V 50 Hz								
Current	Max	A	12.5			17.5		18.5	
Dimensions H × W × D	mm	620 × 790 × 290							
Weight (Net)	kg	41							
Refrigerant	Type (Global Warming Potential)	R410A (2,088)							
	Charge	kg	1.10			1.40		1.80	
Additional refrigerant charge amount		g/m	25			40		40	
Connection pipe	Diameter	Liquid	mm			Ø 12.7		Ø 15.88	
		Gas	mm			Ø 6.35		Ø 9.52	
	Length	Min/Max	m	5/30					
		Length(Pre-charge)	m	15					
Height difference	Max	m	20						
Operation range	Heating	°C	-20 to 35						

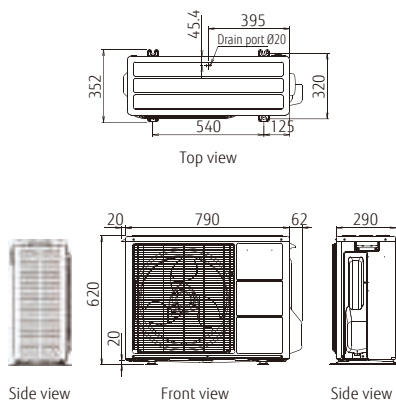
*1: The values of heating capacity/input power/COP are based on measurement of EN14511 standard. Usage environment, such as operation of the heating equipment, room temperature, and controller adjustments, may cause disparities between practically determined values and these values.

*2: All information of ErP can be available for downloaded from <https://www.fujitsu-general.com/global/support/downloads/search/index.html>

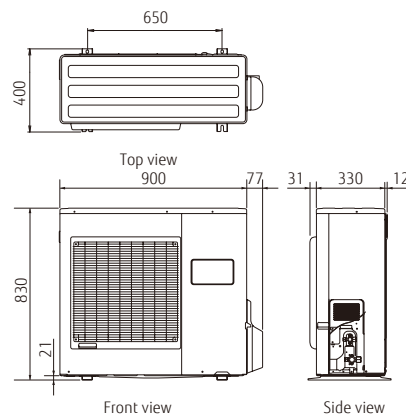
Dimensions

Outdoor Unit:

WOYA060LFCA/WOYA080LFCA



WOYA100LFTA



Hydraulic Indoor Unit:

WSYA050DG6/WSYA100DG6

