

### for Split DHW Integrated Type High Power Series

#### Specifications

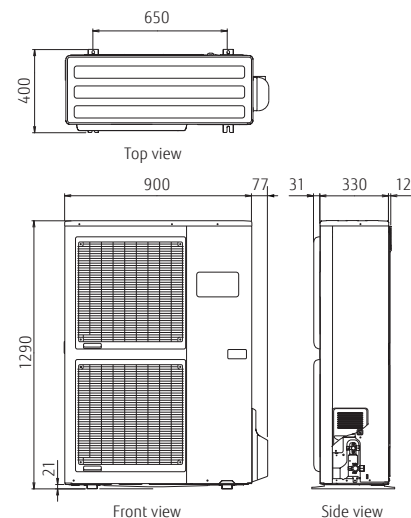
Model Name	Hydraulic indoor unit Outdoor unit	WGHG140DG WOHG112LHT	WGHG140DG WOHG140LCTA	WGHK160DG WOHK112LCTA	WGHK160DG WOHK140LCTA	WGHK160DG WOHK160LCTA
<b>Capacity range</b>		11	14	11	14	16
7°C/35°C floor heating *1	Heating capacity	10.80	13.50	10.80	13.50	15.17
	Input power	2.54	3.23	2.51	3.20	3.70
	COP	4.25	4.18	4.30	4.22	4.10
2°C/35°C floor heating *1	Heating capacity	10.77	12.00	10.77	13.00	13.50
	Input power	3.44	3.87	3.40	4.15	4.34
	COP	3.13	3.10	3.17	3.13	3.11
-7°C/35°C floor heating *1	Heating capacity	10.38	11.54	10.38	12.20	13.50
	Input power	4.32	5.08	4.28	5.13	5.40
	COP	2.40	2.27	2.43	2.38	2.50
<b>Space heating characteristics**</b>						
Temperature application	°C	55	35	55	35	55
Energy efficiency class		A+	A++	A+	A+	A++
Rated heat output (P <sub>rated</sub> )	kW	9	11	11	13	9
Seasonal space heating energy efficiency (η <sub>s</sub> )	%	112	151	113	148	112
Annual energy consumption	kWh	6,704	6,062	8,041	6,824	6,669
Sound power level	Hydraulic indoor unit	46		46		46
	Outdoor unit	68		69		71
<b>Domestic hot water characteristics**</b>						
Load profile		L				
Energy efficiency class		A				
Energy efficiency (η <sub>wh</sub> )	%	88				
Annual electricity consumption	kWh	1166				
<b>Hydraulic indoor unit Specification</b>						
Power source		Single-phase 230 V 50 Hz			3-phase, 400 V 50 Hz	
Dimensions H×W×D	mm	1,840×648×698			1,840×648×698	
Weight (Net)	kg	152			152	
Water circulation	L/min	19.5/39.0	24.4/28.7	19.5/39.0	24.4/48.7	27.4/54.8
DHW capacity	L	190				
Hot water heater capacity	kW	1.5				
Expansion vessel capacity	L	12				
Leaving water temperature range	Max °C	60				
Water pipe connection diameter	Flow/Return	Ø 25.4/Ø 25.4				
Hot water pipe connection diameter	mm	Ø 19.05				
<b>Outdoor unit specification</b>						
Power source		Single-phase 230 V 50 Hz			3-phase, 400 V 50 Hz	
Current	Max	A	22.0	25.0	9.0	9.5
Dimensions H × W × D	mm	1,290 × 900 × 330			1,290 × 900 × 330	
Weight (Net)	kg	92			99	
Refrigerant	Type (Global Warming Potential)	R410A (2,088)				
Additional refrigerant charge amount	Charge	kg				
Connection pipe	Diameter	Liquid	Ø 9.52			
	Gas	mm	Ø 15.88			
	Length	Min/Max	m			
Height difference	Max	m				
	Heating	°C				

\*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.

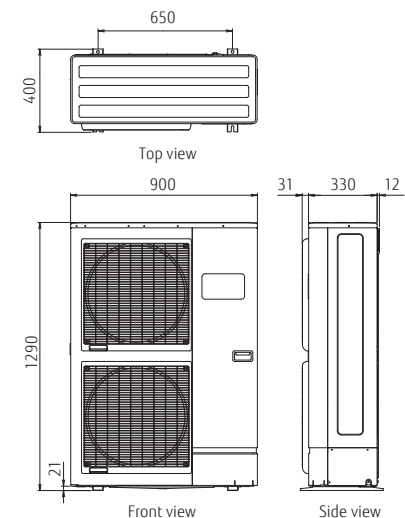
\*2: All information of ErP can be available for downloaded from <https://www.fujitsu-general.com/global/support/downloads/search/index.html>

#### Dimensions

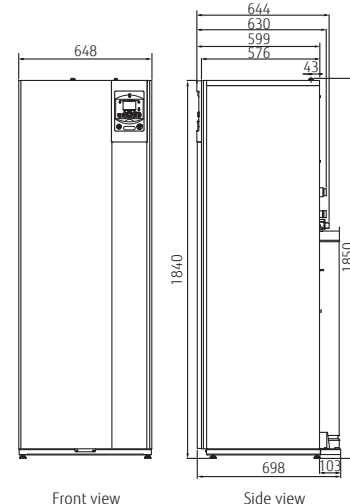
**Outdoor Unit:**  
Single Phase: WOHG112LHT/WOHG140LCTA



3 Phase: WOHK112LCTA/WOHK140LCTA/WOHK160LCTA



**Hydraulic Indoor Unit:**  
Single Phase: WGHG140DG  
3 Phase: WGHK160DG



### for Split DHW Integrated Type Comfort Series

#### Specifications

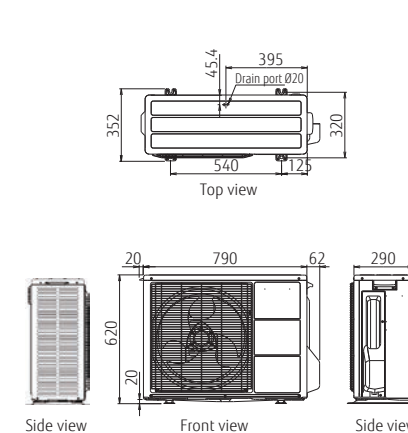
Model Name	Hydraulic indoor unit Outdoor unit	WGHA050DG WOHA060LFCA	WGHA100DG WOHA060LFCA	WGHA100DG WOHA080LFCA	WGHA100DG WOHA100LFCA
<b>Capacity range</b>		5	6	8	10
7°C/35°C floor heating *1	Heating capacity	4.50	6.00	7.50	10.00
	Input power	0.996	1.41	1.84	2.49
	COP	4.52	4.27	4.08	4.02
2°C/35°C floor heating *1	Heating capacity	4.50	4.95	5.65	7.70
	Input power	1.39	1.53	1.78	2.47
	COP	3.24	3.24	3.17	3.12
-7°C/35°C floor heating *1	Heating capacity	4.10	4.60	5.70	7.40
	Input power	1.47	1.74	2.23	2.97
	COP	2.79	2.64	2.56	2.49
<b>Space heating characteristics**</b>					
Temperature application	°C	55	35	55	35
Energy efficiency class		A+	A++	A+	A++
Rated heat output (P <sub>rated</sub> )	kW	4	4	5	5
Seasonal space heating energy efficiency (η <sub>s</sub> )	%	115	169	115	169
Annual energy consumption	kWh	3,026	2,160	3,180	2,505
Sound power level	Hydraulic indoor unit	46		46	
	Outdoor unit	65	60	65	63
<b>Domestic hot water characteristics**</b>					
Load profile		L			
Energy efficiency class		A+			
Energy efficiency (η <sub>wh</sub> )	%	120			
Annual electricity consumption	kWh	880			
<b>Hydraulic indoor unit Specification</b>					
Power source		Single-phase 230 V 50 Hz			
Dimensions H×W×D	mm	1,840×648×698			
Weight (Net)	kg	152			
Water circulation	L/min	8.1/16.2	10.8/21.7	13.5/27.1	18.1/36.1
DHW capacity	L	190			
Hot water heater capacity	kW	1.5			
Expansion vessel capacity	L	12			
Leaving water temperature range	Max °C	55			
Water pipe connection diameter	Flow/Return	Ø 25.4/Ø 25.4			
Hot water pipe connection diameter	mm	Ø 19.05			
<b>Outdoor unit specification</b>					
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)			
Additional refrigerant charge amount	Charge	kg			
Connection pipe	Diameter	Liquid	Ø 9.52		
	Gas	mm	Ø 15.88		
	Length	Min/Max	m		
Height difference	Max	m			
	Heating	°C			

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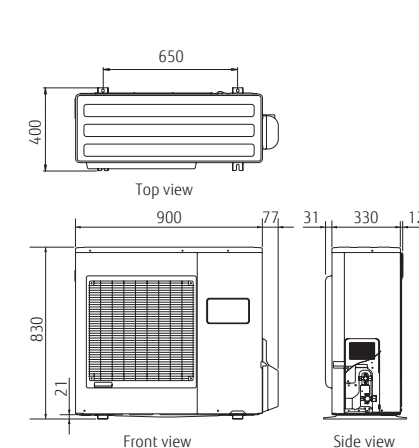
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#### Dimensions

**Outdoor Unit:**  
WOHA060LFCA/WOHA080LFCA



WOHA100LFCA



**Hydraulic Indoor Unit:**  
WGHA050DG/WGHA100DG

