

Specifications & Dimensions

for Split Type Super High Power Series

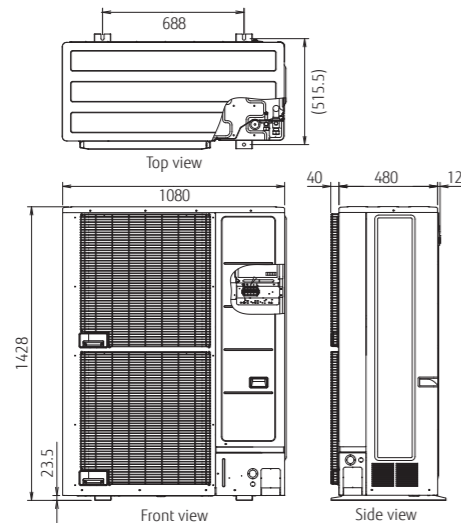
Specifications

		Tentative			
Model Name	Hydraulic indoor unit Outdoor unit	WSHG160DJ6 WOHG160LJL	WSHK170DJ9 WOHK150LJL	WSHK170DJ9 WOHK170LJL	
Capacity range		16	15	17	
7°C/35°C floor heating *1	Heating capacity	16.00	15.00	17.00	
	Input power	3.86	3.46	4.10	
	COP	4.15	4.33	4.15	
2°C/35°C floor heating *1	Heating capacity	13.30	13.20	13.50	
	Input power	4.25	4.06	4.27	
	COP	3.13	3.25	3.16	
-7°C/35°C floor heating *1	Heating capacity	14.50	13.20	15.00	
	Input power	5.27	4.55	5.32	
	COP	2.75	2.90	2.82	
Space heating characteristics*2					
Temperature application	°C	55	35	55	35
Energy efficiency class		A++	A++	A++	A++
Rated heat output (P _{rated})	kW	14	16	17	18
Seasonal space heating energy efficiency (η _s)	%	125	163	130	161
Annual energy consumption	kWh	8,757	8,014	9,915	8,606
Sound power level	Hydraulic indoor unit	45	45	45	45
	Outdoor unit	67	66	67	68
Hydraulic indoor unit Specification					
Power source		Single-phase, 230 V 50 Hz		3-phase, 400 V 50 Hz	
Dimensions H×W×D	mm	805 × 450 × 471		805 × 450 × 471	
Weight (Net)	kg	52.5		52.5	
Water circulation	Min/Max	L/min 26.4/57.8		24.0/54.2	
Buffer tank capacity	L	25		25	
Expansion vessel capacity	L	10		10	
Leaving water temperature range	Max	°C 60		60	
Water pipe connection diameter	Flow/Return	mm Ø 25.4/Ø 25.4		Ø 25.4/Ø 25.4	
Backup heater	Capacity	kW 6.0(3.0kW×2pcs.)		9.0(3.0kW×3pcs.)	
Outdoor unit specification					
Power source		Single-phase, 230 V 50 Hz		3-phase, 400 V 50 Hz	
Current	Max	A 28.00		14.0	
Dimensions H × W × D	mm	1,428 × 1,080 × 480		1,428 × 1,080 × 480	
Weight (Net)	kg	137		138	
Refrigerant	Type (Global Warming Potential)	R410A (2,088)			
Additional refrigerant charge amount	Charge	kg 3.80		3.80	
		g/m 50		50	
Connection pipe	Diameter	Liquid	mm Ø 9.52		Ø 9.52
		Gas	Ø 15.88		Ø 15.88
	Length	Min/Max	m 5/30		5/30
	Length(Pre-charge)		m 15		15
Height difference	Max	m 25/15 (Outdoor unit:Upper/Lower)			
	Heating	°C -25 to 35			

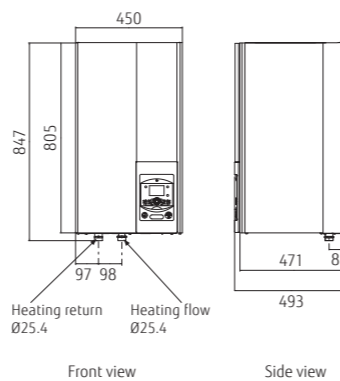
*1: The values of heating capacity/input power/COP are based on measurement of EN14511 standard. Usage environment, such as operation of the heating equipment, room temperature, and controller adjustments, may cause disparities between practically determined values and these values.
 *2: All information of ErP can be available for downloaded from <https://www.fujitsu-general.com/global/support/downloads/search/index.html>

Dimensions

Outdoor Unit:
 Single Phase: WOHG160LJL
 3 Phase: WOHK150LJL/WOHK170LJL



Hydraulic Indoor Unit:
 Single Phase: WSHG160DJ6
 3 Phase: WSHK170DJ9



for Split Type High Power Series

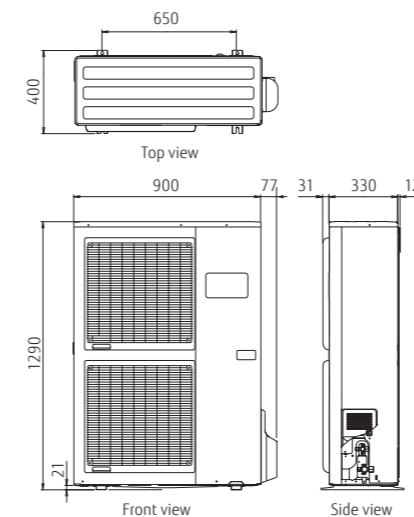
Specifications

Model Name	Hydraulic indoor unit Outdoor unit	WSHG140DG WOHG112LHT	WSHG140DG WOHG140LCTA	WSHK160DG WOHK112LCTA	WSHK160DG WOHK140LCTA	WSHK160DG WOHK160LCTA
Capacity range		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
Space heating characteristics*2						
Temperature application	°C	55	35	55	35	55
Energy efficiency class		A+	A++	A+	A+	A+
Rated heat output (P _{rated})	kW	9	11	11	13	14
Seasonal space heating energy efficiency (η _s)	%	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
Hydraulic indoor unit Specification						
Power source		Single-phase, 230 V 50 Hz			3-phase, 400 V 50 Hz	
Dimensions H×W×D	mm	800 × 450 × 457			800 × 450 × 457	
Weight (Net)	kg	42			42	
Water circulation	Min/Max	L/min 19.5/39.0			24.4/48.7	
Buffer tank capacity	L	16			16	
Expansion vessel capacity	L	8			8	
Leaving water temperature range	Max	°C 60			60	
Water pipe connection diameter	Flow/Return	mm Ø 25.4/Ø 25.4			Ø 25.4/Ø 25.4	
Outdoor unit specification						
Power source		Single-phase, 230 V 50 Hz			3-phase, 400 V 50 Hz	
Current	Max	A 22.0			25.0	
Dimensions H × W × D	mm	1,290 × 900 × 330			9.0	
Weight (Net)	kg	92			99	
Refrigerant	Type (Global Warming Potential)	R410A (2,088)				
Additional refrigerant charge amount	Charge	kg 2.50				
		g/m 50				
Connection pipe	Diameter	Liquid	mm Ø 9.52			
		Gas	Ø 15.88			
	Length	Min/Max	m 5/20			
	Length(Pre-charge)		m 15			
Height difference	Max	m 15				
	Heating	°C -25 to 35				

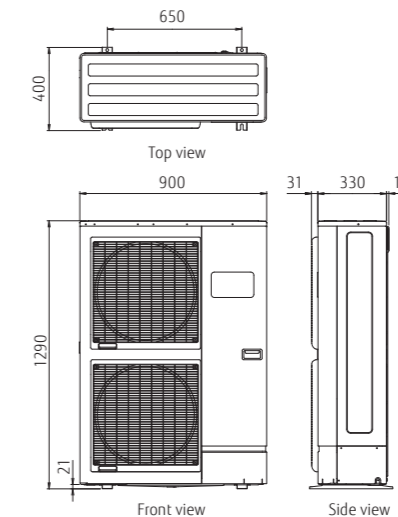
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Dimensions

Outdoor Unit:
 Single Phase: WOHG112LHT/WOHG140LCTA



3 Phase: WOHK112LCTA/WOHK140LCTA/WOHK160LCTA



Hydraulic Indoor Unit:
 Single Phase: WSHG140DG
 3 Phase: WSHK160DG

