

Product information according to Commission Delegated Regulation (EU) 813/2013

Product information is based on the average climate condition.

Model	Hydraulic unit	WSYG160DJ6	WGYG160DJ6	WSYK170DJ9	WGYK170DJ9	WSYK170DJ9	WGYK170DJ9							
	Outdoor unit	WOYG160LJL		WOYK150LJL		WOYK170LJL								
Air-to-water heat pump	Yes													
Water-to-water heat pump	No													
Brine-to-water heat pump	No													
Low-temperature heat pump	No													
Equipped with a supplementary heater	Yes													
Heat pump combination heater	No***	Yes	No***	Yes	No***	Yes	Yes							
Temperature application	°C	55	35	55	35	55	35	55	35	55	35	55	35	
Rated heat output (*)	P _{rated}	kW	14	16	14	16	16	17	16	17	17	18	17	18
Seasonal space heating energy efficiency	η _s	%	125	163	125	163	130	164	130	164	130	161	130	161
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T _j														
T _j = -7°C	P _{dh}	kW	12.0	14.2	12.0	14.2	14.2	15.4	14.2	15.4	15.0	16.0	15.0	16.0
T _j = +2°C	P _{dh}	kW	7.3	8.7	7.3	8.7	8.6	9.4	8.6	9.4	9.0	9.7	9.0	9.7
T _j = +7°C	P _{dh}	kW	6.3	7.0	6.3	7.0	6.4	6.7	6.4	6.7	6.3	6.8	6.3	6.8
T _j = +12°C	P _{dh}	kW	7.6	8.1	7.6	8.1	7.6	8.0	7.6	8.0	7.7	8.0	7.7	8.0
T _j = bivalent temperature	P _{dh}	kW	12.0	14.2	12.0	14.2	14.2	15.4	14.2	15.4	15.0	16.0	15.0	16.0
T _j = operation limit temperature	P _{dh}	kW	10.6	14.1	10.6	14.1	13.3	14.7	13.3	14.7	12.4	14.8	12.4	14.8
T _j = -15°C (if TOL < -20°C)	P _{dh}	kW	—	—	—	—	—	—	—	—	—	—	—	—
Bivalent temperature	T _{biv}	°C	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
Cycling interval capacity for heating	P _{cy}	kW	Not applicable											
Degradation co-efficient (**)	C _{dh}	—	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T _j														
T _j = -7°C	COP _d	—	1.98	2.79	1.98	2.79	2.12	2.90	2.12	2.90	2.10	2.82	2.10	2.82
T _j = +2°C	COP _d	—	3.15	4.17	3.15	4.17	3.30	4.19	3.30	4.19	3.32	4.13	3.32	4.13
T _j = +7°C	COP _d	—	4.30	5.34	4.30	5.34	4.21	5.13	4.21	5.13	4.23	5.01	4.23	5.01
T _j = +12°C	COP _d	—	5.99	6.76	5.99	6.76	6.02	6.83	6.02	6.83	5.95	6.64	5.95	6.64
T _j = bivalent temperature	COP _d	—	1.98	2.79	1.98	2.79	2.12	2.90	2.12	2.90	2.10	2.82	2.10	2.82
T _j = operation limit temperature	COP _d	—	1.75	2.54	1.75	2.54	1.88	2.62	1.88	2.62	1.76	2.61	1.76	2.61
T _j = -15°C (if TOL < -20°C)	COP _d	—	—	—	—	—	—	—	—	—	—	—	—	—
Operation limit temperature	TOL	°C	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
Cycling interval efficiency	COP _{cy}	—	Not applicable											
Heating water operating limit temperature	WTOL	°C	60	60	60	60	60	60	60	60	60	60	60	60
Power consumption in modes other than active mode														
Off mode	P _{off}	kW	0.019	0.019	0.019	0.019	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016
Thermostat-off mode	P _{to}	kW	0.046	0.100	0.046	0.100	0.043	0.096	0.043	0.096	0.046	0.097	0.046	0.097
Standby mode	P _{sb}	kW	0.023	0.023	0.023	0.023	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019
Crankcase heater mode	P _{ck}	kW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Supplementary heater														
Rated heat output (*)	P _{sup}	kW	3.0	2.0	3.0	2.0	2.7	2.7	2.7	2.7	4.1	3.1	4.1	3.1
Type of energy input	Electric													
Other items														
Capacity control	Variable													
Sound power level	Hydraulic unit	L _{WA}	dB	45	45	45	45	45	45	45	45	45	45	45
	Outdoor unit	L _{WA}	dB	67	66	67	66	67	66	67	66	67	68	67
Annual energy consumption	Q _{HE}	kWh	8757	8014	8757	8014	9915	8606	9915	8606	10232	9059	10232	9059
Emissions of nitrogen oxides	NO _x	mg/kWh	Not applicable											
Rated air flow rate	Outdoor unit	—	m ³ /h	6250	6250	6250	6250	6250	6250	6250	6250	6250	6250	6250
Declared load profile	— L — L — L — L — L — L — L — L													
Daily electricity consumption	Q _{elec}	kWh	—	—	4.600	4.600	—	—	4.600	4.600	—	—	4.600	4.600
Annual electricity consumption	AEC	kWh	—	—	941	941	—	—	941	941	—	—	941	941
Water heating energy efficiency	η _{wh}	%	—	—	109	109	—	—	109	109	—	—	109	109
Daily fuel consumption	Q _{fuel}	kWh	Not applicable											
Contact details	FUJITSU GENERAL (EURO) GmbH Fritz-Vomfelde-Straße 26-32, 40547 Düsseldorf, Germany													

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output P_{rated} is equal to the design load for heating P_{designh}, and the rated heat output of a supplementary heater P_{sup} is equal to the supplementary capacity for heating sup (T_j).

(**) If C_{dh} is not determined by measurement then the default degradation coefficient is C_{dh} = 0.9.

(***) Possible with using an optional component.