

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

Product information is based on the average climate condition.

Model	Hydraulic unit	WSEP100KR3	WGEP100KR3-19	UTW-SCBEC	WSEP100KR3	WGEP100KR3-19	UTW-SCBEC	WSEP100KR3	WGEP100KR3-19	UTW-SCBEC	WSEP100KR3	WGEP100KR3-19	UTW-SCBEC	WSEP100KR3	WGEP100KR3-19	UTW-SCBEC	WSEP100KR3	WGEP100KR3-19	UTW-SCBEC	
	Outdoor unit	WPEG050KRF			WPEG080KRF			WPEG100KRF			WPEG100KRF			WPEG100KRF			WPEG100KRF			
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		Yes		No		Yes		No		Yes		No		Yes		No		
Heat pump combination heater		No***		Yes		No***		No***		Yes		No***		No***		Yes		No***		
Temperature application	°C	55	35	55	35	55	35	55	35	55	35	55	35	55	35	55	35	55	35	
Rated heat output (*)	P <sub>rated</sub> kW	6	6	6	6	6	6	9	9	9	9	9	9	10	10	10	10	10	10	
Seasonal space heating energy efficiency	η <sub>s</sub> %	133	189	133	189	143	200	139	195	139	195	144	205	141	195	141	195	146	206	
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>																				
T <sub>j</sub> = -7°C	P <sub>dh</sub> kW	4.9	5.1	4.9	5.1	4.9	5.1	7.7	8.0	7.7	8.0	7.7	8.0	8.8	9.0	8.8	9.0	8.8	9.0	
T <sub>j</sub> = +2°C	P <sub>dh</sub> kW	3.0	3.1	3.0	3.1	3.0	3.1	4.7	4.8	4.7	4.8	4.7	4.8	5.3	5.5	5.3	5.5	5.3	5.5	
T <sub>j</sub> = +7°C	P <sub>dh</sub> kW	1.9	2.0	1.9	2.0	1.9	2.0	3.7	3.9	3.7	3.9	3.7	3.9	3.7	4.0	3.7	4.0	3.7	4.0	
T <sub>j</sub> = +12°C	P <sub>dh</sub> kW	2.4	2.5	2.4	2.5	2.4	2.5	4.4	4.5	4.4	4.5	4.4	4.5	4.4	4.5	4.4	4.5	4.4	4.5	
T <sub>j</sub> = bivalent temperature	P <sub>dh</sub> kW	4.9	5.1	4.9	5.1	4.9	5.1	7.7	8.0	7.7	8.0	7.7	8.0	8.8	9.0	8.8	9.0	8.8	9.0	
T <sub>j</sub> = operation limit temperature	P <sub>dh</sub> kW	4.7	5.0	4.7	5.0	4.7	5.0	7.4	7.9	7.4	7.9	7.4	7.9	8.0	9.0	8.0	9.0	8.0	9.0	
T <sub>j</sub> = -15°C (if TOL < -20°C)	P <sub>dh</sub> kW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bivalent temperature	T <sub>biv</sub> °C	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	
Cycling interval capacity for heating	P <sub>cych</sub> kW	Not applicable																		
Degradation co-efficient (**)	C <sub>dh</sub> —	0.94	0.92	0.94	0.92	0.96	0.95	0.97	0.96	0.97	0.96	0.98	0.97	0.96	0.96	0.96	0.96	0.96	0.98	
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>																				
T <sub>j</sub> = -7°C	COP <sub>d</sub> —	2.08	3.15	2.08	3.15	2.26	3.20	2.26	3.19	2.26	3.19	2.26	3.20	2.16	3.06	2.16	3.06	2.25	3.14	
T <sub>j</sub> = +2°C	COP <sub>d</sub> —	3.46	4.80	3.46	4.80	3.59	4.98	3.40	4.90	3.40	4.90	3.56	5.19	3.53	4.92	3.53	4.92	3.62	5.22	
T <sub>j</sub> = +7°C	COP <sub>d</sub> —	4.26	6.33	4.26	6.33	4.76	6.76	4.83	6.54	4.83	6.54	4.98	6.93	4.87	6.61	4.87	6.61	5.09	7.07	
T <sub>j</sub> = +12°C	COP <sub>d</sub> —	6.23	8.19	6.23	8.19	6.72	8.78	6.45	8.45	6.45	8.45	6.86	8.77	6.74	8.30	6.74	8.30	6.93	8.89	
T <sub>j</sub> = bivalent temperature	COP <sub>d</sub> —	2.08	3.15	2.08	3.15	2.26	3.20	2.26	3.19	2.26	3.19	2.26	3.20	2.16	3.06	2.16	3.06	2.25	3.14	
T <sub>j</sub> = operation limit temperature	COP <sub>d</sub> —	1.84	2.74	1.84	2.74	2.00	2.84	2.01	2.79	2.01	2.79	2.01	2.90	1.94	2.71	1.94	2.71	2.01	2.81	
T <sub>j</sub> = -15°C (if TOL < -20°C)	COP <sub>d</sub> —	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Operation limit temperature	TOL °C	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	
Cycling interval efficiency	COP <sub>cyc</sub> —	Not applicable																		
Heating water operating limit temperature	WTOL °C	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
Power consumption in modes other than active mode																				
Off mode	P <sub>OFF</sub> kW	0.013	0.013	0.013	0.013	0.005	0.005	0.013	0.013	0.013	0.013	0.008	0.008	0.013	0.013	0.013	0.013	0.008	0.008	
Thermostat-off mode	P <sub>TO</sub> kW	0.023	0.023	0.023	0.023	0.013	0.013	0.023	0.023	0.023	0.023	0.016	0.017	0.023	0.023	0.023	0.023	0.016	0.017	
Standby mode	P <sub>SB</sub> kW	0.013	0.013	0.013	0.013	0.009	0.009	0.013	0.013	0.013	0.013	0.012	0.012	0.013	0.013	0.013	0.013	0.012	0.012	
Crankcase heater mode	P <sub>CK</sub> 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	0.000	0.000	0.000	0.000	0.000	0.000	
Supplementary heater																				
Rated heat output (*)	P <sub>sup</sub> kW	0.8	0.8	0.8	0.8	0.8	0.8	1.3	1.1	1.3	1.1	1.3	1.1	1.9	1.2	1.9	1.2	1.9	1.2	
Type of energy input		Electric																		
Other items																				
Capacity control		Variable																		
Sound power level	Hydraulic unit	L <sub>WA</sub> dB	40	-	40	-	-	-	40	-	40	-	-	-	40	-	40	-	-	
	Outdoor unit	L <sub>WA</sub> dB	52	-	52	-	52	-	56	-	56	-	56	-	57	-	57	-	57	
Annual energy consumption	Q <sub>HE</sub> kWh	3355	2503	3355	2503	3110	2364	5078	3764	5078	3764	4880	3571	5685	4269	5685	4269	5480	4018	
Emissions of nitrogen oxides	NO <sub>x</sub> mg/kWh	Not applicable																		
Rated air flow rate	Outdoor unit	—	3060			3060			3590			3590			3590			3590		
Declared load profile		-	-	L	L	-	-	-	-	L	L	-	-	-	-	L	L	-	-	
Daily electricity consumption	Q <sub>elec</sub> kWh	-	-	3.760	3.760	-	-	-	-	3.760	3.760	-	-	-	-	3.760	3.760	-	-	
Annual electricity consumption	AEC kWh	-	-	827	827	-	-	-	-	827	827	-	-	-	-	827	827	-	-	
Water heating energy efficiency	η <sub>wh</sub> %	-	-	124	124	-	-	-	-	124	124	-	-	-	-	124	124	-	-	
Daily fuel consumption	Q <sub>fuel</sub> 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<sub>rated</sub> is equal to the design load for heating P<sub>design,h</sub>, and the rated heat output of a supplementary heater P<sub>sup</sub> is equal to the supplementary capacity for heating sup (T<sub>j</sub>).

(\*\*) If C<sub>dh</sub> is not determined by measurement then the default degradation coefficient is C<sub>dh</sub> = 0.9.

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