

Versati III Air to Water Monoblock Heat Pump – Technical Specifications

Model		GRS-CQ8.0Pd/NhG-K		GRS-CQ10Pd/NhG-K		GRS-CQ10Pd/NhG-M		GRS-CQ12Pd/NhG-M		GRS-CQ14Pd/NhG-M		GRS-CQ16Pd/NhG-M	
		Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity ¹ (floor heating)	kW	6.80	7.50	8.80	10.00	8.80	10.00	11.00	12.00	12.50	14.00	14.50	16.00
Power Input ¹ (floor heating)	kW	1.55	1.63	2.00	2.15	1.96	2.15	2.56	2.64	3.05	3.22	3.82	4.00
EER ¹ – COP ¹ (floor heating)	W/W	4.40	4.60	4.50	4.65	4.50	4.65	4.20	4.50	4.20	4.50	4.00	4.35
Capacity ² (FCU)	kW	5.00	7.50	7.80	10.00	7.80	10.00	9.50	12.00	12.00	14.00	13.00	16.00
Power Input ² (FCU)	kW	1.56	2.00	2.67	2.48	2.67	2.48	3.11	3.48	4.14	4.18	4.73	4.71
EER ² – COP ² (FCU)	W/W	3.20	3.75	3.15	3.75	3.15	3.75	3.00	3.50	3.05	3.60	2.90	3.55
Operation Temp. Range	°C	10~48	-25~35	10~48	-25~35	10~48	-25~35	10~48	-25~35	10~48	-25~35	10~48	-25~35
Water Temperature	°C	7~18	35~45	7~18	35~45	7~18	35~45	7~18	35~45	7~18	35~45	7~18	35~45
Sound Pressure Level	dB(A)	56	58	59	61	59	61	59	61	59	61	59	61
Operating Current (max)	A	16		25		16		16		16		16	
Power Supply	V-Ph-Hz	230V ~ 1N – 50 Hz		230V ~ 1N – 50 Hz		380V ~ 3N – 50 Hz		380V ~ 3N – 50 Hz		380V ~ 3N – 50 Hz		380V ~ 3N – 50 Hz	
Sanitary Water Temperature	°C	40~80		40~80		40~80		40~80		40~80		40~80	
Compressor Type		2stage Inverter Rotary		2stage Inverter Rotary		2stage Inverter Rotary		2stage Inverter Rotary		2stage Inverter Rotary		2stage Inverter Rotary	
EXV Type		Electronic expansion valve		Electronic expansion valve		Electronic expansion valve		Electronic expansion valve		Electronic expansion valve		Electronic expansion valve	
Water Pump		Willo Inverter		Willo Inverter		Willo Inverter		Willo Inverter		Willo Inverter		Willo Inverter	
Water Pipes	inch	1" Male		1" Male		1" Male		1" Male		1" Male		1" Male	
Refrigerant Charge		R32 – 1,2kg		R32 – 2,80kg		R32 – 2,80kg		R32 – 2,80kg		R32 – 2,80kg		R32 – 2,80kg	
Unit Dimensions WxHxD/ Weight	mm/kg	1150/756/390-96Kg		1200/878/460-151Kg		1200/878/460-147Kg		1200/878/460-151Kg		1200/878/460-151Kg		1200/878/460-151Kg	

Notes: Capacities and power inputs are based on the following conditions:

1. Heating: Water Out 35°C, ΔT= 5°C, Outdoor Temperature 7°C DB/6°C WB
Cooling: Water Out 18°C, ΔT= 5°C, Outdoor Temperature 35°C DB/24°C WB

2. Heating: Water Out 45°C, ΔT= 5°C, Outdoor Temperature 7°C DB/6°C WB
Cooling: Water Out 7°C, ΔT= 5°C, Outdoor Temperature 35°C DB/24°C WB