



Air-to-water Heat Pump

Model no. AQUA	—	TRS-CQ6.0Pd/NhH-E(I), TRS-CQ6.0Pd/NhH-E(O)	TRS-CQ8.0Pd/NhH-E(I), TRS-CQ8.0Pd/NhH-E(O)	TRS-CQ10Pd/NhH-E(I), TRS-CQ10Pd/NhH-E(O)	TRS-CQ12Pd/NhH-M(I), TRS-CQ12Pd/NhH-M(O)	TRS-CQ16Pd/NhH-M(I), TRS-CQ16Pd/NhH-M(O)
Heating Capacity(Floor Heating)	kW	6,00	8,00	9,50	12	15,5
Cooling Capacity(Floor Cooling)	kW	5,80	7,00	8,50	11	13
Heating Power Input(Floor Heating)	kW	1,20	1,70	2,07	2,40	3,44
Cooling Power Input(Floor Cooling)	kW	1,32	1,75	2,24	2,50	3,60
Heating Rated Power Input	kW	2,30	4,32	5,06	6,37	7,97
Cooling Rated Power Input	kW	1,61	3,00	3,40	4,85	5,88
Heating Rated Current	A	10,00	19,00	22,00	9,2	11,5
Cooling Rated Current	A	7,00	13,00	15,00	7,0	8,5
COP(Floor Heating)	W/W	5,00	4,71	4,59	5,00	4,51
EER(Floor Cooling)	W/W	4,40	4,00	3,79	4,40	3,61
Daily electricity consumption	kWh	7,53	7,60	7,60	7,39	7,39
Annual electricity consumption	kWh	1559,00	1510,00	1510,00	1542,00	1542,00
Sanitary Water Set Temperature Range	°C	40~80	40~80	40~80	40~80	40~80
OUTDOOR UNIT						
Rated Voltage	V	230	230	230	400	400
Phases	—	1	1	1	3	3
Cross-sectional Area of Power Cable Conductor	mm ²	1,50	4,00	4,00	2,50	2,50
Compressor Trademark	—	GREE				
Sound Pressure Level(Heating)	dB(A)	55	57	57	57	58
Sound Pressure Level(Cooling)	dB(A)	55	57	57	57	58
Safety Protection	—	High-low pressure protection, discharge temp. protection, motor overload protection, anti-freeze, water flow protection , compressor overload protection				
Defrosting Method	--	Automatic Defrosting				
Refrigerant	—	R32	R32	R32	R32	R32
Refrigerant Charge	kg	1.0	1.6	1.6	1.84	1.84
Cooling Operating Range Outdoor Temperature(DB)	°C	10~48	10~48	10~48	10~48	10~48
Heating Operating Range Outdoor Temperature(DB)	°C	-25~35	-25~35	-25~35	-25~35	-25~35
Water Heating Operating Range Outdoor Temperature(DB)	°C	-25~45	-25~45	-25~45	-25~45	-25~45

Connection Pipe Length	m	5	5	5	5	5
Connection Pipe Gas Additional Charge	g/m	16	16	16	0	0
Connection Pipe Max. Height Distance(indoor and outdoor and indoor up)	m	15	15	15	15	15
Connection Pipe Max. Height Distance(indoor and outdoor and outdoor up)	m	15	15	15	15	15
Max Distance Length	m	20	25	25	15	15
Outdoor Unit Dimension (W)	mm	975	982	982	940	940
Outdoor Unit Dimension (H)	mm	702	787	787	820	820
Outdoor Unit Dimension (D)	mm	396	427	427	460	460
Outdoor Unit Net Weight	kg	55	82	82	110	110
Outdoor Unit Gross Weight	kg	63	92	92	121	121

INDOOR UNIT

Rated Voltage	V	230	230	230	400	400
Rated Frequency	Hz	50	50	50	50	50
Phases	—	1	1	1	3	3
Cross-sectional Area of Power Cable Conductor	mm ²	6,00	6,00	6,00	4,00	4,00
Power Input	kW	3,1	6,1	6,1	6,1	6,1
Sound Pressure Level(Heating)	dB(A)	29	29	29	29	29
Sound Pressure Level(Cooling)	dB(A)	29	29	29	29	29
Indoor Unit Dimension (W)	mm	860	860	860	860	860
Indoor Unit Dimension (H)	mm	318	318	318	318	318
Indoor Unit Dimension (D)	mm	460	460	460	460	460
Indoor Unit Net Weight	kg	62	62	62	60	60
Indoor Unit Gross Weight	kg	71	71	71	69	69

******* Y E S *******

Cooling, Heating, Water Heating , Cooling + Water Heating, Heating + Water Heating

Emergency Mode, Water Quick Heating, Holiday Mode, Quiet Mode, Forced Mode

Ambient Reliant Mode, Sterilizing Mode, Gate Control, Compressor High Pressure Protection, Compressor Low Pressure Protection

Overload Protection, Flow Switch Error Protection, Superheating Protection, High Temperature Protection, Communication Error Protection,

Extremity Control Function, Automatic Anti-freezing In winter, Memory, Temperature Sensor Protection