

POOL CHILLER HEAT PUMP SPECIFICATIONS

Titanium Heat Exchanger / Rheem IQ Control	RTCH006TA-JQH-1
Titanium Heat Exchanger / Rheem IQ Control (Low Temp)	RTCH006TA-JQHL-1

ELECTRICAL INPUT

Voltage/Phase	220 - 240 Volts / 1 Phase / 50 Hz
Full Load / Locked Rotor (Amps Per Phase)	10.6 FLA / 38 LRA
Min. Circuit Size	15 Amps
Refrigerant	R410a
Nominal Cooling Capacity	6.01 kW
Power Input	1.62 kW
COP	3.70 COP
Noise Level	51 dBA @ 3 m
Rated Load Amps @ 8°C SST / 45°C SCT	7.6 Amps

TECHNICAL DATA

	Compressor	Fan
Make	Highly	EBM-Papst
Type	Rotary 20112	Axial
Number Per Unit	1	1
FLA (Full Load Amps, each)	9.9 Amps	0.64 Amps
Voltage / Phase	220 - 240 / 1	220 - 240 / 1
Pole/RPM	2/2,900	6/890
Air Flow	N/A	800 L/s

HEAT EXCHANGER (Water Side)

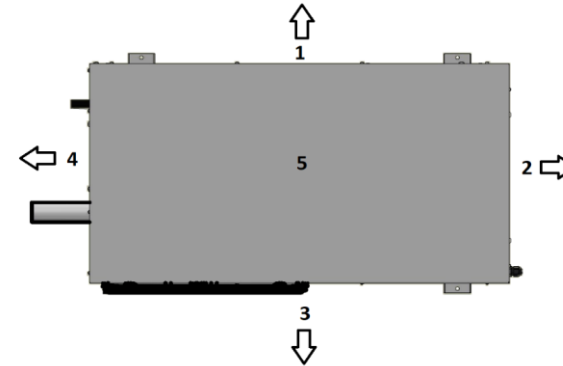
Water In Temperature Range	Low	Standard
Type of Water Tube	Titanium Tube / PVC Shell	
Design	Shell and Tube	
Flow Rate Excl. By Pass	2.80 L/s	1.67 L/s
Design Temperature Difference	0.51 °C	0.86 °C
Min. Outlet Water Temp	7 °C	
Design Pressure Drop	15 kPa	
Max. Operating Pressure	300 kPa	

GENERAL INFORMATION

Water Connections	40mm PVC
Drain	20mm PVC
Cabinet Construction	1.2mm Stucco Aluminium
Approx. Shipping Weight (Standard/Low Temp)	80/90 kg
Size L x W x H	1007 mm x 590 mm x 717 mm

COP TABLE

	Water In °C	Ambient Temperature °C								
		10 °C	15 °C	20 °C	25 °C	27 °C	30 °C	35 °C	40 °C	45 °C
Standard Temp	30 °C	7.21 kW 5.80 COP	6.99 kW 5.22 COP	6.78 kW 4.69 COP	6.55 kW 4.21 COP	6.44 kW 3.98 COP	6.32 kW 3.77 COP	6.07 kW 3.38 COP	5.81 kW 3.03 COP	5.54 kW 2.70 COP
	27 °C	6.74 kW 5.32 COP	6.54 kW 4.81 COP	6.33 kW 4.33 COP	6.12 kW 3.90 COP	6.01 kW 3.70 COP	5.90 kW 3.51 COP	5.67 kW 3.16 COP	5.42 kW 2.83 COP	5.17 kW 2.53 COP
	25 °C	6.09 kW 4.70 COP	5.90 kW 4.27 COP	5.71 kW 3.87 COP	5.52 kW 3.50 COP	5.42 kW 3.33 COP	5.32 kW 3.16 COP	5.11 kW 2.85 COP	4.88 kW 2.57 COP	4.65 kW 2.31 COP
	20 °C	5.68 kW 4.34 COP	5.51 kW 3.95 COP	5.33 kW 3.59 COP	5.14 kW 3.26 COP	5.05 kW 3.10 COP	4.95 kW 2.95 COP	4.76 kW 2.67 COP	4.55 kW 2.41 COP	4.33 kW 2.17 COP
Low Temp	15 °C	5.11 kW 3.87 COP	4.95 kW 3.53 COP	4.79 kW 3.22 COP	4.62 kW 2.93 COP	4.53 kW 2.80 COP	4.44 kW 2.67 COP	4.27 kW 2.42 COP	4.08 kW 2.19 COP	3.88 kW 1.98 COP
	10 °C	4.41 kW 3.32 COP	4.26 kW 3.04 COP	4.12 kW 2.79 COP	3.97 kW 2.55 COP	3.89 kW 2.43 COP	3.82 kW 2.32 COP	3.66 kW 2.12 COP	3.50 kW 1.92 COP	3.32 kW 1.74 COP



UNIT CLEARANCES

Direction	Description	Minimum Clearance Required
1	Evaporator Coil	350 mm
2	Compressor Access	850 mm
3	Side Fan Discharge	2500 mm
4	Water Connections	500 mm
5	Height Clearance	300 mm

When units are placed side by side, allow at least 700mm between evaporator coils.

Rating Conditions: 27°C ambient, 60% RH, 27°C Water in

POOL CHILLER HEAT PUMP SPECIFICATIONS

Titanium Heat Exchanger / Rheem IQ Control	RTCH007TA-JQH-1
Titanium Heat Exchanger / Rheem IQ Control (Low Temp)	RTCH007TA-JQHL-1

ELECTRICAL INPUT

Voltage/Phase	220 - 240 Volts / 1 Phase / 50 Hz
Full Load / Locked Rotor (Amps Per Phase)	15.2 FLA / 61 LRA
Min. Circuit Size	20 Amps
Refrigerant	R410a
Nominal Cooling Capacity	7.32 kW
Power Input	2.07 kW
COP	3.54 COP
Noise Level	51 dBA @ 3 m
Rated Load Amps @ 8°C SST / 45°C SCT	10.2 Amps

TECHNICAL DATA

	Compressor	Fan
Make	Highly	EBM-Papst
Type	Rotary 20113	Axial
Number Per Unit	1	1
FLA (Full Load Amps, each)	14.5 Amps	0.64 Amps
Voltage / Phase	220 - 240 / 1	220 - 240 / 1
Pole/RPM	2/2,900	6/890
Air Flow	N/A	800 L/s

HEAT EXCHANGER (Water Side)

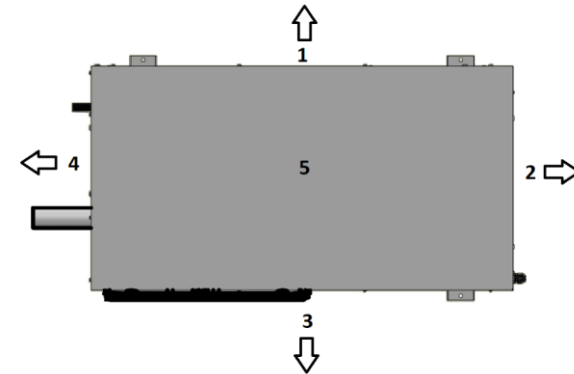
Water In Temperature Range	Low	Standard
Type of Water Tube	Titanium Tube / PVC Shell	
Design	Shell and Tube	
Flow Rate Excl. By Pass	2.80 L/s	1.67 L/s
Design Temperature Difference	0.62 °C	1.05 °C
Min. Outlet Water Temp	7 °C	
Design Pressure Drop	25 kPa	
Max. Operating Pressure	300 kPa	

GENERAL INFORMATION

Water Connections	40mm PVC
Drain	20mm PVC
Cabinet Construction	1.2mm Stucco Aluminium
Approx. Shipping Weight (Standard/Low Temp)	85/95 kg
Size L x W x H	1007 mm x 590 mm x 717 mm

COP TABLE

	Water In °C	Ambient Temperature °C								
		10 °C	15 °C	20 °C	25 °C	27 °C	30 °C	35 °C	40 °C	45 °C
Standard Temp	30 °C	10.05 kW 6.52 COP	9.51 kW 5.64 COP	8.92 kW 4.86 COP	8.28 kW 4.17 COP	7.95 kW 3.85 COP	7.60 kW 3.55 COP	6.86 kW 2.99 COP	6.06 kW 2.47 COP	5.22 kW 1.99 COP
	27 °C	9.34 kW 5.94 COP	8.82 kW 5.15 COP	8.26 kW 4.45 COP	7.65 kW 3.83 COP	7.32 kW 3.54 COP	6.99 kW 3.26 COP	6.28 kW 2.74 COP	5.51 kW 2.26 COP	4.70 kW 1.81 COP
	25 °C	8.37 kW 5.20 COP	7.89 kW 4.53 COP	7.36 kW 3.93 COP	6.78 kW 3.39 COP	6.48 kW 3.13 COP	6.16 kW 2.88 COP	5.49 kW 2.41 COP	4.78 kW 1.97 COP	4.01 kW 1.56 COP
	20 °C	7.79 kW 4.78 COP	7.32 kW 4.18 COP	6.81 kW 3.63 COP	6.26 kW 3.13 COP	5.97 kW 2.89 COP	5.66 kW 2.66 COP	5.02 kW 2.22 COP	4.33 kW 1.80 COP	3.58 kW 1.41 COP
Low Temp	15 °C	6.98 kW 4.23 COP	6.54 kW 3.71 COP	6.06 kW 3.23 COP	5.53 kW 2.78 COP	5.25 kW 2.56 COP	4.97 kW 2.35 COP	4.36 kW 1.95 COP	3.70 kW 1.57 COP	3.00 kW 1.20 COP
	10 °C	5.99 kW 3.61 COP	5.58 kW 3.17 COP	5.12 kW 2.75 COP	4.63 kW 2.35 COP	4.37 kW 2.16 COP	4.10 kW 1.98 COP	3.53 kW 1.61 COP	2.92 kW 1.27 COP	2.26 kW 0.93 COP



UNIT CLEARANCES

Direction	Description	Minimum Clearance Required
1	Evaporator Coil	350 mm
2	Compressor Access	850 mm
3	Side Fan Discharge	2500 mm
4	Water Connections	500 mm
5	Height Clearance	300 mm

When units are placed side by side, allow at least 700mm between evaporator coils.

Rating Conditions: 27°C ambient, 60% RH, 27°C Water in

POOL CHILLER HEAT PUMP SPECIFICATIONS

Titanium Heat Exchanger / Rheem IQ Control	RTCH012TAJQH-1
Titanium Heat Exchanger / Rheem IQ Control (Low Temp)	RTCH012TA-JQHL-1

ELECTRICAL INPUT

Voltage/Phase	220 - 240 Volts / 1 Phase / 50 Hz
Full Load / Locked Rotor (Amps Per Phase)	22.1 FLA / 80 LRA
Min. Circuit Size	32 Amps
Refrigerant	R410a
Nominal Cooling Capacity	12.11 kW
Power Input	3.14 kW
COP	3.85 COP
Noise Level	51 dBA @ 3 m
Rated Load Amps @ 8°C SST / 45°C SCT	14.7 Amps

TECHNICAL DATA

	Compressor	Fan
Make	Highly	EBM-Papst
Type	Rotary 20114	Axial
Number Per Unit	1	1
FLA (Full Load Amps, each)	20.9 Amps	1.18 Amps
Voltage / Phase	220 - 240 / 1	220 - 240 / 1
Pole/RPM	2/2,900	6/890
Air Flow	N/A	1150 L/s

HEAT EXCHANGER (Water Side)

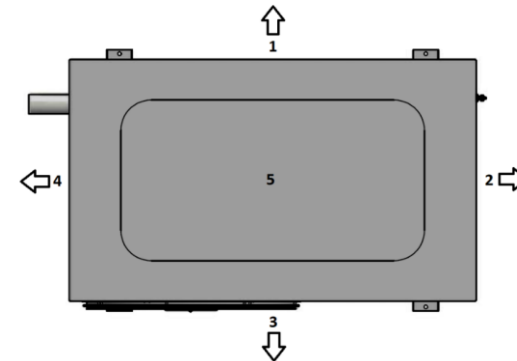
	Low	Standard
Water In Temperature Range	Low	Standard
Type of Water Tube	Titanium Tube / PVC Shell	
Design	Shell and Tube	
Flow Rate Excl. By Pass	3.50 L/s	2.80 L/s
Design Temperature Difference	0.83 °C	1.03 °C
Min. Outlet Water Temp	7 °C	
Design Pressure Drop	20 kPa	
Max. Operating Pressure	300 kPa	

GENERAL INFORMATION

Water Connections	40mm PVC
Drain	20mm PVC
Cabinet Construction	1.2mm Stucco Aluminium
Approx. Shipping Weight (Standard/Low Temp)	90/100 kg
Size L x W x H	1007 mm x 650 mm x 1061 mm

COP TABLE

	Water In °C	Ambient Temperature °C								
		10 °C	15 °C	20 °C	25 °C	27 °C	30 °C	35 °C	40 °C	45 °C
Standard Temp	30 °C	15.17 kW 6.44 COP	14.60 kW 5.67 COP	13.99 kW 5.00 COP	13.36 kW 4.43 COP	13.04 kW 4.16 COP	12.71 kW 3.91 COP	12.04 kW 3.46 COP	11.35 kW 3.05 COP	10.64 kW 2.68 COP
	27 °C	14.12 kW 5.88 COP	13.58 kW 5.20 COP	13.01 kW 4.61 COP	12.42 kW 4.09 COP	12.11 kW 3.85 COP	11.80 kW 3.63 COP	11.17 kW 3.22 COP	10.53 kW 2.84 COP	9.87 kW 2.50 COP
	25 °C	12.70 kW 5.16 COP	12.20 kW 4.60 COP	11.68 kW 4.10 COP	11.14 kW 3.66 COP	10.86 kW 3.45 COP	10.58 kW 3.26 COP	10.00 kW 2.90 COP	9.42 kW 2.57 COP	8.82 kW 2.27 COP
	20 °C	11.84 kW 4.76 COP	11.36 kW 4.26 COP	10.87 kW 3.81 COP	10.36 kW 3.40 COP	10.10 kW 3.22 COP	9.83 kW 3.04 COP	9.29 kW 2.71 COP	8.74 kW 2.40 COP	8.18 kW 2.13 COP
Low Temp	15 °C	10.65 kW 4.23 COP	10.20 kW 3.80 COP	9.75 kW 3.41 COP	9.27 kW 3.06 COP	9.03 kW 2.90 COP	8.79 kW 2.74 COP	8.30 kW 2.45 COP	7.80 kW 2.18 COP	7.29 kW 1.93 COP
	10 °C	9.19 kW 3.62 COP	8.78 kW 3.27 COP	8.36 kW 2.95 COP	7.93 kW 2.65 COP	7.71 kW 2.51 COP	7.50 kW 2.38 COP	7.05 kW 2.13 COP	6.61 kW 1.89 COP	6.16 kW 1.68 COP



UNIT CLEARANCES

Direction	Description	Minimum Clearance Required
1	Evaporator Coil	350 mm
2	Compressor Access	850 mm
3	Side - Fan Discharge	2500 mm
4	Water Connections	500 mm
5	Top - Height Clearance	350 mm

When units are placed side by side, allow at least 700mm between evaporator coils.

Rating Conditions: 27°C ambient, 60% RH, 27°C Water in

POOL CHILLER HEAT PUMP SPECIFICATIONS

Titanium Heat Exchanger / Rheem IQ Control	RTCH015TA-JQH-1
Titanium Heat Exchanger / Rheem IQ Control (Low Temp)	RTCH015TA-JQHL-1

ELECTRICAL INPUT

Voltage/Phase	220 - 240 Volts / 1 Phase / 50 Hz
Full Load / Locked Rotor (Amps Per Phase)	28.1 FLA / 107 LRA
Min. Circuit Size	40 Amps
Refrigerant	R410a
Nominal Cooling Capacity	14.63 kW
Power Input	4.10 kW
COP	3.56 COP
Noise Level	51 dBA @ 3 m
Rated Load Amps @ 8°C SST / 45°C SCT	19.1 Amps

TECHNICAL DATA

	Compressor	Fan
Make	Highly	EBM-Papst
Type	Rotary 20117	Axial
Number Per Unit	1	1
FLA (Full Load Amps, each)	26.9 Amps	1.18 Amps
Voltage / Phase	220 - 240 / 1	220 - 240 / 1
Pole/RPM	2/2,900	6/890
Air Flow	N/A	1150 L/s

HEAT EXCHANGER (Water Side)

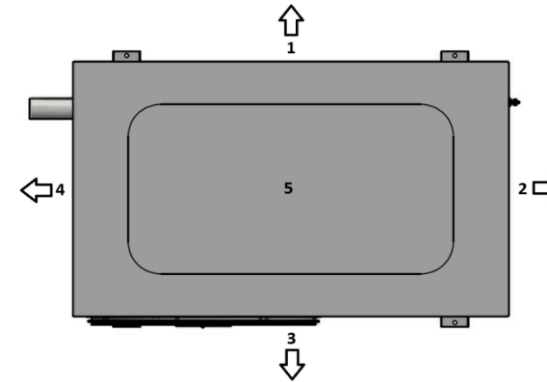
	Low	Standard
Water In Temperature Range	Low	Standard
Type of Water Tube	Titanium Tube / PVC Shell	
Design	Shell and Tube	
Flow Rate Excl. By Pass	3.50 L/s	2.80 L/s
Design Temperature Difference	1.00 °C	1.25 °C
Min. Outlet Water Temp	7 °C	
Design Pressure Drop	20 kPa	
Max. Operating Pressure	300 kPa	

GENERAL INFORMATION

Water Connections	40mm PVC
Drain	20mm PVC
Cabinet Construction	1.2mm Stucco Aluminium
Approx. Shipping Weight (Standard/Low Temp)	100/110 kg
Size L x W x H	1007 mm x 650 mm x 1061 mm

COP TABLE

	Water In °C	Ambient Temperature °C								
		10 °C	15 °C	20 °C	25 °C	27 °C	30 °C	35 °C	40 °C	45 °C
Standard Temp	30 °C	17.48 kW 5.62 COP	16.95 kW 4.96 COP	16.42 kW 4.42 COP	15.89 kW 3.98 COP	15.63 kW 3.78 COP	15.36 kW 3.60 COP	14.82 kW 3.27 COP	14.28 kW 2.97 COP	13.71 kW 2.69 COP
	27 °C	16.38 kW 5.25 COP	15.87 kW 4.64 COP	15.37 kW 4.15 COP	14.87 kW 3.75 COP	14.63 kW 3.56 COP	14.37 kW 3.39 COP	13.87 kW 3.08 COP	13.35 kW 2.80 COP	12.81 kW 2.55 COP
	25 °C	14.83 kW 4.74 COP	14.36 kW 4.21 COP	13.90 kW 3.78 COP	13.44 kW 3.42 COP	13.21 kW 3.26 COP	12.98 kW 3.11 COP	12.52 kW 2.83 COP	12.04 kW 2.58 COP	11.55 kW 2.34 COP
Low Temp	20 °C	13.86 kW 4.43 COP	13.42 kW 3.95 COP	12.98 kW 3.56 COP	12.55 kW 3.22 COP	12.33 kW 3.07 COP	12.11 kW 2.93 COP	11.67 kW 2.67 COP	11.22 kW 2.43 COP	10.76 kW 2.21 COP
	15 °C	12.51 kW 4.01 COP	12.09 kW 3.59 COP	11.69 kW 3.24 COP	11.29 kW 2.94 COP	11.09 kW 2.80 COP	10.89 kW 2.68 COP	10.48 kW 2.44 COP	10.07 kW 2.23 COP	9.64 kW 2.03 COP
	10 °C	10.88 kW 3.52 COP	10.50 kW 3.16 COP	10.14 kW 2.86 COP	9.78 kW 2.60 COP	9.60 kW 2.48 COP	9.41 kW 2.37 COP	9.05 kW 2.17 COP	8.67 kW 1.98 COP	8.29 kW 1.80 COP



UNIT CLEARANCES

Direction	Description	Minimum Clearance Required
1	Evaporator Coil	350 mm
2	Compressor Access	850 mm
3	Side - Fan Discharge	2500 mm
4	Water Connections	500 mm
5	Top - Height Clearance	350 mm

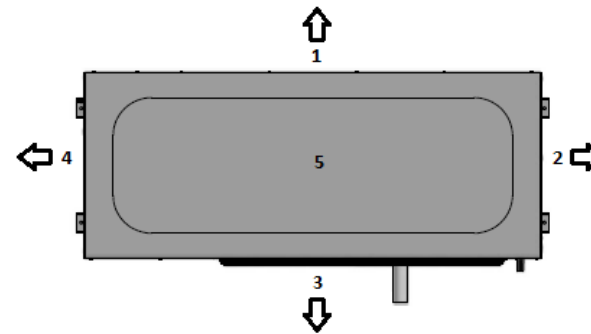
When units are placed side by side, allow at least 700mm between evaporator coils.

Rating Conditions: 27°C ambient, 60% RH, 27°C Water in

POOL CHILLER HEAT PUMP SPECIFICATIONS		
Titanium Heat Exchanger / Rheem IQ Control		RTCH022TK-DQH-1
Titanium Heat Exchanger / Rheem IQ Control (Low Temp)		RTCH022TK-DQHL-1
ELECTRICAL INPUT		
Voltage/Phase	380 - 415 Volts / 3 Phase / 50 Hz	
Full Load / Locked Rotor (Amps Per Phase)	14.9 FLA / 101 LRA	
Min. Circuit Size	25 Amps	
Refrigerant	R407C	
Nominal Cooling Capacity	21.88 kW	
Power Input	4.98 kW	
COP	4.39 COP	
Noise Level	51 dBa @ 3 m	
Rated Load Amps @ 8°C SST / 45°C SCT	10.4 Amps	
TECHNICAL DATA		
	Compressor	Fan
Make	Copeland	EBM-Papst
Type	Scroll 20014	Axial
Number Per Unit	1	2
FLA (Full Load Amps, each)	13.7 Amps	0.64 Amps
Voltage / Phase	380 - 415 / 3	220 - 240 / 1
Pole/RPM	2/2,900	6/890
Air Flow	N/A	1600 L/s
HEAT EXCHANGER (Water Side)		
Water In Temperature Range	Low	Standard
Type of Water Tube	Titanium Tube / PVC Shell	
Design	Shell and Tube	
Flow Rate Excl. By Pass	5.60 L/s	2.80 L/s
Design Temperature Difference	0.93 °C	1.86 °C
Min. Outlet Water Temp	7 °C	
Design Pressure Drop	25 kPa	
Max. Operating Pressure	300 kPa	
GENERAL INFORMATION		
Water Connections	80mm PVC	40mm PVC
Drain	20mm PVC	
Cabinet Construction	1.2mm Stucco Aluminium	
Approx. Shipping Weight	160 kg	
Size L x W x H	1536 mm x 639 mm x 957 mm	

COP TABLE

	Water In °C	Ambient Temperature °C								
		10 °C	15 °C	20 °C	25 °C	27 °C	30 °C	35 °C	40 °C	45 °C
Standard Temp	30 °C	26.43 kW 6.82 COP	25.70 kW 6.17 COP	24.91 kW 5.56 COP	24.05 kW 4.99 COP	23.60 kW 4.71 COP	23.14 kW 4.45 COP	22.18 kW 3.95 COP	21.17 kW 3.49 COP	20.13 kW 3.07 COP
	27 °C	24.55 kW 6.40 COP	23.87 kW 5.78 COP	23.11 kW 5.20 COP	22.30 kW 4.65 COP	21.88 kW 4.39 COP	21.44 kW 4.14 COP	20.53 kW 3.67 COP	19.58 kW 3.24 COP	18.59 kW 2.84 COP
	25 °C	21.94 kW 5.78 COP	21.31 kW 5.21 COP	20.61 kW 4.68 COP	19.87 kW 4.17 COP	19.48 kW 3.94 COP	19.07 kW 3.71 COP	18.24 kW 3.28 COP	17.36 kW 2.88 COP	16.46 kW 2.52 COP
	20 °C	20.33 kW 5.39 COP	19.73 kW 4.85 COP	19.07 kW 4.35 COP	18.36 kW 3.87 COP	17.99 kW 3.65 COP	17.61 kW 3.43 COP	16.82 kW 3.03 COP	16.00 kW 2.66 COP	15.14 kW 2.32 COP
Low Temp	15 °C	18.08 kW 4.83 COP	17.53 kW 4.34 COP	16.92 kW 3.88 COP	16.27 kW 3.45 COP	15.93 kW 3.24 COP	15.58 kW 3.05 COP	14.85 kW 2.68 COP	14.09 kW 2.34 COP	13.32 kW 2.04 COP
	10 °C	15.38 kW 4.14 COP	14.88 kW 3.71 COP	14.33 kW 3.30 COP	13.75 kW 2.92 COP	13.44 kW 2.75 COP	13.13 kW 2.57 COP	12.48 kW 2.25 COP	11.81 kW 1.96 COP	11.12 kW 1.70 COP



UNIT CLEARANCES		
Direction	Description	Minimum Clearance Required
1	Evaporator Coil	350 mm
2	Evaporator Coil	350 mm
3	Water Connections / Fan Discharge	2500 mm
4	Compressor Access	850 mm
5	Top - Height Clearance	350 mm

When units are placed side by side, allow at least 700mm between evaporator coils.

Rating Conditions: 27°C ambient, 60% RH, 27°C Water in

CHILLER HEAT PUMP SPECIFICATIONS

Titanium heat exchanger / Rheem IQ control

RTCH030KT-DQH-1

ELECTRICAL INPUT

Voltage/Phase	380 - 415 Volts / 3 Phase / 50 Hz
Rated Load Amps @ 8°C SST / 45°C SCT	14.4 Amps
Full Load / Locked Rotor (Amps Per Phase)	18.96 FLA / 101 LRA
Min. Circuit Size	25 Amps
Refrigerant	R407c
Nominal cooling capacity	29.95 kW
Power input	6.67 kW
COP	4.49 COP
Noise Level	69 dBa @ 3 m

TECHNICAL DATA

	Compressor	Fan
Make	Copeland	EBM-Papst
Type	Scroll 20016	Axial
Number Per Unit	1	2
FLA (Full Load Amps)	16.6 Amps	1.18 Amps (Each)
Voltage / Phase	380 - 415 / 3	220 - 240 / 1
Pole/RPM	2/2,900	6/890
Air Flow	N/A	2300 L/s

HEAT EXCHANGER (Water Side)

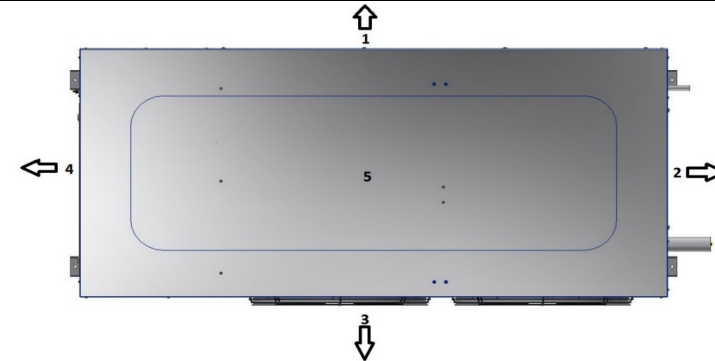
Type of Water Tube	Titanium tube / PVC Shell
Design	Shell and Tube
Flow Rate Excl. By Pass	3.50 L/s
Min. Outlet Water Temp	10°C
Design TD	2.04 °K
Design Pressure Drop	40 kPa
Max. Operating Pressure	300 kPa

GENERAL INFORMATION

Water Connections	40mm PVC
Drain	20mm aluminium
Defrost	Hot Gas Injection
Cabinet Construction	1.2mm Stucco Aluminium
Approx. shipping weight	220 kg
Size L x W x H	1755 mm x 834 mm x 965 mm

COP TABLE

Water In °C	Ambient Temperature								
	10 °C	15 °C	20 °C	25 °C	27 °C	30 °C	35 °C	40 °C	45 °C
30 °C	36.29 kW 6.66 COP	35.19 kW 6.13 COP	34.04 kW 5.60 COP	32.85 kW 5.07 COP	32.24 kW 4.82 COP	31.62 kW 4.57 COP	30.35 kW 4.09 COP	29.04 kW 3.64 COP	27.70 kW 3.23 COP
27 °C	33.78 kW 6.27 COP	32.74 kW 5.75 COP	31.65 kW 5.23 COP	30.53 kW 4.73 COP	29.95 kW 4.49 COP	29.36 kW 4.25 COP	28.16 kW 3.80 COP	26.93 kW 3.38 COP	25.66 kW 2.99 COP
25 °C	30.26 kW 5.70 COP	29.30 kW 5.20 COP	28.31 kW 4.71 COP	27.28 kW 4.25 COP	26.75 kW 4.02 COP	26.21 kW 3.80 COP	25.11 kW 3.39 COP	23.98 kW 3.01 COP	22.82 kW 2.66 COP
20 °C	28.07 kW 5.33 COP	27.17 kW 4.85 COP	26.24 kW 4.38 COP	25.26 kW 3.94 COP	24.77 kW 3.73 COP	24.26 kW 3.52 COP	23.22 kW 3.14 COP	22.16 kW 2.78 COP	21.06 kW 2.46 COP
15 °C	25.01 kW 4.79 COP	24.20 kW 4.34 COP	23.34 kW 3.92 COP	22.45 kW 3.51 COP	22.00 kW 3.32 COP	21.53 kW 3.13 COP	20.59 kW 2.78 COP	19.61 kW 2.47 COP	18.62 kW 2.17 COP
10 °C	21.35 kW 4.13 COP	20.62 kW 3.72 COP	19.86 kW 3.34 COP	19.08 kW 2.99 COP	18.67 kW 2.82 COP	18.27 kW 2.66 COP	17.43 kW 2.36 COP	16.57 kW 2.09 COP	15.69 kW 1.84 COP



UNIT		
Direction	Description	Minimum Clearance Required
1	Evaporator Coil	1000 mm
2	Water Connections	500 mm
3	Side – Fan Discharge	2500 mm
4	Compressor Access	850 mm
5	Top	500 mm

When units placed side by side allow 2000 mm between evaporator coils.
Rating Conditions: 27°C ambient, 60% RH, 27°C Water in