

Submittal Data: Altherma Unit EKHWS080BA3VJU ALTHERMA DOMESTIC HOT WATER

Job Name: Purchaser:		Location:			
					Submitted To:
Submitted By:		Date:			
Unit Designation:			The way		
Specification:					
Water Volume	79.2 gal (300 L)	DAIKIN			
Max. water temperature	185°F (85°C)				
Max. water pressure	145 psi	-			
Booster heater	3 kW		A WELLEY I S		
Standby Loss Rating °F(°C) /hr	0.5°F (0.3°C)		- ATTILITY - T		
Piping Connections:			50		
Water inlet H/E Diameter	3/4" (F) BSP				
Water outlet H/E Diameter	3/4" (F) BSP		"11.81" "0.00" "0.00"		
Cold water in Diameter	3/4" (F) BSP		(<u>30</u>)		
Hot water out Diameter	3/4" (F) BSP				
Temperature Sensor:					
Cable length	39.4ft (12m)				
		-			
Power Supply (Connected to Hydro			(1600MM)		
V/PH/Hz	208-230/1/60	DAIKIN			
Minimum Circuit Amps (MCA)	14.3 Amps	altherma			
Maximum Overcurrent Protection (MOP)	20.0 Amps	-			
Tank Material:		A	• •		
Material inside tank	316L Stainless steel	CURRENUS			
Material outside casing Ep	poxy-coated mild steel	Intertek			
Heat exchanger	316L SS (15sq/ft)	-			
Unit Data:		-	1.57" (40MM)		
Dimensions (HxWxD) 45-9/32 x	x 22-27/32 x 27-27/32		Required Service Space around The Tar		
Empty weight	129.8 lbs	-	ne installation, please refer to the Installation and Engineering Gui		
Standard Features:		- For further information about th	re instanation, please refer to the installation and Engineering Guid		
Parts warranty	5 years				
Limited labor warranty	1 year		3-Way valve body and motor is factory		
Multiposition 3-way diverting valve 1 qty			included with the Domestic Hot Water Ta for field installation.		
Solar Kit Options:			3-Way Valve Installation Position:		
Solar kit EKSOLHWBAVJU		3	1 - From indoor unit		
			2 - To domestic hot water tank		
			3 - To room heating		

Connections Adaptor Options:

Connections Type	Connections	Qty	Part No.	Outdoor Section
1-1/4" (F)BSPT x 1-1/4" (M)NPT	2 May Value	2	DACA-3WVTA-1	036,048,054
1" (F)BSPT x 1" (M)NPT	3-Way Valve	1	DACA-3WVTH-1	
1" (F)BSPT x 1" (M)NPT	3-Way Valve	3	DACA-3WVTH-1	018,024,030
3/4"(M) BSPP x 1" (F) NPT	DHW Tank Inlet/Outlet	2	DACA-THXA-1	018~054
3/4"(M) BSPP x 3/4"(F) NPT	Hot water outlet	1	DACA-DHWTA-1	018~054
3/4"(M) BSPP x 3/4" (F) NPT	Cold water inlet	1	DACA-DHWTA-1	018~054

Daikin AC (Americas), Inc. + 1645 Wallace Drive - Suite 110 + Carrollton, TX 75006

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