

Job Name: _____

Location: _____

Purchaser: _____

Engineer: _____

Submitted To: _____

For: Reference Approval Construction

Submitted By: _____

Date: _____

Unit Designation: _____

Technical Specification:

Heat Exchanger:

| | |
|--|---------------|
| Type | Brazed plate |
| Pressure drop (Solar side) | 3.12 psi |
| Max. inlet temperature (Solar side) | 230°F (110°C) |
| Capacity | 1,400 W/K |
| Logarithmic mean temperature difference (LMTD) | 5 K |

Pump:

| | |
|------------------|--------------|
| Type | Water cooled |
| Number of speeds | 3 |
| Power input | 46 W |

Sound Pressure Level:

| | |
|----------------|----------|
| Sound pressure | 27 (dBA) |
|----------------|----------|

Piping Connections:

| | |
|----------------------|---------------|
| Solar inlet / outlet | 3/4" (M) BSPP |
| Hot water outlet | 3/4" (M) BSPP |
| Cold water inlet | 3/4" (M) BSPP |

Ambient temperature:

| | |
|---------------------|--------------|
| Maximum | 95°F (35°C) |
| Minimum | 33.8°F (1°C) |
| Insulation material | EPP |

Dimensions:

| | |
|--------------|------------------------|
| Unit (HxWxD) | 30-1/32 x 12 x 10-1/32 |
| Unit weight | 17.6 lbs |

Standard Features:

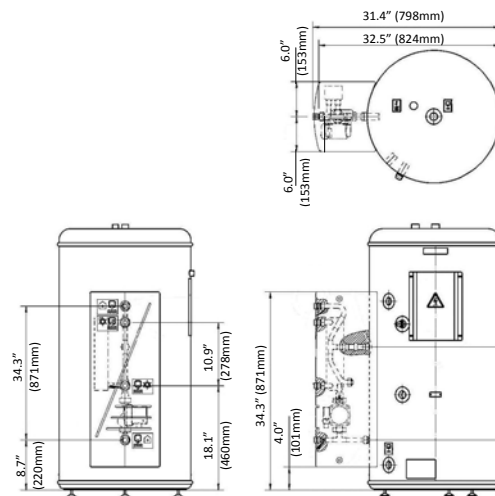
| | |
|------------------------|---------|
| Parts warranty | 5 years |
| Limited labor warranty | 1 year |

Electrical Specification:

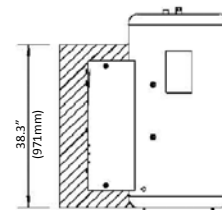
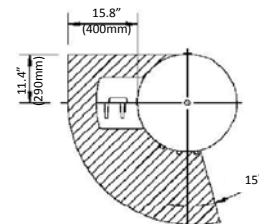
| | |
|-----------------------------|--------------|
| Unit power supply (V/PH/Hz) | 208/230-1-60 |
| Voltage range (Min./Max.) | -10% / +10% |
| Power supply intake | Indoor unit |


Connections Adaptor Options:

| Connections Type | Connections | Qty | Part No. |
|------------------------------|--------------------|-----|--------------|
| 3/4" (M) BSPP x 1" (F) NPT | Solar Inlet/Outlet | 2 | DACA-THXA-1 |
| 3/4" (M) BSPP x 3/4" (F) NPT | Hot water outlet | 1 | DACA-DHWTA-1 |
| 3/4" (M) BSPP x 3/4" (F) NPT | Cold water inlet | 1 | DACA-DHWTA-1 |



For further information about the installation, please refer to the Installation and Engineering Guides



 Service Space

Installation Servicing Space and Clearance