

Certificate of Product Ratings

AHRI Certified Reference Number: 5339331

Date: 1/24/2013

†Status: Active

Product: Water/Brine to Air Heat Pump Packaged Unit

Model Number: TVT-060-1*

Manufacturer: TERRA-THERM INC.

Trade/Brand name: TTHERM GEO

Rated as follows in accordance with ANSI/AHRI/ASHRAE/ISO Standard 13256-1 for Water-to-Air and Brine-To-Air Heat Pumps and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Cooling Air Flow Rate: 2000.0 / 2000.0 Heating Air Flow Rate: 1875.0 / 1875.0

WLHP (Water-Loop Heat Pumps) Full Load

Cooling Capacity(Btuh)
Cooling EER Rating(Btuh/watt)
Cooling Fluid Flow Rate(gpm)
Heating Capacity(Btuh)
Heating COP(watt/watt)
Heating Fluid Flow Rate(gpm)

Part Load

GWHP (Ground-Water Heat Pumps)

Cooling Capacity(Btuh) 75800 / 75800
Cooling EER Rating(Btuh/watt) 19.69 / 19.69
Cooling Fluid Flow Rate(gpm) 15.00 / 15.00
Heating Capacity(Btuh) 70800 / 70800
Heating COP(watt/watt) 4.08 / 4.08
Heating Fluid Flow Rate(gpm) 15.00 / 15.00

56900 / 56900
23.26 / 23.26
15.00 / 15.00
53100 / 53100
4.31 / 4.31
15.00 / 15.00

GLHP (Ground-Loop Heat Pumps)

Cooling Capacity(Btuh) 70900 / 70900
Cooling EER Rating(Btuh/watt) 15.20 / 15.20
Cooling Fluid Flow Rate(gpm) 15.00 / 15.00
Heating Capacity(Btuh) 55500 / 55500
Heating COP(watt/watt) 3.83 / 3.83
Heating Fluid Flow Rate(gpm) 15.00 / 15.00

55700 / 55700
20.50 / 20.50
15.00 / 15.00
46300 / 46300
4.07 / 4.07
15.00 / 15.00

† Models with an 'Active' status are those that are currently in production. Models with a 'Discontinued' status are those that the manufacturer has elected to stop producing, yet stock is still available. Models with an 'Obsolete' status are those that the manufacturer is required to stop manufacturing due to an AHRI certification program test failure.

* Ratings followed by an asterisk (*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

DISCLAIMER

AHRI does not endorse the product(s) listed on this Certificate and makes no representations, warranties or guarantees as to, and assumes no responsibility for, the product(s) listed on this Certificate. AHRI expressly disclaims all liability for damages of any kind arising out of the use or performance of the product(s), or the unauthorized alteration of data listed on this Certificate. Certified ratings are valid only for models and configurations listed in the directory at www.ahridirectory.org.

TERMS AND CONDITIONS

This Certificate and its contents are proprietary products of AHRI. This Certificate shall only be used for individual, personal and confidential reference purposes. The contents of this Certificate may not, in whole or in part, be reproduced; copied; disseminated; entered into a computer database; or otherwise utilized, in any form or manner or by any means, except for the user's individual, personal and confidential reference.

CERTIFICATE VERIFICATION

The information for the model cited on this certificate can be verified at www.ahridirectory.org, click on "Verify Certificate" link and enter the AHRI Certified Reference Number and the date on which the certificate was issued, which is listed above, and the Certificate No., which is listed below.

