

Certificate of Product Ratings

AHRI Certified Reference Number : 213804799 Date : 01-04-2024 Model Status : Active

Product : Water-to-Air and Brine-to-Air

Model Number : GCSHPM048IN

Brand Name : GEOCOOL

Indoor Unit Model Number : GCSCAM048GN-GCSBLM013

Rated as follows in accordance with ANSI/AHRI/ASHRAE/ISO Standard 13256-1: 1998 (RA 2012), Water-source heat pumps - Testing and rating for performance - Part 1: Water-to-air and brine-to-air heat pumps and subject to verification of rating accuracy by AHRI-sponsored, independent, third-party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:	1400	810		
Air Flow Rate - Heating:	1750	1050		

GWHP (Ground Water-Heat Pumps)

Cooling Capacity (Btuh)	50500/50500	13300/13300
Cooling EER Rating (Btuh/Watt)	27.00/27.00	70.97/70.97
Cooling Fluid Flow Rate (gpm)	8.00	8.00
Heating Capacity (Btuh)	48000/48000	11000/11000
Heating COP (watt/watt)	4.20/4.20	6.20/6.20
Heating Fluid Flow Rate (gpm)	8.00	8.00

GLHP (Ground -Loop Heat Pumps)

Cooling Capacity (Btuh)	46500/46500	14500/14500
Cooling EER Rating (Btuh/Watt)	18.30/18.30	48.80/48.80
Cooling Fluid Flow Rate (gpm)	8.00	8.00
Heating Capacity (Btuh)	40000/40000	9800/9800
Heating COP (watt/watt)	3.40/3.40	5.10/5.10
Heating Fluid Flow Rate (gpm)	8.00	8.00

Indoor Blower Motor Fan Type : ECM

Sold In? : USA, Canada

†"Active" Model Status are those that an AHRI Certification Program Participant is currently producing AND selling or offering for sale; OR new models that are being marketed but are not yet being produced."Production Stopped" Model Status are those that an AHRI Certification Program Participant is no longer producing BUT is still selling or offering for sale.
Ratings that are accompanied by WAS indicate an involuntary re-rate. The new published rating is shown along with the previous (i.e. WAS) rating.

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