

Certificate of Product Ratings

AHRI Certified Reference Number : 207822239

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO09KW2BWBB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	22274/22274	14919/14919		
Cooling EER Rating (Btuh/watt)	13.09/13.09	14.83/14.83		
Cooling Fluid Flow Rate (gpm)	6.10	4.00		
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	23901/23901	15879/15879		
Cooling EER Rating (Btuh/Watt)	18.60/18.60	22.43/22.43		
Cooling Fluid Flow Rate (gpm)	6.10	4.00		
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	21781/21781	15221/15221		
Cooling EER Rating (Btuh/Watt)	13.65/13.65	18.81/18.81		
Cooling Fluid Flow Rate (gpm)	5.90	3.90		
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822240

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO09KW2BWBH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	22274/22274	14919/14919		
Cooling EER Rating (Btuh/watt)	13.09/13.09	14.83/14.83		
Cooling Fluid Flow Rate (gpm)	6.10	4.00		
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	23901/23901	15879/15879		
Cooling EER Rating (Btuh/Watt)	18.60/18.60	22.43/22.43		
Cooling Fluid Flow Rate (gpm)	6.10	4.00		
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	21781/21781	15221/15221		
Cooling EER Rating (Btuh/Watt)	13.65/13.65	18.81/18.81		
Cooling Fluid Flow Rate (gpm)	5.90	3.90		
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822232

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO09KW2BWA

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822229

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO09KW2BWHB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822231

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO09KW2BWHE

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822230

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO09KW2BWHH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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we make life better™

CERTIFICATE NO.:

132978038777085826

Certificate of Product Ratings

AHRI Certified Reference Number : 207822236

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO09KW2BWPA

Brand Name : GeoSmart Energy

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	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO09KW2BWPB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822235

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO09KW2BWPE

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978042014165011

Certificate of Product Ratings

AHRI Certified Reference Number : 207822234

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO09KW2BWPH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822237

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO09KW2BWRB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	22274/22274	14919/14919		
Cooling EER Rating (Btuh/watt)	13.09/13.09	14.83/14.83		
Cooling Fluid Flow Rate (gpm)	6.10	4.00		
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	23901/23901	15879/15879		
Cooling EER Rating (Btuh/Watt)	18.60/18.60	22.43/22.43		
Cooling Fluid Flow Rate (gpm)	6.10	4.00		
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	21781/21781	15221/15221		
Cooling EER Rating (Btuh/Watt)	13.65/13.65	18.81/18.81		
Cooling Fluid Flow Rate (gpm)	5.90	3.90		
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822238

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO09KW2BWRH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	22274/22274	14919/14919		
Cooling EER Rating (Btuh/watt)	13.09/13.09	14.83/14.83		
Cooling Fluid Flow Rate (gpm)	6.10	4.00		
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	23901/23901	15879/15879		
Cooling EER Rating (Btuh/Watt)	18.60/18.60	22.43/22.43		
Cooling Fluid Flow Rate (gpm)	6.10	4.00		
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	21781/21781	15221/15221		
Cooling EER Rating (Btuh/Watt)	13.65/13.65	18.81/18.81		
Cooling Fluid Flow Rate (gpm)	5.90	3.90		
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978043500124381

Certificate of Product Ratings

AHRI Certified Reference Number : 207822275

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO09KW2CWBB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	22274/22274	14919/14919		
Cooling EER Rating (Btuh/watt)	13.09/13.09	14.83/14.83		
Cooling Fluid Flow Rate (gpm)	6.10	4.00		
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	23901/23901	15879/15879		
Cooling EER Rating (Btuh/Watt)	18.60/18.60	22.43/22.43		
Cooling Fluid Flow Rate (gpm)	6.10	4.00		
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	21781/21781	15221/15221		
Cooling EER Rating (Btuh/Watt)	13.65/13.65	18.81/18.81		
Cooling Fluid Flow Rate (gpm)	5.90	3.90		
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822276

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO09KW2CWBH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	22274/22274	14919/14919		
Cooling EER Rating (Btuh/watt)	13.09/13.09	14.83/14.83		
Cooling Fluid Flow Rate (gpm)	6.10	4.00		
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	23901/23901	15879/15879		
Cooling EER Rating (Btuh/Watt)	18.60/18.60	22.43/22.43		
Cooling Fluid Flow Rate (gpm)	6.10	4.00		
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	21781/21781	15221/15221		
Cooling EER Rating (Btuh/Watt)	13.65/13.65	18.81/18.81		
Cooling Fluid Flow Rate (gpm)	5.90	3.90		
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822268

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO09KW2CWHA

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978108877029902

Certificate of Product Ratings

AHRI Certified Reference Number : 207822265

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO09KW2CWHB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978107480759245

Certificate of Product Ratings

AHRI Certified Reference Number : 207822267

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO09KW2CWHE

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978108434992179

Certificate of Product Ratings

AHRI Certified Reference Number : 207822266

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO09KW2CWHH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978107897952929

Certificate of Product Ratings

AHRI Certified Reference Number : 207822272

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO09KW2CWPA

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978110759870385

Certificate of Product Ratings

AHRI Certified Reference Number : 207822269

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO09KW2CWPB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978109331724110

Certificate of Product Ratings

AHRI Certified Reference Number : 207822271

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO09KW2CWPE

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978110313144936

Certificate of Product Ratings

AHRI Certified Reference Number : 207822270

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO09KW2CWPH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978109866107155

Certificate of Product Ratings

AHRI Certified Reference Number : 207822273

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO9KW2CWRB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	22274/22274	14919/14919		
Cooling EER Rating (Btuh/watt)	13.09/13.09	14.83/14.83		
Cooling Fluid Flow Rate (gpm)	6.10	4.00		
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	23901/23901	15879/15879		
Cooling EER Rating (Btuh/Watt)	18.60/18.60	22.43/22.43		
Cooling Fluid Flow Rate (gpm)	6.10	4.00		
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	21781/21781	15221/15221		
Cooling EER Rating (Btuh/Watt)	13.65/13.65	18.81/18.81		
Cooling Fluid Flow Rate (gpm)	5.90	3.90		
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

13297811225970922

Certificate of Product Ratings

AHRI Certified Reference Number : 207822274

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO09KW2CWRH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	22274/22274	14919/14919		
Cooling EER Rating (Btuh/watt)	13.09/13.09	14.83/14.83		
Cooling Fluid Flow Rate (gpm)	6.10	4.00		
Heating Capacity (Btuh)	53473/53473	22184/22184		
Heating Cop (watt/watt)	4.32/4.32	5.46/5.46		
Heating Fluid Flow Rate (gpm)	11.70	7.60		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	23901/23901	15879/15879		
Cooling EER Rating (Btuh/Watt)	18.60/18.60	22.43/22.43		
Cooling Fluid Flow Rate (gpm)	6.10	4.00		
Heating Capacity (Btuh)	46261/46261	19431/19431		
Heating COP (watt/watt)	3.35/3.35	4.14/4.14		
Heating Fluid Flow Rate (gpm)	9.50	6.30		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	21781/21781	15221/15221		
Cooling EER Rating (Btuh/Watt)	13.65/13.65	18.81/18.81		
Cooling Fluid Flow Rate (gpm)	5.90	3.90		
Heating Capacity (Btuh)	36024/36024	16947/16947		
Heating COP (watt/watt)	2.83/2.83	3.87/3.87		
Heating Fluid Flow Rate (gpm)	6.80	5.40		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822251

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2BWBB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	30787/30787	20836/20836		
Cooling EER Rating (Btuh/watt)	13.60/13.60	15.19/15.19		
Cooling Fluid Flow Rate (gpm)	8.30	5.50		
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	32057/32057	21536/21536		
Cooling EER Rating (Btuh/Watt)	18.57/18.57	22.03/22.03		
Cooling Fluid Flow Rate (gpm)	8.20	5.40		
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	29297/29297	20681/20681		
Cooling EER Rating (Btuh/Watt)	13.72/13.72	18.64/18.64		
Cooling Fluid Flow Rate (gpm)	7.90	5.30		
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822252

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2BWBH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	30787/30787	20836/20836		
Cooling EER Rating (Btuh/watt)	13.60/13.60	15.19/15.19		
Cooling Fluid Flow Rate (gpm)	8.30	5.50		
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	32057/32057	21536/21536		
Cooling EER Rating (Btuh/Watt)	18.57/18.57	22.03/22.03		
Cooling Fluid Flow Rate (gpm)	8.20	5.40		
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	29297/29297	20681/20681		
Cooling EER Rating (Btuh/Watt)	13.72/13.72	18.64/18.64		
Cooling Fluid Flow Rate (gpm)	7.90	5.30		
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978053576992339

Certificate of Product Ratings

AHRI Certified Reference Number : 207822244

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2BWA

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978046783923028

Certificate of Product Ratings

AHRI Certified Reference Number : 207822241

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2BWHB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978045232025173

Certificate of Product Ratings

AHRI Certified Reference Number : 207822243

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2BWHE

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822242

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2BWHH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978045735157510

Certificate of Product Ratings

AHRI Certified Reference Number : 207822248

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2BWPA

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978049401461779

Certificate of Product Ratings

AHRI Certified Reference Number : 207822245

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2BWPB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822247

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2BWPE

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978048625512908

Certificate of Product Ratings

AHRI Certified Reference Number : 207822246

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2BWPH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978047785344093

Certificate of Product Ratings

AHRI Certified Reference Number : 207822249

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2BWRB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	30787/30787	20836/20836		
Cooling EER Rating (Btuh/watt)	13.60/13.60	15.19/15.19		
Cooling Fluid Flow Rate (gpm)	8.30	5.50		
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	32057/32057	21536/21536		
Cooling EER Rating (Btuh/Watt)	18.57/18.57	22.03/22.03		
Cooling Fluid Flow Rate (gpm)	8.20	5.40		
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	29297/29297	20681/20681		
Cooling EER Rating (Btuh/Watt)	13.72/13.72	18.64/18.64		
Cooling Fluid Flow Rate (gpm)	7.90	5.30		
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822250

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2BWRH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	30787/30787	20836/20836		
Cooling EER Rating (Btuh/watt)	13.60/13.60	15.19/15.19		
Cooling Fluid Flow Rate (gpm)	8.30	5.50		
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	32057/32057	21536/21536		
Cooling EER Rating (Btuh/Watt)	18.57/18.57	22.03/22.03		
Cooling Fluid Flow Rate (gpm)	8.20	5.40		
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	29297/29297	20681/20681		
Cooling EER Rating (Btuh/Watt)	13.72/13.72	18.64/18.64		
Cooling Fluid Flow Rate (gpm)	7.90	5.30		
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822287

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2CWBB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	30787/30787	20836/20836		
Cooling EER Rating (Btuh/watt)	13.60/13.60	15.19/15.19		
Cooling Fluid Flow Rate (gpm)	8.30	5.50		
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	32057/32057	21536/21536		
Cooling EER Rating (Btuh/Watt)	18.57/18.57	22.03/22.03		
Cooling Fluid Flow Rate (gpm)	8.20	5.40		
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	29297/29297	20681/20681		
Cooling EER Rating (Btuh/Watt)	13.72/13.72	18.64/18.64		
Cooling Fluid Flow Rate (gpm)	7.90	5.30		
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822288

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2CWBH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	30787/30787	20836/20836		
Cooling EER Rating (Btuh/watt)	13.60/13.60	15.19/15.19		
Cooling Fluid Flow Rate (gpm)	8.30	5.50		
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	32057/32057	21536/21536		
Cooling EER Rating (Btuh/Watt)	18.57/18.57	22.03/22.03		
Cooling Fluid Flow Rate (gpm)	8.20	5.40		
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	29297/29297	20681/20681		
Cooling EER Rating (Btuh/Watt)	13.72/13.72	18.64/18.64		
Cooling Fluid Flow Rate (gpm)	7.90	5.30		
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822280

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2CWHA

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978115884321142

Certificate of Product Ratings

AHRI Certified Reference Number : 207822277

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2CWHB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822279

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2CWHE

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978115368063611

Certificate of Product Ratings

AHRI Certified Reference Number : 207822278

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2CWHH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822284

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2CWPA

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978118143104692

Certificate of Product Ratings

AHRI Certified Reference Number : 207822281

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2CWPB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978116315733811

Certificate of Product Ratings

AHRI Certified Reference Number : 207822283

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2CWPE

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978117231997366

Certificate of Product Ratings

AHRI Certified Reference Number : 207822282

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2CWPH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978116819022479

Certificate of Product Ratings

AHRI Certified Reference Number : 207822285

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2CWRB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	30787/30787	20836/20836		
Cooling EER Rating (Btuh/watt)	13.60/13.60	15.19/15.19		
Cooling Fluid Flow Rate (gpm)	8.30	5.50		
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	32057/32057	21536/21536		
Cooling EER Rating (Btuh/Watt)	18.57/18.57	22.03/22.03		
Cooling Fluid Flow Rate (gpm)	8.20	5.40		
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	29297/29297	20681/20681		
Cooling EER Rating (Btuh/Watt)	13.72/13.72	18.64/18.64		
Cooling Fluid Flow Rate (gpm)	7.90	5.30		
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822286

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO12KW2CWRH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	30787/30787	20836/20836		
Cooling EER Rating (Btuh/watt)	13.60/13.60	15.19/15.19		
Cooling Fluid Flow Rate (gpm)	8.30	5.50		
Heating Capacity (Btuh)	68212/68212	30597/30597		
Heating Cop (watt/watt)	4.64/4.64	6.01/6.01		
Heating Fluid Flow Rate (gpm)	15.40	10.80		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	32057/32057	21536/21536		
Cooling EER Rating (Btuh/Watt)	18.57/18.57	22.03/22.03		
Cooling Fluid Flow Rate (gpm)	8.20	5.40		
Heating Capacity (Btuh)	62244/62244	23617/23617		
Heating COP (watt/watt)	3.47/3.47	4.54/4.54		
Heating Fluid Flow Rate (gpm)	13.00	7.90		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	29297/29297	20681/20681		
Cooling EER Rating (Btuh/Watt)	13.72/13.72	18.64/18.64		
Cooling Fluid Flow Rate (gpm)	7.90	5.30		
Heating Capacity (Btuh)	48688/48688	23532/23532		
Heating COP (watt/watt)	2.87/2.87	3.98/3.98		
Heating Fluid Flow Rate (gpm)	9.60	7.70		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822263

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2BWBB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	44782/44782	30182/30182		
Cooling EER Rating (Btuh/watt)	13.28/13.28	14.68/14.68		
Cooling Fluid Flow Rate (gpm)	12.10	8.00		
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	48967/48967	32706/32706		
Cooling EER Rating (Btuh/Watt)	18.75/18.75	22.05/22.05		
Cooling Fluid Flow Rate (gpm)	12.10	9.30		
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	44726/44726	31403/31403		
Cooling EER Rating (Btuh/Watt)	13.95/13.95	18.72/18.72		
Cooling Fluid Flow Rate (gpm)	12.00	8.10		
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978106498557170

Certificate of Product Ratings

AHRI Certified Reference Number : 207822264

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2BWBH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	44782/44782	30182/30182		
Cooling EER Rating (Btuh/watt)	13.28/13.28	14.68/14.68		
Cooling Fluid Flow Rate (gpm)	12.10	8.00		
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	48967/48967	32706/32706		
Cooling EER Rating (Btuh/Watt)	18.75/18.75	22.05/22.05		
Cooling Fluid Flow Rate (gpm)	12.10	9.30		
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	44726/44726	31403/31403		
Cooling EER Rating (Btuh/Watt)	13.95/13.95	18.72/18.72		
Cooling Fluid Flow Rate (gpm)	12.00	8.10		
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822256

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2BWHA

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978055344206032

Certificate of Product Ratings

AHRI Certified Reference Number : 207822253

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2BWHB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822255

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2BWHE

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978054926543582

Certificate of Product Ratings

AHRI Certified Reference Number : 207822254

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2BWHH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822260

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2BWPA

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822257

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2BWPB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978055875151394

Certificate of Product Ratings

AHRI Certified Reference Number : 207822259

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2BWPE

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822258

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2BWPH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978056415940762

Certificate of Product Ratings

AHRI Certified Reference Number : 207822261

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2BWRB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	44782/44782	30182/30182		
Cooling EER Rating (Btuh/watt)	13.28/13.28	14.68/14.68		
Cooling Fluid Flow Rate (gpm)	12.10	8.00		
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	48967/48967	32706/32706		
Cooling EER Rating (Btuh/Watt)	18.75/18.75	22.05/22.05		
Cooling Fluid Flow Rate (gpm)	12.10	9.30		
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	44726/44726	31403/31403		
Cooling EER Rating (Btuh/Watt)	13.95/13.95	18.72/18.72		
Cooling Fluid Flow Rate (gpm)	12.00	8.10		
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978105535886682

Certificate of Product Ratings

AHRI Certified Reference Number : 207822262

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2BWRH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	44782/44782	30182/30182		
Cooling EER Rating (Btuh/watt)	13.28/13.28	14.68/14.68		
Cooling Fluid Flow Rate (gpm)	12.10	8.00		
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	48967/48967	32706/32706		
Cooling EER Rating (Btuh/Watt)	18.75/18.75	22.05/22.05		
Cooling Fluid Flow Rate (gpm)	12.10	9.30		
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	44726/44726	31403/31403		
Cooling EER Rating (Btuh/Watt)	13.95/13.95	18.72/18.72		
Cooling Fluid Flow Rate (gpm)	12.00	8.10		
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822299

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2CWBB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	44782/44782	30182/30182		
Cooling EER Rating (Btuh/watt)	13.28/13.28	14.68/14.68		
Cooling Fluid Flow Rate (gpm)	12.10	8.00		
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	48967/48967	32706/32706		
Cooling EER Rating (Btuh/Watt)	18.75/18.75	22.05/22.05		
Cooling Fluid Flow Rate (gpm)	12.10	9.30		
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	44726/44726	31403/31403		
Cooling EER Rating (Btuh/Watt)	13.95/13.95	18.72/18.72		
Cooling Fluid Flow Rate (gpm)	12.00	8.10		
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822300

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2CWBH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	44782/44782	30182/30182		
Cooling EER Rating (Btuh/watt)	13.28/13.28	14.68/14.68		
Cooling Fluid Flow Rate (gpm)	12.10	8.00		
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	48967/48967	32706/32706		
Cooling EER Rating (Btuh/Watt)	18.75/18.75	22.05/22.05		
Cooling Fluid Flow Rate (gpm)	12.10	9.30		
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	44726/44726	31403/31403		
Cooling EER Rating (Btuh/Watt)	13.95/13.95	18.72/18.72		
Cooling Fluid Flow Rate (gpm)	12.00	8.10		
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822292

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2CWHA

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978122159156390

Certificate of Product Ratings

AHRI Certified Reference Number : 207822289

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2CWHB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822291

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2CWHE

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822290

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2CWHH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978121247953689

Certificate of Product Ratings

AHRI Certified Reference Number : 207822296

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2CWPA

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822293

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2CWPB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978122609473417

Certificate of Product Ratings

AHRI Certified Reference Number : 207822295

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2CWPE

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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CERTIFICATE NO.:

132978123507099136

Certificate of Product Ratings

AHRI Certified Reference Number : 207822294

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2CWPH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)				
Cooling EER Rating (Btuh/Watt)				
Cooling Fluid Flow Rate (gpm)				
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

Sold In? : USA, Canada

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Certificate of Product Ratings

AHRI Certified Reference Number : 207822297

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2CWRB

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	44782/44782	30182/30182		
Cooling EER Rating (Btuh/watt)	13.28/13.28	14.68/14.68		
Cooling Fluid Flow Rate (gpm)	12.10	8.00		
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	48967/48967	32706/32706		
Cooling EER Rating (Btuh/Watt)	18.75/18.75	22.05/22.05		
Cooling Fluid Flow Rate (gpm)	12.10	9.30		
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	44726/44726	31403/31403		
Cooling EER Rating (Btuh/Watt)	13.95/13.95	18.72/18.72		
Cooling Fluid Flow Rate (gpm)	12.00	8.10		
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

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.
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Certificate of Product Ratings

AHRI Certified Reference Number : 207822298

Date : 05-23-2022

Model Status: Active

Old AHRI Reference Number :

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

Model Number : NETZERO22KW2CWRH

Brand Name : GeoSmart Energy

Rated as follows in accordance with the latest edition of ANSI/AHRI/ASHRAE/ISO 13256-2 Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

	Full Load	Part Load1	Part Load2	Part Load3
Air Flow Rate - Cooling:				
Air Flow Rate - Heating:				
WLHP (Water-Loop Heat Pumps)				
Cooling Capacity (Btuh)	44782/44782	30182/30182		
Cooling EER Rating (Btuh/watt)	13.28/13.28	14.68/14.68		
Cooling Fluid Flow Rate (gpm)	12.10	8.00		
Heating Capacity (Btuh)	96053/96053	73713/73713		
Heating Cop (watt/watt)	3.99/3.99	5.53/5.53		
Heating Fluid Flow Rate (gpm)	20.90	15.30		
GWHP (Ground Water-Heat Pumps)				
Cooling Capacity (Btuh)	48967/48967	32706/32706		
Cooling EER Rating (Btuh/Watt)	18.75/18.75	22.05/22.05		
Cooling Fluid Flow Rate (gpm)	12.10	9.30		
Heating Capacity (Btuh)	86016/86016	34387/34387		
Heating COP (watt/watt)	3.22/3.22	4.36/4.36		
Heating Fluid Flow Rate (gpm)	17.60	11.50		
GLHP (Ground -Loop Heat Pumps)				
Cooling Capacity (Btuh)	44726/44726	31403/31403		
Cooling EER Rating (Btuh/Watt)	13.95/13.95	18.72/18.72		
Cooling Fluid Flow Rate (gpm)	12.00	8.10		
Heating Capacity (Btuh)	70898/70898	30384/30384		
Heating COP (watt/watt)	2.81/2.81	3.87/3.87		
Heating Fluid Flow Rate (gpm)	20.70	9.80		

Indoor Blower Motor Fan Type :

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