



Up to 36.5 EER Geothermal Heat Pump

The Geocool® eco-friendly series geothermal heat pump provides the homeowner with ultimate comfort and performance in one compact, easy to install unit. It uses chlorine-free and non-depleting R410A refrigerant that not only helps save money on energy bills, but also reduces air pollution.

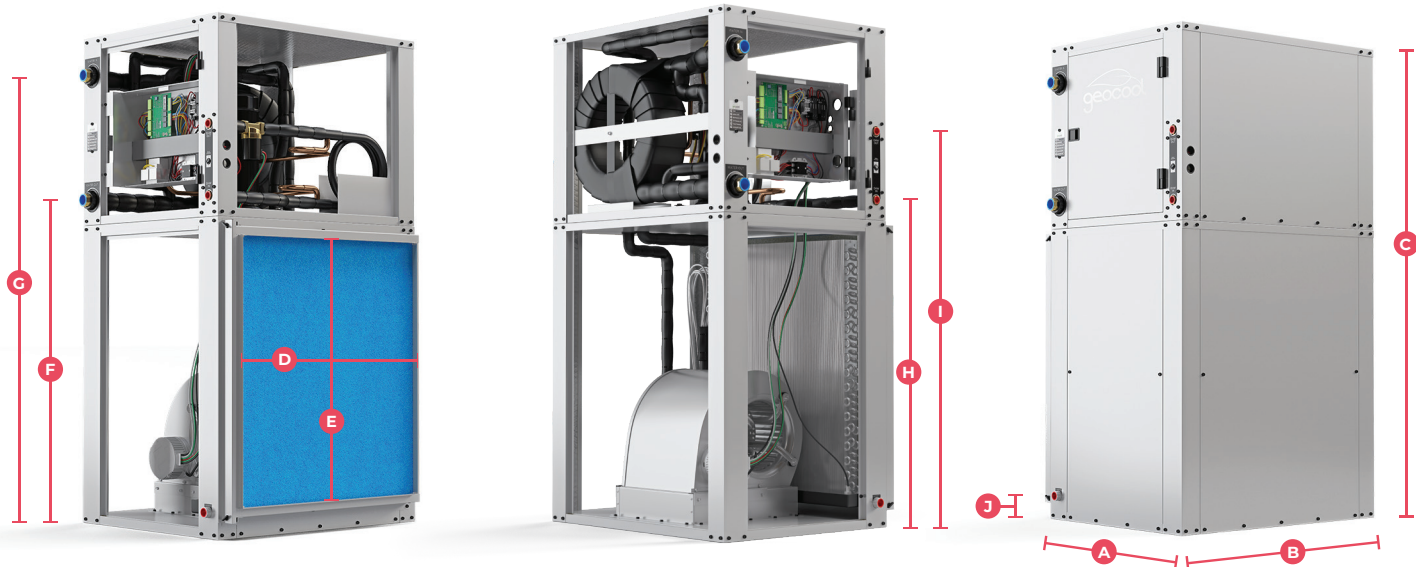
+ complete install kits available



- ✓ Quiet Running
- ✓ 2 Stage Compressor
- ✓ Horizontal/Vertical
- ✓ Brushed Aluminum Cabinet
- ✓ Safeguards & Diagnostics
- ✓ Best in Class Efficiency
- ✓ Energy Efficient
- ✓ Compact Design



†Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty; 15-year for heat exchanger where specified). Warranty must be registered online within 60 days of installation to qualify for extended coverage. Unregistered equipment defaults to 5-year coverage.



DIMENSIONAL DATA

MODEL	CABINET	RETURN		GROUND LOOP		DESUPERHEATER		CONDENSATE	WEIGHT	
		A X B X C	D X E	FILTER SIZE	F	G	H	I		J
2 Ton	DOWNFLOW	25.75 X 32.00 X 56.00	26 X 28	28 X 30	35.88	47.94	35.275	43.525	3.75	325* - 335** LBS
3 Ton	DOWNFLOW	25.75 X 32.00 X 56.00	26 X 28	28 X 30	35.88	51.25	35.275	43.525	3.75	350* - 360** LBS
4 Ton	DOWNFLOW	25.75 X 32.00 X 60.00	30 X 28	32 X 30	39.88	55.13	39.275	47.525	3.75	380* - 390** LBS
5 Ton	DOWNFLOW	25.75 X 32.00 X 64.00	34 X 28	36 X 30	43.88	60.50	43.275	51.525	3.75	415* - 425** LBS

GROUND LOOP CONNECTIONS: 1" FPT / DESUPERHEATER CONNECTIONS: 3/4" FPT / CONDENSATE CONNECTION: 3/4" FPT

* UNIT WEIGHT NO DHW

FILTER RACK WIDTH IS 3". ("A" DIMENSION DOES NOT INCLUDE FILTER RACK WIDTH)

** UNIT WEIGHT WITH DESUPERHEATER

PERFORMANCE RATINGS

MODEL	LOAD	FLUID FLOW (GPM)	AIRFLOW (COOLING CFM)	AIRFLOW (HEATING CFM)	OPEN LOOP (GROUND WATER HEAT PUMP)				CLOSED LOOP (GROUND LOOP HEAT PUMP)			
					COOLING		HEATING		COOLING		HEATING	
					Entering Water Temperature 59F		Entering Water Temperature 50F		Entering Brine Temperature Full Load: 77F / Part Load: 68F		Entering Brine Temperature Full Load: 32F / Part Load: 41F	
					CAPACITY (BTU/HR)	EER	CAPACITY (BTU/HR)	COP	CAPACITY (BTU/HR)	EER	CAPACITY (BTU/HR)	COP
2 Ton	Full	8.0	1000	950	29,000	27.4	25,700	5.4	27,000	20.7	19,900	4.2
	Part	7.0	850	800	23,000	36.5	19,000	5.5	21,900	29.1	16,500	4.7
3 Ton	Full	9.0	1350	1300	43,000	27.2	38,000	5.3	39,000	20.6	29,000	4.4
	Part	8.0	1150	1100	33,000	35.7	27,500	5.6	30,300	29.0	24,000	4.8
4 Ton	Full	12.0	1850	1750	56,000	26.0	50,000	4.9	50,000	19.2	39,400	4.0
	Part	11.0	1550	1500	41,000	33.0	34,500	5.0	38,000	27.0	30,000	4.5
5 Ton	Full	15.0	2300	2200	72,500	24.0	64,500	4.9	66,500	17.5	50,500	4.0
	Part	14.0	1950	1850	55,200	31.0	47,000	5.2	53,400	26.0	41,000	4.6

HEATING CAPACITIES BASED ON 68.0°F DB / 59.0°F WB ENTERING AIR TEMPERATURE

COOLING CAPACITIES BASED ON 80.6°F DB / 66.2°F WB ENTERING AIR TEMPERATURE

ALL RATINGS BASED ON 208V / 60Hz / 1ph



DIMENSIONAL DATA

MODEL	CABINET	RETURN		GROUND LOOP		DESUPERHEATER		CONDENSATE	WEIGHT	
		A X B X C	D X E	FILTER SIZE	F	G	H	I		J
2 Ton	VERTICAL	25.75 X 32.00 X 44.00	26 X 28	28 X 30	3.00	15.06	2.40	10.65	13.145	325* / 335** LBS
3 Ton	VERTICAL	25.75 X 32.00 X 44.00	26 X 28	28 X 30	3.00	18.38	2.40	10.65	13.145	350* / 360** LBS
4 Ton	VERTICAL	25.75 X 32.00 X 48.00	30 X 28	32 X 30	3.00	18.25	2.40	10.65	13.145	380* / 390** LBS
5 Ton	VERTICAL	25.75 X 32.00 X 52.00	34 X 28	36 X 30	3.00	19.63	2.40	10.65	13.145	415* / 425** LBS

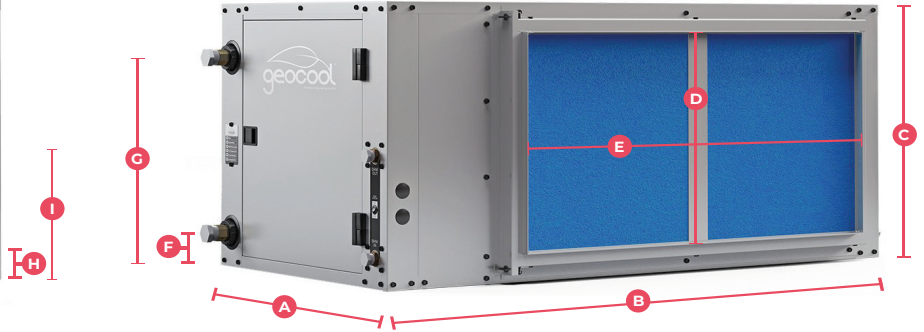
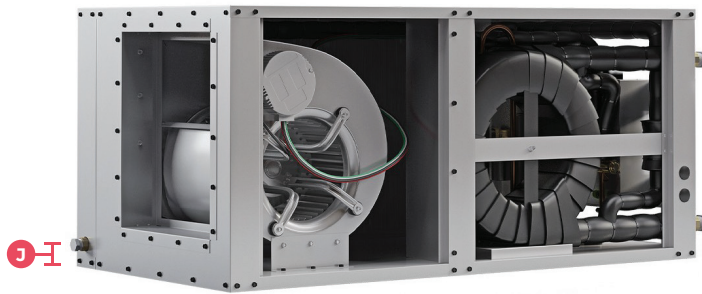
GROUND LOOP CONNECTIONS: 1" FPT / DESUPERHEATER CONNECTIONS: 3/4" FPT / CONDENSATE CONNECTION: 3/4" FPT * UNIT WEIGHT NO DHW

FILTER RACK WIDTH IS 3". ("A" DIMENSION DOES NOT INCLUDE FILTER RACK WIDTH) ** UNIT WEIGHT WITH DESUPERHEATER

PERFORMANCE RATINGS

MODEL	LOAD	FLUID FLOW (GPM)	AIRFLOW (COOLING CFM)	AIRFLOW (HEATING CFM)	OPEN LOOP (GROUND WATER HEAT PUMP)				CLOSED LOOP (GROUND LOOP HEAT PUMP)			
					COOLING		HEATING		COOLING		HEATING	
					Entering Water Temperature 59F		Entering Water Temperature 50F		Entering Brine Temperature Full Load: 77F / Part Load: 68F		Entering Brine Temperature Full Load: 32F / Part Load: 41F	
					CAPACITY (BTU/HR)	EER	CAPACITY (BTU/HR)	COP	CAPACITY (BTU/HR)	EER	CAPACITY (BTU/HR)	COP
2 Ton	Full	8.0	1000	950	29,000	27.4	25,700	5.4	27,000	20.7	19,900	4.2
	Part	7.0	850	800	23,000	36.5	19,000	5.5	21,900	29.1	16,500	4.7
3 Ton	Full	9.0	1350	1300	43,000	27.2	38,000	5.3	39,000	20.6	29,000	4.4
	Part	8.0	1150	1100	33,000	35.7	27,500	5.6	30,300	29.0	24,000	4.8
4 Ton	Full	12.0	1850	1750	56,000	26.0	50,000	4.9	50,000	19.2	39,400	4.0
	Part	11.0	1550	1500	41,000	33.0	34,500	5.0	38,000	27.0	30,000	4.5
5 Ton	Full	15.0	2300	2200	72,500	24.0	64,500	4.9	66,500	17.5	50,500	4.0
	Part	14.0	1950	1850	55,200	31.0	47,000	5.2	53,400	26.0	41,000	4.6

ALL RATINGS BASED ON 208V / 60Hz / 1ph HEATING CAPACITIES BASED ON 68.0°F DB / 59.0°F WB ENTERING AIR TEMPERATURE
COOLING CAPACITIES BASED ON 80.6°F DB / 66.2°F WB ENTERING AIR TEMPERATURE



DIMENSIONAL DATA

MODEL	CABINET	RETURN	GROUND LOOP		DESUPERHEATER		CONDENSATE	WEIGHT	
			A X B X C	D X E	FILTER SIZE	F			G
2 Ton	HORIZONTAL 25.75 X 51.00 X 23.125	18 X 35	20 X 37	3.00	15.06	2.40	10.65	1.75	325* - 335** LBS
3 Ton	HORIZONTAL 25.75 X 51.00 X 23.125	18 X 35	20 X 37	3.00	18.38	2.40	10.65	1.75	350* - 360** LBS
4 Ton	HORIZONTAL 25.75 X 56.00 X 23.125	18 X 40	20 X 42	3.00	18.25	2.40	10.65	1.75	380* - 390** LBS
5 Ton	HORIZONTAL 25.75 X 61.00 X 23.125	18 X 45	20 X 47	3.00	19.63	2.40	10.65	1.75	415* - 425** LBS

GROUND LOOP CONNECTIONS: 1" FPT / DESUPERHEATER CONNECTIONS: 3/4" FPT / CONDENSATE CONNECTION: 3/4" FPT

* UNIT WEIGHT NO DHW

FILTER RACK WIDTH IS 3". ("A" DIMENSION DOES NOT INCLUDE FILTER RACK WIDTH)

** UNIT WEIGHT WITH DESUPERHEATER

PERFORMANCE RATINGS

MODEL	LOAD	FLUID FLOW (GPM)	AIRFLOW (COOLING CFM)	AIRFLOW (HEATING CFM)	OPEN LOOP (GROUND WATER HEAT PUMP)				CLOSED LOOP (GROUND LOOP HEAT PUMP)			
					COOLING		HEATING		COOLING		HEATING	
					Capacity	EER	Capacity	COP	Capacity	EER	Capacity	COP
					Entering Water Temperature 59F		Entering Water Temperature 50F		Entering Brine Temperature Full Load: 77F / Part Load: 68F		Entering Brine Temperature Full Load: 32F / Part Load: 41F	
2 Ton	Full	8.0	1000	950	29,000	27.4	25,700	5.4	27,000	20.7	19,900	4.2
	Part	7.0	850	800	23,000	36.5	19,000	5.5	21,900	29.1	16,500	4.7
3 Ton	Full	9.0	1350	1300	43,000	27.2	38,000	5.3	39,000	20.6	29,000	4.4
	Part	8.0	1150	1100	33,000	35.7	27,500	5.6	30,300	29.0	24,000	4.8
4 Ton	Full	12.0	1850	1750	56,000	26.0	50,000	4.9	50,000	19.2	39,400	4.0
	Part	11.0	1550	1500	41,000	33.0	34,500	5.0	38,000	27.0	30,000	4.5
5 Ton	Full	15.0	2300	2200	72,500	24.0	64,500	4.9	66,500	17.5	50,500	4.0
	Part	14.0	1950	1850	55,200	31.0	47,000	5.2	53,400	26.0	41,000	4.6

HEATING CAPACITIES BASED ON 68.0°F DB / 59.0°F WB ENTERING AIR TEMPERATURE

COOLING CAPACITIES BASED ON 80.6°F DB / 66.2°F WB ENTERING AIR TEMPERATURE

ALL RATINGS BASED ON 208V / 60Hz / 1ph