

Warranty

GeoFurnace Magnum Series Heat Pumps Residential Warranty Schedule

T-Residential Applications Only:

All Parts- 2 Years and Labor

Years 1 and 2, GeoFurnace Manufacturing, Inc. (GFM) will replace defective, parts F.O.B. De Smet, SD, prepaid freight only. Defective parts include only parts that fail due to defective material or workmanship and not improper installation. GeoFurnace will cover the cost of the labor to replace the defective part according to, and not exceeding, GFM Labor Allowance Schedule.

Refrigeration Components- 5 Year and Labor

Year 3, 4 and 5, GeoFurnace Manufacturing, Inc. will replace defective refrigeration components, F.O.B. De Smet, SD, prepaid freight only. Defective refrigeration components include only parts that fail due to defective material or workmanship and not improper installation. GFM will cover the cost of the labor to replace the defective part according to, and not exceeding, GFM Labor Allowance Schedule.

Refrigeration Components- 10 Year

On years 6 through 10, GeoFurnace Manufacturing, Inc. will replace defective refrigerant components including compressor, expansion valve, evaporator, condenser and reversing valve F.O.B De Smet, SD, prepaid freight only, that fail due to defective material or workmanship and not from improper installation, servicing or misuse.

Stainless Steel Frame Cabinet- Lifetime

GeoFurnace Manufacturing, Inc. will warranty all stainless steel cabinet panels, due to defective material, for the lifetime of the unit.

Warranty

GeoFurnace Magnum Series Heat Pumps Commercial Warranty Schedule

S-Commercial Applications Only:

18 Months All Parts and Labor

GeoFurnace Manufacturing Inc. will replace defective parts F.O.B. De Smet, SD, prepaid freight only for 18 months. Defective parts include only parts that fail due to defective material or workmanship and not improper installation, service or misuse.

Exceptions to Warranty

This Warranty does not apply to:

1. Any portion of the system not supplied by GeoFurnace Manufacturing Inc.
2. Scratches, dents or discoloration, on or in surfaces of products or units.
3. Air filters, fuses, refrigerant and oil.
4. Products or components that have had I.D. nametags or faceplates altered, removed or defaced.
5. Products that have defects or are damaged due to a harsh environment, including corrosive liquid or air supply or operation at abnormal temperatures.
6. Products or units damaged during shipment.
7. Products or units damaged from: improper service, installation, wiring, electrical, inadequate air flows, fire, floods, misapplication, modification, acts of God, rupture or breakage of the water condenser coil or tubing if subject to freezing applications without proper protection.
8. Products or components that are field altered from original factory design.
9. Products that are disconnected or moved from original installation.
10. Any products that have not been paid for, in full, to the authorized GFM dealer or contractor.
11. No cabinet warranty.

How to obtain Warranty

If you have a problem with your unit or system or if you may have a warranty issue, please promptly notify your dealer within thirty (30) days of the issue. If it is determined that the GeoFurnace Manufacturing Inc. unit or component is the result of the problem, defective parts should be returned to the GeoFurnace factory, prepaid at your expense. All warranty claims and questions are to be directed to GeoFurnace Manufacturing Inc. Warranty, 605 4th St. SE, De Smet, SD 57231. GeoFurnace Manufacturing Inc. is not responsible for any delay in shipment of components and will make every effort to process claims as quickly as possible.

Limitations to Warranty

Warranty begins on the date of shipment of unit. The warranty registration card must be returned to GeoFurnace Manufacturing in order to qualify for warranties. All service must be performed by an authorized GFM service person. GeoFurnace will not be liable for consequential or incidental expenses, damages or losses with regards to any product or service. This warranty is given in lieu of all other express warranties, whether written or oral and does not extend beyond the warranty duration set forth above.

Warranty Claim, Return Forms & Labor Warranty:

Return Authorization Number: _____ Module No: _____

Type No: _____ Serial No: _____

Date Installed: _____ Date Failed: _____

Malfunctioning Part (Refrigeration): _____

Malfunctioning Part (Electrical): _____

Malfunctioning Part (Welding & Fittings): _____

Describe Problem: _____

Dealer's Name: _____ Signature: _____

Labor Rate for Five or Ten Year Warranty

A: There will be no labor allowance for 18 month warranty, only parts. Warranty can be identified by the nomenclature letter found off the heat pump.

B: Labor incurred for the installation/replacement of all refrigerant parts within 60 or 120 months from date of shipment from the factory, referenced by nomenclature code, shall be covered by the following warranty.

C: The hourly rate is \$65.00 per hour. Labor hours allowed are as followed:

4.0 hours	Compressor
4.0 hours	Three Way Valve
3.0 hours	Water Coil
3.0 hours	Air Coil
3.0 hours	All other Refrigerant Components

D: Labor incurred for the installation/replacement of all non-refrigerant parts within 18 months from date of shipment from the factory, shall be covered by the following warranty.

E: The hourly rate is \$65.00 per hour. Labor hours allowed are as followed:

1.0 hours	Blower Motor
0.0 hours	Electric Resistance Strip Heat
1.0 hours	All other Electrical or Mechanical Components

F: These rates are subjected to change without notice!

Note: 2 hours shall be allowed for refrigerant or water leaks found at startup. 8 total man hours shall be allowed to change out a complete unit, should it be deemed un-reparable by GeoFurnace Manufacturing solely at their discretion.

G: You will be invoiced for the replacement part and credited for both the part and labor claim upon receipt of properly executed claim form and the return of the defective parts. GeoFurnace Manufacturing re-

serves the right to credit any warranty claims to the next order placed with GeoFurnace Manufacturing.

H: For the warranty claim to be processed, it must be presented on a standard warranty **CLAIM FORM** and contain the following information:

1. The date of installation and start-up
2. Unit model number
3. Unit serial number
4. The date of failure
5. Appropriate information on the owner and Dealer/Installer
6. Description and/or part number of the item replaced.

I: This warranty **EXCLUDES** travel time, mileage, materials, diagnostic time, service calls, refrigerant and any other miscellaneous items normally associated with the repair.

J: GeoFurnace Manufacturing reserves the right to extend or modify this warranty in certain circumstances, on a ONE TIME basis. This shall, in no way, be constructed as a permanent modification or extension.

K: This warranty as well as any other warranties, shall become ineffective if the GeoFurnace is installed out of doors or in violation of our prescribed methods. (These are clearly set-forth in our date manuals).

L: This warranty shall cover the GeoFurnace ONLY and specifically EXCLUDE components outside of the cabinet. Accessories, such as pumps, external relays, valves, or any other components shall not be covered, whether they are supplied by GeoFurnace Manufacturing or any other source. These items shall be warranted to the extent of the O. E. M. supplier's standard warranty, which in most cases, exclude labor. (Obviously, we cannot warranty components over which we have no control in the manufacture, thereof).

This warranty shall only apply to GeoFurnace equipment.



Date: _____

PO#: _____

Name: _____

Address: _____

City: _____

State: _____ Zip: _____

Phone: _____

Fax: _____

Ordered By: _____

Email: _____

Ship To: _____

Please indicate by check mark the options you would like for your unit. Please note any special instructions or delivery options below. Once your order form is received we will send an order acknowledgement form to be signed and returned to GeoFurnace

Model	
<input type="checkbox"/> MW = Water to Water	<input type="checkbox"/> MS = Split Cond.
<input type="checkbox"/> MA = Water to Air	<input type="checkbox"/> ME = Evaporator
<input type="checkbox"/> MC = Combo	<input type="checkbox"/> MR = Rooftop
<input type="checkbox"/> MF = Hydro Coil	
Unit Capacity	
<input type="checkbox"/> 1 Ton	<input type="checkbox"/> 4.5 Ton (Water - Water Only)
<input type="checkbox"/> 1.5 Ton	<input type="checkbox"/> 5 Ton
<input type="checkbox"/> 2 Ton (Forced Air Only)	<input type="checkbox"/> 6 Ton
<input type="checkbox"/> 2.5 Ton (Water - Water Only)	<input type="checkbox"/> 8 Ton
<input type="checkbox"/> 3 Ton (Forced Air Only)	<input type="checkbox"/> 10 Ton
<input type="checkbox"/> 3.5 Ton (Water - Water Only)	<input type="checkbox"/> 12 Ton
<input type="checkbox"/> 4 Ton	
Compressor Type	
<input type="checkbox"/> N = None	<input type="checkbox"/> D = Dual
<input type="checkbox"/> S = Single Stage	<input type="checkbox"/> R = Rotary
<input type="checkbox"/> T = Two Speed	
Application	
<input type="checkbox"/> R = Residential	<input type="checkbox"/> C = Commercial
Voltage	
<input type="checkbox"/> 1 = 208/230 1 Phase	<input type="checkbox"/> 3 = 460 3 Phase
<input type="checkbox"/> 2 = 208/230 3 Phase	<input type="checkbox"/> 4 = 575 3 Phase
<input type="checkbox"/> 5 = 115/120 1 Phase	
Hot Water Configuration	
<input type="checkbox"/> 0 = None	<input type="checkbox"/> 3 = Hydronic & Desuperheater
<input type="checkbox"/> 1 = Desuperheater	
<input type="checkbox"/> 2 = On Demand Domestic Hot Water	<input type="checkbox"/> 4 = Hydronic & On Demand Domestic Hot Water

Discharge Air Options	
<input type="checkbox"/> 0 = None	<input type="checkbox"/> E = End Horizontal
<input type="checkbox"/> T = Top Vertical	
<input type="checkbox"/> B = Bottom Vertical	<input type="checkbox"/> H = Side
<input type="checkbox"/> S = Side Vertical	
<input type="checkbox"/> F = Flow Through	<input type="checkbox"/> N = No Reversing Valve (Water to Water Only)
Return Options	
<input type="checkbox"/> 0 = None	<input type="checkbox"/> T = Top
<input type="checkbox"/> L = Left	<input type="checkbox"/> B = Bottom
<input type="checkbox"/> R = Right	<input type="checkbox"/> C = Back
<input type="checkbox"/> N = Neutral	
Fan Motor	
<input type="checkbox"/> 0 = None	<input type="checkbox"/> 2 = ECM
<input type="checkbox"/> 1 = PSC	<input type="checkbox"/> 3 = Special
Earth Loop Heat Exchanger Options	
<input type="checkbox"/> 0 = None	
<input type="checkbox"/> C = Coaxial Cupronickel	
<input type="checkbox"/> B = Stainless Steel Brazed Flat Plate	
<input type="checkbox"/> K = Coaxial Copper	
Warranty	
<input type="checkbox"/> S = Commercial 18 Month	
<input type="checkbox"/> T = 10 Year Refrigerant	
<input type="checkbox"/> L = Limited (HydroCoil Only)	

NOTES:



Date: _____

PO#: _____

Name: _____

Address: _____

City: _____

State: _____ Zip: _____

Phone: _____

Fax: _____

Ordered By: _____

Email: _____

Ship To: _____

Please indicate by check mark the options you would like for your unit. Please notate any special instructions or delivery options below. Once your order form is received we will send an order acknowledgement form to be signed and returned to GeoFurnace

Electric Heat Strip	
_____ None	_____ 10 kW
_____ 5 kW	_____ 15 kW
Thermostat	
_____ None	_____ 3 Heat 2 Cool
_____ 2 Heat 1 Cool	
Single Heat Pump Flow Center (3 Gallon)	
_____ # of 16 GPM @ 15 H (ft) Pumps	
Double Heat Pump Flow Center (3 Gallon)	
_____ # of 16 GPM @ 15 H (ft) Pumps (1 set of 2)	
_____ # of 16 GPM @ 30 H (ft) Pumps (2 sets of 2)	
Multizone Flow Center	
_____ Size (6 or 12 gallon)	_____ # Heat Pump Circuits
_____ # of 16 GPM @ 15 H (ft) Pumps	
Solenoid Valves	
_____ 3/4" 24 V	
_____ 1" 24 V	
Flow Regulator Valves - 1"	
_____ 3 GPM (2 Ton)	_____ 7.50 GPM (5 Ton)
_____ 4.50 GPM (3 Ton)	
_____ 6 GPM (4 Ton)	_____ 9.00 GPM (6 Ton)
Flow Meter	
_____ 2.5 to 25 GPM	

Concentric Water Fitting (Water Heater Connection)	
_____ Yes	_____ No
Pleated Air Filter (case)	
_____ 26 x 16	_____ 28 x 22
_____ 26 x 30	_____ 26 x 26
Base Pad	
_____ 36 x 30	_____ 54 x 30
Hydronic Buffer Tank (40 Gallon)	
_____ # Heat Pump Circuits	_____ # of 16 GPM @ 15 H (ft) Pumps
_____ # of 16 GPM @ 15 H (ft) Pumps	_____ # of 12 GPM @ 5 H (ft) Pumps
	_____ 1st Stage Aquastat (Heat Only)
_____ # Hydronic Circuits	_____ 2nd Stage Aquastat (Heat and Cool)
Boiler Buddy	
_____ Size (30 or 80 Gallon)	_____ # of 16 GPM @ 15 H (ft) Pumps
_____ # Heat Pump Circuits	_____ # of 12 GPM @ 5 H (ft) Pumps
_____ # of 16 GPM @ 15 H (ft) Pumps	_____ 1st Stage Aquastat (Heat Only)
_____ # Hydronic Circuits	_____ 2nd Stage Aquastat (Heat and Cool)
Loop Manifold	
_____ # of Circuits	_____ Inlet Size
_____ Angled	_____ Outlet Size
_____ Straight	

NOTES:

