

Global Geothermal Heat Pump Market Research Report 2016

https://marketpublishers.com/r/27113DA1FBDEN.html

Date: December 2016

Pages: 134

Price: US\$ 2,955.00 (Single User License)

ID: 27113DA1FBDEN

Abstracts

This report studies Geothermal Heat Pumpin Global market, especially in North America, Europe, China, Japan, Taiwan and India, focuses on top manufacturers in global market, with capacity, production, price, revenue and market share for each manufacturer, covering

American Standard
Bard
Bryant
Carrier
Climate Master
Daiken
Earth to Air
EarthLinked
Energy Star
Florida Heat Pump
GeoComfort



GeoCool

	GeoSmart
	Goodman
	HydroHeat
	Hydron Module
	Rheem
	Tetco
	Water Furnace
produc	Segment by Regions, this report splits Global into several key Regions, with stion, consumption, revenue, market share and growth rate of Geothermal Heat in these regions, from 2011 to 2021 (forecast), like
	North America
	China
	Europe
	Japan
	Taiwan
	India
	Row

Split by Product Types, with production, revenue, price, market share and growth rate of

Global Geothermal Heat Pump Market Research Report 2016

each type, can be divided into



Closed Pipe System
Open Loop System
Pond or Lake System
Hybrid System
Direct Exchange
Split by applications, this report focuses on consumption, market share and growth rate of Geothermal Heat Pumpin each application, can be divided into
Air heating
Hydronic radiant floor
Domestic hot water
Pool water heating
Dual fuel systems



Contents

Global Geothermal Heat Pump Market Research Report 2016

1 GEOTHERMAL HEAT PUMP MARKET OVERVIEW

- 1.1 Product Overview and Scope of Geothermal Heat Pump
- 1.2 Geothermal Heat Pump Segment by Types
 - 1.2.1 Global Production Market Share of Geothermal Heat Pump by Types in 2015
 - 1.2.2 Closed Pipe System
 - 1.2.3 Open Loop System
 - 1.2.4 Pond or Lake System
 - 1.2.5 Hybrid System
 - 1.2.6 Direct Exchange
- 1.3 Geothermal Heat Pump Segment by Applications
- 1.3.1 Geothermal Heat PumpConsumption Market Share by Applications in 2015
- 1.3.2 Air heating
- 1.3.3 Hydronic radiant floor
- 1.3.4 Domestic hot water
- 1.3.5 Pool water heating
- 1.3.6 Dual fuel systems
- 1.4 Geothermal Heat Pump Market by Regions
 - 1.4.1North America Status and Prospect (2011-2021)
 - 1.4.2 China Status and Prospect (2011-2021)
 - 1.4.3 Europe Status and Prospect (2011-2021)
 - 1.4.4 Japan Status and Prospect (2011-2021)
 - 1.4.5 Taiwan Status and Prospect (2011-2021)
 - 1.4.6 India Status and Prospect (2011-2021)
- 1.4.7 Row Status and Prospect (2011-2021)
- 1.5 Global Market Size (Value) of Geothermal Heat Pump(2011-2021)

2 GLOBAL GEOTHERMAL HEAT PUMP MARKET COMPETITION BY MANUFACTURERS

- 2.1 Global Geothermal Heat Pump Capacity, Production and Share by Manufacturers (2015 and 2016)
- 2.2 Global Geothermal Heat PumpRevenue and Share by Manufacturers (2015 and 2016)
- 2.3 Global Geothermal Heat PumpAverage Price by Manufacturers (2015 and 2016)



- 2.4 Manufacturers Geothermal Heat PumpManufacturing Base Distribution, Sales Area, Product Types
- 2.5 Geothermal Heat Pump Market Competitive Situation and Trends
 - 2.5.1 Geothermal Heat Pump Market Concentration Rate
 - 2.5.2 Geothermal Heat Pump Market Share of Top 3 and Top 5 Manufacturers
 - 2.5.3 Mergers & Acquisitions, Expansion

3 GLOBAL GEOTHERMAL HEAT PUMP CAPACITY, PRODUCTION, REVENUE (VALUE) BY REGIONS (2011-2016)

- 3.1 Global Geothermal Heat Pump Capacity and Market Share by Regions (2011-2016)
- 3.2 Global Geothermal Heat Pump Production and Market Share by Regions (2011-2016)
- 3.3 Global Geothermal Heat PumpRevenue (Value) and Market Share by Regions (2011-2016)
- 3.4 Global Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
- 3.5North America Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
- 3.6 Europe Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
- 3.7 China Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
- 3.8 Japan Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
- 3.9 Taiwan Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
- 3.10 India Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
- 3.11 Row Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

4 GLOBAL GEOTHERMAL HEAT PUMPSUPPLY (PRODUCTION), CONSUMPTION, EXPORT, IMPORT BY REGIONS (2011-2016)

- 4.1 Global Geothermal Heat PumpConsumption by Regions (2011-2016)
- 4.2North America Geothermal Heat Pump Production, Consumption, Export, Import by Regions (2011-2016)
- 4.3 Europe Geothermal Heat Pump Production, Consumption, Export, Import by



Regions (2011-2016)

- 4.4 China Geothermal Heat Pump Production, Consumption, Export, Import by Regions (2011-2016)
- 4.5 Japan Geothermal Heat Pump Production, Consumption, Export, Import by Regions (2011-2016)
- 4.6 Taiwan Geothermal Heat Pump Production, Consumption, Export, Import by Regions (2011-2016)
- 4.7 India Geothermal Heat Pump Production, Consumption, Export, Import by Regions (2011-2016)
- 4.8 Row Geothermal Heat Pump Production, Consumption, Export, Import by Regions (2011-2016)

5 GLOBAL GEOTHERMAL HEAT PUMP PRODUCTION, REVENUE (VALUE), PRICE TREND BY TYPES

- 5.1 Global Geothermal Heat Pump Production and Market Share by Types (2011-2016)
- 5.2 Global Geothermal Heat PumpRevenue and Market Share by Types (2011-2016)
- 5.3 Global Geothermal Heat PumpPrice by Type (2011-2016)
- 5.4 Global Geothermal Heat Pump Production Growth by Type (2011-2016)

6 GLOBAL GEOTHERMAL HEAT PUMP MARKET ANALYSIS BY APPLICATIONS

- 6.1 Global Geothermal Heat PumpConsumption and Market Share by Applications (2011-2016)
- 6.2 Global Geothermal Heat PumpConsumption Growth Rate by Applications (2011-2016)
- 6.3 Market Drivers and Opportunities
 - 6.3.1 Potential Applications
 - 6.3.2 Emerging Markets/Countries

7 GLOBAL GEOTHERMAL HEAT PUMP MANUFACTURERS PROFILES/ANALYSIS

- 7.1 American Standard
- 7.1.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
 - 7.1.2 Geothermal Heat Pump Product Types, Application and Specification
 - 7.1.2.1 Type one
 - 7.1.2.2 Type two
 - 7.1.3 American Standard Geothermal Heat Pump Capacity, Production, Revenue,



Price and Gross Margin (2015 and 2016)

7.2 Bard

7.2.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.2.2 Geothermal Heat Pump Product Types, Application and Specification

7.2.2.1 Type one

7.2.2.2 Type two

7.2.3 Bard Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

7.3 Bryant

7.3.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.3.2 Geothermal Heat Pump Product Types, Application and Specification

7.3.2.1 Type one

7.3.2.2 Type two

7.3.3 Bryant Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

7.4 Carrier

7.4.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.4.2 Geothermal Heat Pump Product Types, Application and Specification

7.4.2.1 Type one

7.4.2.2 Type two

7.4.3 Carrier Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

7.5 Climate Master

7.5.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.5.2 Geothermal Heat Pump Product Types, Application and Specification

7.5.2.1 Type one

7.5.2.2 Type two

7.5.3 Climate Master Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

7.6 Daiken

7.6.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.6.2 Geothermal Heat Pump Product Types, Application and Specification

7.6.2.1 Type one

7.6.2.2 Type two



- 7.6.3 Daiken Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
- 7.7 Earth to Air
- 7.7.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
 - 7.7.2 Geothermal Heat Pump Product Types, Application and Specification
 - 7.7.2.1 Type one
 - 7.7.2.2 Type two
- 7.7.3 Earth to Air Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
- 7.8 EarthLinked
- 7.8.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
 - 7.8.2 Geothermal Heat Pump Product Types, Application and Specification
 - 7.8.2.1 Type one
 - 7.8.2.2 Type two
- 7.8.3 EarthLinked Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
- 7.9 Energy Star
- 7.9.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
 - 7.9.2 Geothermal Heat Pump Product Types, Application and Specification
 - 7.9.2.1 Type one
 - 7.9.2.2 Type two
- 7.9.3 Energy Star Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
- 7.10 Florida Heat Pump
- 7.10.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
 - 7.10.2 Geothermal Heat Pump Product Types, Application and Specification
 - 7.10.2.1 Type one
 - 7.10.2.2 Type two
- 7.10.3 Florida Heat Pump Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
- 7.11 GeoComfort
- 7.12 GeoCool
- 7.13 GeoSmart
- 7.14 Goodman
- 7.15 HydroHeat



- 7.16 Hydron Module
- 7.17 Rheem
- 7.18 Tetco
- 7.19 Water Furnace

8 GEOTHERMAL HEAT PUMPMANUFACTURING COST ANALYSIS

- 8.1 Geothermal Heat PumpKey Raw Materials Analysis
 - 8.1.1 Key Raw Materials
 - 8.1.2 Price Trend of Key Raw Materials
 - 8.1.3 Key Suppliers of Raw Materials
 - 8.1.4 Market Concentration Rate of Raw Materials
- 8.2 Proportion of Manufacturing Cost Structure
 - 8.2.1 Raw Materials
 - 8.2.2 Labor Cost
 - 8.2.3 Manufacturing Expenses
- 8.3 Manufacturing Process Analysis of Geothermal Heat Pump

9 HYDRONIC RADIANT FLOOR CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 9.1 Geothermal Heat PumpHydronic radiant floor Chain Analysis
- 9.2 Upstream Raw Materials Sourcing
- 9.3 Raw Materials Sources of Geothermal Heat PumpMajor Manufacturers in 2015
- 9.4 Downstream Buyers

10 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

- 10.1 Marketing Channel
 - 10.1.1 Direct Marketing
 - 10.1.2 Indirect Marketing
 - 10.1.3 Marketing Channel Development Trend
- 10.2 Market Positioning
 - 10.2.1 Pricing Strategy
 - 10.2.2 Brand Strategy
 - 10.2.3 Target Client
- 10.3 Distributors/Traders List

11 MARKET EFFECT FACTORS ANALYSIS



- 11.1 Technology Progress/Risk
 - 11.1.1 Substitutes Threat
 - 11.1.2 Technology Progress in Related Industry
- 11.2 Consumer Needs/Customer Preference Change
- 11.3 Economic/Political Environmental Change

12 GLOBAL GEOTHERMAL HEAT PUMP MARKET FORECAST (2016-2021)

- 12.1 Global Geothermal Heat Pump Capacity, Production, Revenue Forecast (2016-2021)
- 12.2 Global Geothermal Heat Pump Production, Consumption Forecast by Regions (2016-2021)
- 12.3 Global Geothermal Heat Pump Production Forecast by Type (2016-2021)
- 12.4 Global Geothermal Heat PumpConsumption Forecast by Application (2016-2021)
- 12.5 Geothermal Heat PumpPrice Forecast (2016-2021)

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

Author List
Disclosure Section
Research Methodology
Data Source
Disclaimer

The report requires updating with new data and is sent in 2-3 business days after order is placed.



List Of Tables

LIST OF TABLES AND FIGURES

Figure Picture of Geothermal Heat Pump

Figure Global Production Market Share of Geothermal Heat Pump by Types in 2015

Table Classification of Geothermal Heat Pump

Figure Product Picture of Closed Pipe System

Table Major Manufacturers of Closed Pipe System

Figure Product Picture of Open Loop System

Table Major Manufacturers of Open Loop System

Figure Product Picture of Pond or Lake System

Table Major Manufacturers of Pond or Lake System

Figure Product Picture of Hybrid System

Table Major Manufacturers of Hybrid System

Figure Product Picture of Direct Exchange

Table Major Manufacturers of Direct Exchange

Table Geothermal Heat PumpConsumption Market Share by Applications in 2015

Table Applications of Geothermal Heat Pump

Figure Air heating Examples

Figure Hydronic radiant floor Examples

Figure Domestic hot water Examples

Figure Pool water heating Examples

Figure Dual fuel systems Examples

FigureNorth America Geothermal Heat PumpRevenue (Million USD) and Growth Rate (2011-2021)

Figure China Geothermal Heat PumpRevenue (Million USD) and Growth Rate (2011-2021)

Figure Europe Geothermal Heat PumpRevenue (Million USD) and Growth Rate (2011-2021)

Figure Japan Geothermal Heat PumpRevenue (Million USD) and Growth Rate (2011-2021)

Figure Taiwan Geothermal Heat PumpRevenue (Million USD) and Growth Rate (2011-2021)

Figure India Geothermal Heat PumpRevenue (Million USD) and Growth Rate (2011-2021)

Figure Row Geothermal Heat PumpRevenue (Million USD) and Growth Rate (2011-2021)

Figure Global Geothermal Heat PumpRevenue (Million USD) and Growth Rate



(2011-2021)

Table Global Geothermal Heat Pump Capacity of Key Manufacturers (2015 and 2016) Table Global Geothermal Heat Pump Capacity Market Share of Key Manufacturers (2015 and 2016)

Figure Global Geothermal Heat Pump Capacity of Key Manufacturers in 2015
Figure Global Geothermal Heat Pump Capacity of Key Manufacturers in 2016
Table Global Geothermal Heat Pump Production of Key Manufacturers (2015 and 2016)
Table Global Geothermal Heat Pump Production Share by Manufacturers (2015 and 2016)

Figure 2015 Geothermal Heat Pump Production Share by Manufacturers
Figure 2016 Geothermal Heat Pump Production Share by Manufacturers
Table Global Geothermal Heat PumpRevenue (Million USD) by Manufacturers (2015 and 2016)

Table Global Geothermal Heat PumpRevenue Share by Manufacturers (2015 and 2016)

Table 2015 Global Geothermal Heat PumpRevenue Share by Manufacturers
Table 2016 Global Geothermal Heat PumpRevenue Share by Manufacturers
Table Global Market Geothermal Heat PumpAverage Price of Key Manufacturers (2015 and 2016)

Figure Global Market Geothermal Heat PumpAverage Price of Key Manufacturers in 2015

Table Manufacturers Geothermal Heat PumpManufacturing Base Distribution and Sales Area

Table Manufacturers Geothermal Heat Pump Product Types

Figure Geothermal Heat Pump Market Share of Top 3 Manufacturers

Figure Geothermal Heat Pump Market Share of Top 5 Manufacturers

Table Global Geothermal Heat Pump Capacity by Regions (2011-2016)

Figure Global Geothermal Heat Pump Capacity Market Share by Regions (2011-2016)

Figure Global Geothermal Heat Pump Capacity Market Share by Regions (2011-2016)

Figure 2015 Global Geothermal Heat Pump Capacity Market Share by Regions

Table Global Geothermal Heat Pump Production by Regions (2011-2016)

Figure Global Geothermal Heat Pump Production and Market Share by Regions (2011-2016)

Figure Global Geothermal Heat Pump Production Market Share by Regions (2011-2016)

Figure 2015 Global Geothermal Heat Pump Production Market Share by Regions

Table Global Geothermal Heat PumpRevenue by Regions (2011-2016)

Table Global Geothermal Heat PumpRevenue Market Share by Regions (2011-2016)

Table 2015 Global Geothermal Heat PumpRevenue Market Share by Regions



Table Global Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

TableNorth America Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table Europe Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table China Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table Japan Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table Taiwan Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table India Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table Row Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table Global Geothermal Heat PumpConsumption Market by Regions (2011-2016) Table Global Geothermal Heat PumpConsumption Market Share by Regions (2011-2016)

Figure Global Geothermal Heat PumpConsumption Market Share by Regions (2011-2016)

Figure 2015 Global Geothermal Heat PumpConsumption Market Share by Regions TableNorth America Geothermal Heat Pump Production, Consumption, Import & Export (2011-2016)

Table Europe Geothermal Heat Pump Production, Consumption, Import & Export (2011-2016)

Table China Geothermal Heat Pump Production, Consumption, Import & Export (2011-2016)

Table Japan Geothermal Heat Pump Production, Consumption, Import & Export (2011-2016)

Table Taiwan Geothermal Heat Pump Production, Consumption, Import & Export (2011-2016)

Table India Geothermal Heat Pump Production, Consumption, Import & Export (2011-2016)

Table Row Geothermal Heat Pump Production, Consumption, Import & Export (2011-2016)

Table Global Geothermal Heat Pump Production by Types (2011-2016)

Table Global Geothermal Heat Pump Production Share by Types (2011-2016)

Figure Production Market Share of Geothermal Heat Pump by Types (2011-2016)



Figure 2015 Production Market Share of Geothermal Heat Pump by Types

Table Global Geothermal Heat PumpRevenue by Types (2011-2016)

Table Global Geothermal Heat PumpRevenue Share by Types (2011-2016)

Figure Production Revenue Share of Geothermal Heat Pump by Types (2011-2016)

Figure 2015 Revenue Market Share of Geothermal Heat Pump by Types

Table Global Geothermal Heat PumpPrice by Types (2011-2016)

Figure Global Geothermal Heat Pump Production Growth by Type (2011-2016)

Table Global Geothermal Heat PumpConsumption by Applications (2011-2016)

Table Global Geothermal Heat PumpConsumption Market Share by Applications (2011-2016)

Figure Global Geothermal Heat PumpConsumption Market Share by Applications in 2015

Table Global Geothermal Heat PumpConsumption Growth Rate by Applications (2011-2016)

Figure Global Geothermal Heat PumpConsumption Growth Rate by Applications (2011-2016)

Table American Standard Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table American Standard Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

Figure American Standard Geothermal Heat Pump Market Share (2015 and 2016)
Table Bard Basic Information, Manufacturing Base, Sales Area and Its Competitors
Table Bard Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross

Figure Bard Geothermal Heat Pump Market Share (2015 and 2016)

Table Bryant Basic Information, Manufacturing Base, Sales Area and Its Competitors Table Bryant Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Figure BryantGeothermal Heat Pump Market Share (2015 and 2016)

Table Carrier Basic Information, Manufacturing Base, Sales Area and Its Competitors Table Carrier Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Figure Carrier Geothermal Heat Pump Market Share (2015 and 2016)

Table Climate Master Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Climate Master Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Figure Climate Master Geothermal Heat Pump Market Share (2015 and 2016)

Table Daiken Basic Information, Manufacturing Base, Sales Area and Its Competitors

Margin (2011-2016)



Table Daiken Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

Figure Daiken Geothermal Heat Pump Market Share (2015 and 2016)

Table Earth to Air Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Earth to Air Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

Figure Earth to Air Geothermal Heat Pump Market Share (2015 and 2016)

Table EarthLinked Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table EarthLinked Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Figure EarthLinked Geothermal Heat Pump Market Share (2015 and 2016)

Table Energy Star Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Energy Star Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)

Figure Energy Star Geothermal Heat Pump Market Share (2015 and 2016)

Table Florida Heat Pump Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Florida Heat Pump Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Figure Florida Heat Pump Geothermal Heat Pump Market Share (2015 and 2016)

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Geothermal Heat Pump

Figure Manufacturing Process Analysis of Geothermal Heat Pump

Figure Geothermal Heat PumpHydronic radiant floor Chain Analysis

Table Raw Materials Sources of Geothermal Heat PumpMajor Manufacturers in 2015

Table Major Buyers of Geothermal Heat Pump

Table Distributors/Traders List

Figure Global Geothermal Heat Pump Capacity, Production and Growth Rate Forecast (2016-2021)

Figure Global Geothermal Heat PumpRevenue and Growth Rate Forecast (2016-2021)

Table Global Geothermal Heat Pump Production Forecast by Regions (2016-2021)

Table Global Geothermal Heat PumpConsumption Forecast by Regions (2016-2021)

Table Global Geothermal Heat Pump Production Forecast by Type (2016-2021)

Table Global Geothermal Heat PumpConsumption Forecast by Application (2016-2021)



- 1 Geothermal Heat Pump Market Overview
- 1.1 Product Overview and Scope of Geothermal Heat Pump

A geothermal heat pump is a central heating and/or cooling system that transfers heat to or from the ground. It uses the earth as a heat source (in the winter) or a heat sink (in the summer). This design takes advantage of the moderate temperatures in the ground to boost efficiency and reduce the operational costs of heating and cooling systems, and may be combined with solar heating to form a geosolar system with even greater efficiency.

Figure Picture of Geothermal Heat Pump

Source: QYR Energy Research Center, Dec. 2016

- 1.2 Geothermal Heat Pump Segment by Types
- 1.2.1 Global Production Market Share of Geothermal Heat Pump by Types in 2015 Figure Global Production Market Share of Geothermal Heat Pump by Types in 2015

Source: QYR Energy Research Center, Dec. 2016

Table Classification of Geothermal Heat Pump

Types
Feature
Description

1 2

3

Source: QYR Energy Research Center, Dec. 2016

1.2.2 Closed Pipe System

Figure Product Picture of Closed Pipe System

Source: QYR Energy Research Center, Dec. 2016

Table Major Manufacturers of Closed Pipe System

Manufacturers

Location of Manufacturing Bases/Factories

2

1

2

Source: Above Companies; QYR Energy Research Center, Dec. 2016

1.2.3 Open Loop System

Figure Product Picture of Open Loop System

Source: QYR Energy Research Center, Dec. 2016

Table Major Manufacturers of Open Loop System

Manufacturers

Location of Manufacturing Bases/Factories



```
1
2
3
?
Source: Above Companies; QYR Energy Research Center, Dec. 2016
 1.2.4 Pond or Lake System
Figure Product Picture of Pond or Lake System
Source: QYR Energy Research Center, Dec. 2016
Table Major Manufacturers of Pond or Lake System
Manufacturers
Location of Manufacturing Bases/Factories
1
2
3
?
Source: Above Companies; QYR Energy Research Center, Dec. 2016
 1.2.5 Hybrid System
Figure Product Picture of Hybrid System
Source: QYR Energy Research Center, Dec. 2016
Table Major Manufacturers of Hybrid System
Manufacturers
Location of Manufacturing Bases/Factories
1
2
3
Source: Above Companies; QYR Energy Research Center, Dec. 2016
 1.2.6 Direct Exchange
Figure Product Picture of Direct Exchange
Source: QYR Energy Research Center, Dec. 2016
Table Major Manufacturers of Direct Exchange
Manufacturers
Location of Manufacturing Bases/Factories
1
2
3
Source: Above Companies; QYR Energy Research Center, Dec. 2016
1.3 Geothermal Heat Pump Segment by Applications
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1.3.1 Geothermal Heat PumpConsumption Market Share by Applications in 2015

Table Geothermal Heat PumpConsumption Market Share by Applications in 2015

Source: QYR Energy Research Center, Dec. 2016

Table Applications of Geothermal Heat Pump

Applications

Feature

Description

1

2

3

Source: QYR Energy Research Center, Dec. 2016

1.3.2 Air heating

Air heating

Figure Air heating Examples

Source: QYR Energy Research Center, Dec. 2016

1.3.3 Hydronic radiant floor

Hydronic radiant floor

Figure Hydronic radiant floor Examples

Source: QYR Energy Research Center, Dec. 2016

1.3.4 Domestic hot water

Domestic hot water

Figure Domestic hot water Examples

Source: QYR Energy Research Center, Dec. 2016

1.3.5 Pool water heating

Pool water heating

Figure Pool water heating Examples

Source: QYR Energy Research Center, Dec. 2016

1.3.6 Dual fuel systems

Dual fuel systems

Figure Dual fuel systems Examples

Source: QYR Energy Research Center, Dec. 2016

1.4 Geothermal Heat Pump Market by Regions

1.4.1North America Status and Prospect (2011-2021)

FigureNorth America Geothermal Heat PumpRevenue (Million USD) and Growth Rate (2011-2021)

Source: QYR Energy Research Center, Dec. 2016

1.4.2 China Status and Prospect (2011-2021)

Figure China Geothermal Heat PumpRevenue (Million USD) and Growth Rate (2011-2021)



Source: QYR Energy Research Center, Dec. 2016

1.4.3 Europe Status and Prospect (2011-2021)

Figure Europe Geothermal Heat PumpRevenue (Million USD) and Growth Rate (2011-2021)

Source: QYR Energy Research Center, Dec. 2016

1.4.4 Japan Status and Prospect (2011-2021)

Figure Japan Geothermal Heat PumpRevenue (Million USD) and Growth Rate (2011-2021)

Source: QYR Energy Research Center, Dec. 2016

1.4.5 Taiwan Status and Prospect (2011-2021)

Figure Taiwan Geothermal Heat PumpRevenue (Million USD) and Growth Rate (2011-2021)

Source: QYR Energy Research Center, Dec. 2016

1.4.6 India Status and Prospect (2011-2021)

Figure India Geothermal Heat PumpRevenue (Million USD) and Growth Rate (2011-2021)

Source: QYR Energy Research Center, Dec. 2016

1.4.7 Row Status and Prospect (2011-2021)

Figure Row Geothermal Heat PumpRevenue (Million USD) and Growth Rate (2011-2021)

Source: QYR Energy Research Center, Dec. 2016

1.5 Global Market Size (Value) of Geothermal Heat Pump(2011-2021)

Figure Global Geothermal Heat PumpRevenue (Million USD) and Growth Rate (2011-2021)

Source: QYR Energy Research Center, Dec. 2016

2 Global Geothermal Heat Pump Market Competition by Manufacturers

2.1 Global Geothermal Heat Pump Capacity, Production and Share by Manufacturers (2015 and 2016)

Table Global Geothermal Heat Pump Capacity of Key Manufacturers (2015 and 2016) Capacity?

2015

2016

American Standard

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Bard

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Bryant



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?
Carrier
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?
Climate Master
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?
Total
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Source: Above companies; QYR Energy Research Center, Dec. 2016 Table Global Geothermal Heat Pump Capacity Market Share of Key Manufacturers (2015 and 2016)
Capacity?
2015
2016
American Standard
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?
Bard
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? Procent
Bryant
?
?
Carrier
?
?
Climate Master
?
?
??
?
Total
?
?



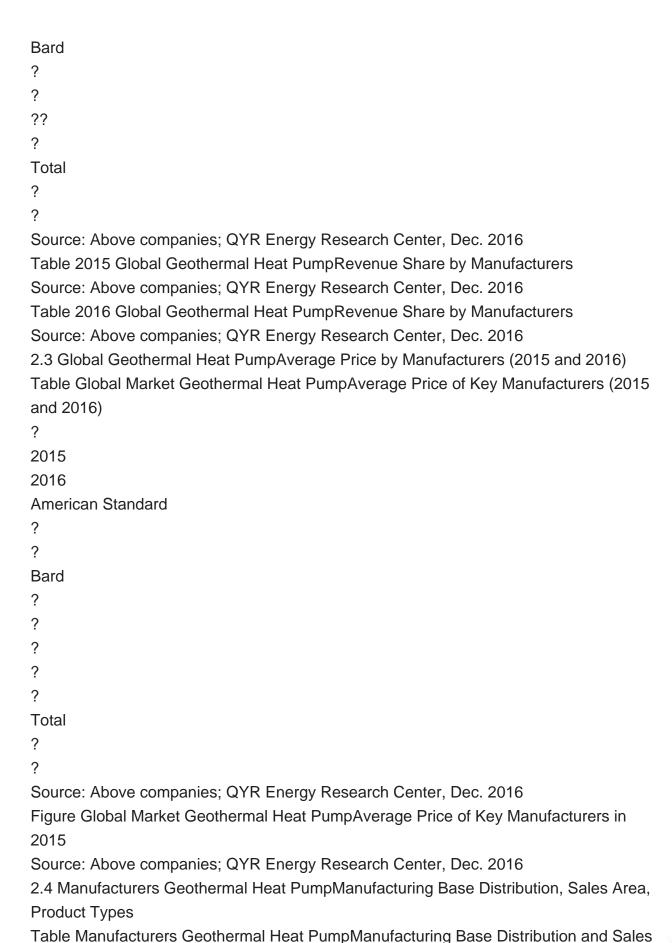
Source: Above companies; QYR Energy Research Center, Dec. 2016 Figure Global Geothermal Heat Pump Capacity of Key Manufacturers in 2015 Source: Above companies; QYR Energy Research Center, Dec. 2016 Figure Global Geothermal Heat Pump Capacity of Key Manufacturers in 2016 Source: Above companies; QYR Energy Research Center, Dec. 2016 Table Global Geothermal Heat Pump Production of Key Manufacturers (2015 and 2016) Production? 2015 2016 American Standard ? ? Bard ? ? **Bryant** ? ? Carrier ? ? Climate Master ? ? ?? ? Total ? ? Source: Above companies; QYR Energy Research Center, Dec. 2016 Table Global Geothermal Heat Pump Production Share by Manufacturers (2015 and 2016) **Production Share** 2015 2016 American Standard ? ?

Bard



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?
Total
?
Source: Above companies; QYR Energy Research Center, Dec. 2016
Figure 2015 Geothermal Heat Pump Production Share by Manufacturers
Source: Above companies; QYR Energy Research Center, Dec. 2016
Figure 2016 Geothermal Heat Pump Production Share by Manufacturers
Source: Above companies; QYR Energy Research Center, Dec. 2016
2.2 Global Geothermal Heat PumpRevenue and Share by Manufacturers (2015 and
2016)
Table Global Geothermal Heat PumpRevenue (Million USD) by Manufacturers (2015
and 2016)
Revenue?
2015
2016
American Standard
?
Bard
?
?
??
Total
?
?
Source: Above companies; QYR Energy Research Center, Dec. 2016
Table Global Geothermal Heat PumpRevenue Share by Manufacturers (2015 and
2016)
Revenue Share?
2015
2016
American Standard
?
?
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Area



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Manufacturing Base Distribution
Sales Area
American Standard
?
Bard
?
?
?
Source: Above companies; QYR Energy Research Center, Dec. 2016
Table Manufacturers Geothermal Heat Pump Product Types
Product Types
American Standard
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Bard
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Source: Above companies; QYR Energy Research Center, Dec. 2016
2.5 Geothermal Heat Pump Market Competitive Situation and Trends?
 2.5.1 Geothermal Heat Pump Market Concentration Rate
 2.5.2 Geothermal Heat Pump Market Share of Top 3 and Top 5 Manufacturers
Figure Geothermal Heat Pump Market Share of Top 3 Manufacturers
Source: Above companies; QYR Energy Research Center, Dec. 2016
Figure Geothermal Heat Pump Market Share of Top 5 Manufacturers
Source: Above companies; QYR Energy Research Center, Dec. 2016
 2.5.3 Mergers & Acquisitions, Expansion
3 Global Geothermal Heat Pump Capacity, Production, Revenue (Value) by Regions
(2011-2016)
3.1 Global Geothermal Heat Pump Capacity and Market Share by Regions (2011-2016)
Table Global Geothermal Heat Pump Capacity by Regions (2011-2016)
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Source: QYR Energy Research Center, Dec. 2016
Figure Global Geothermal Heat Pump Capacity Market Share by Regions (2011-2016)
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Source: QYR Energy Research Center, Dec. 2016 Figure Global Geothermal Heat Pump Capacity Market Share by Regions (2011-2016) Source: QYR Energy Research Center, Dec. 2016 Figure 2015 Global Geothermal Heat Pump Capacity Market Share by Regions Source: QYR Energy Research Center, Dec. 2016 3.2 Global Geothermal Heat Pump Production and Market Share by Regions (2011-2016)Table Global Geothermal Heat Pump Production by Regions (2011-2016) 2011 2012 2013 2014 2015 2016 North America Europe China Japan Taiwan India Row **ROW** Total ? ? ? ? ? ? Source: QYR Energy Research Center, Dec. 2016 Figure Global Geothermal Heat Pump Production and Market Share by Regions (2011-2016)? 2011 2012 2013 2014

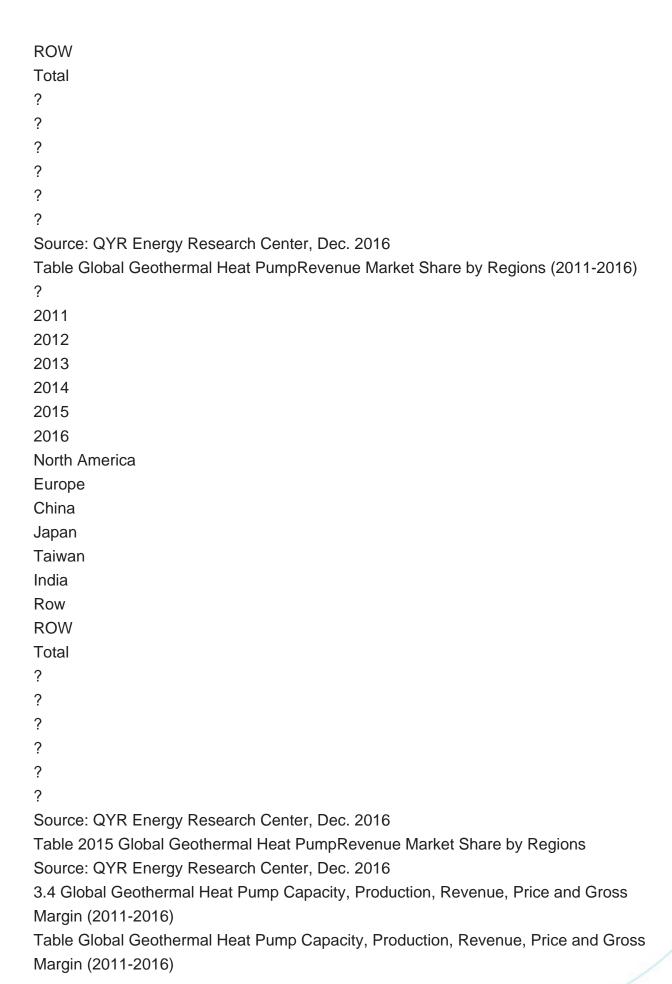
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Source: QYR Energy Research Center, Dec. 2016
Figure Global Geothermal Heat Pump Production Market Share by Regions
(2011-2016)
Source: QYR Energy Research Center, Dec. 2016
Figure 2015 Global Geothermal Heat Pump Production Market Share by Regions
Source: QYR Energy Research Center, Dec. 2016
3.3 Global Geothermal Heat PumpRevenue (Value) and Market Share by Regions
(2011-2016)
Table Global Geothermal Heat PumpRevenue by Regions (2011-2016)
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Source: QYR Energy Research Center, Dec. 2016
3.5North America Geothermal Heat Pump Capacity, Production, Revenue, Price and
Gross Margin (2011-2016)
TableNorth America Geothermal Heat Pump Capacity, Production, Revenue, Price and
Gross Margin (2011-2016)
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Source: QYR Energy Research Center, Dec. 2016
3.6 Europe Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross
Margin (2011-2016)
Table Europe Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross
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Source: QYR Energy Research Center, Dec. 2016
3.7 China Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross
Margin (2011-2016)
Table China Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross
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Source: QYR Energy Research Center, Dec. 2016
3.9 Taiwan Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross
Margin (2011-2016)
Table Taiwan Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross
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Source: QYR Energy Research Center, Dec. 2016
3.10 India Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross Margin (2011-2016)
Table India Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross
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Source: QYR Energy Research Center, Dec. 2016
3.11 Row Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross
Margin (2011-2016)
Table Row Geothermal Heat Pump Capacity, Production, Revenue, Price and Gross
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Source: QYR Energy Research Center, Dec. 2016
4 Global Geothermal Heat PumpSupply (Production), Consumption, Export, Import by
Regions (2011-2016)
4.1 Global Geothermal Heat PumpConsumption by Regions (2011-2016)
Table Global Geothermal Heat PumpConsumption Market by Regions (2011-2016)
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Source: QYR Energy Research Center, Dec. 2016
Table Global Geothermal Heat PumpConsumption Market Share by Regions
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Source: QYR Energy Research Center, Dec. 2016
Figure Global Geothermal Heat PumpConsumption Market Share by Regions
(2011-2016)
Source: QYR Energy Research Center, Dec. 2016
Figure 2015 Global Geothermal Heat PumpConsumption Market Share by Regions
Source: QYR Energy Research Center, Dec. 2016
4.2North America Geothermal Heat Pump Production, Consumption, Export, Import by
Regions (2011-2016)
TableNorth America Geothermal Heat Pump Production, Consumption, Import & Export
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Source: QYR Energy Research Center, Dec. 2016
4.3 Europe Geothermal Heat Pump Production, Consumption, Export, Import by
Regions (2011-2016)
Table Europe Geothermal Heat Pump Production, Consumption, Import & Export
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Source: QYR Energy Research Center, Dec. 2016
4.4 China Geothermal Heat Pump Production, Consumption, Export, Import by Regions
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Table China Geothermal Heat Pump Production, Consumption, Import & Export
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Source: QYR Energy Research Center, Dec. 2016
4.5 Japan Geothermal Heat Pump Production, Consumption, Export, Import by Regions
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Table Japan Geothermal Heat Pump Production, Consumption, Import & Export
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Source: QYR Energy Research Center, Dec. 2016
4.6 Taiwan Geothermal Heat Pump Production, Consumption, Export, Import by
Regions (2011-2016)
Table Taiwan Geothermal Heat Pump Production, Consumption, Import & Export
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Source: QYR Energy Research Center, Dec. 2016
4.7 India Geothermal Heat Pump Production, Consumption, Export, Import by Regions
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Table India Geothermal Heat Pump Production, Consumption, Import & Export
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Source: QYR Energy Research Center, Dec. 2016
4.8 Row Geothermal Heat Pump Production, Consumption, Export, Import by Regions
(2011-2016)
Table Row Geothermal Heat Pump Production, Consumption, Import & Export
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Source: QYR Energy Research Center, Dec. 2016
5 Global Geothermal Heat Pump Production, Revenue (Value), Price Trend by Types
5.1 Global Geothermal Heat Pump Production and Market Share by Types (2011-2016)
Table Global Geothermal Heat Pump Production by Types (2011-2016)
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Open Loop System
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Source: QYR Energy Research Center, Dec. 2016
Table Global Geothermal Heat Pump Production Share by Types (2011-2016)
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Source: QYR Energy Research Center, Dec. 2016
Figure Production Market Share of Geothermal Heat Pump by Types (2011-2016)
Source: QYR Energy Research Center, Dec. 2016
Figure 2015 Production Market Share of Geothermal Heat Pump by Types
Source: QYR Energy Research Center, Dec. 2016
5.2 Global Geothermal Heat PumpRevenue and Market Share by Types (2011-2016)
Table Global Geothermal Heat PumpRevenue by Types (2011-2016)
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Source: QYR Energy Research Center, Dec. 2016
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Table Global Geothermal Heat PumpRevenue Share by Types (2011-2016)



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Source: QYR Energy Research Center, Dec. 2016
Figure Production Revenue Share of Geothermal Heat Pump by Types (2011-2016)
Source: QYR Energy Research Center, Dec. 2016
Figure 2015 Revenue Market Share of Geothermal Heat Pump by Types
Source: QYR Energy Research Center, Dec. 2016
5.3 Global Geothermal Heat PumpPrice by Type (2011-2016)
Table Global Geothermal Heat PumpPrice by Types (2011-2016)
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Closed Pipe System
Open Loop System
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Total
Source: QYR Energy Research Center, Dec. 2016
5.4 Global Geothermal Heat Pump Production Growth by Type (2011-2016)
Figure Global Geothermal Heat Pump Production Growth by Type (2011-2016)
Source: QYR Energy Research Center, Dec. 2016
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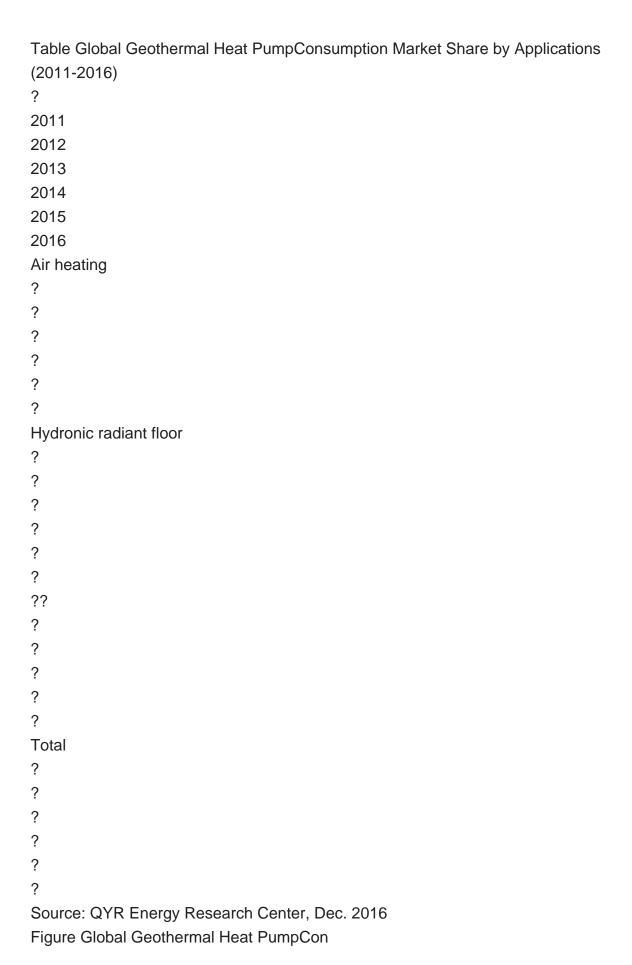


6 Global Geothermal Heat Pump Market Analysis by Applications

6.1 Global Geothermal Heat PumpConsumption and Market Share by Applications (2011-2016) Table Global Geothermal Heat PumpConsumption by Applications (2011-2016) ? 2011 2012 2013 2014 2015 2016 Air heating ? ? ? ? ? ? Hydronic radiant floor ? ? ? ? ? ? ?? ? ? ? ? ? Total ? ? ? ? ?

Source: QYR Energy Research Center, Dec. 2016







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