

Heat Exchangers: Market Research Report

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Abstracts

This report analyzes the worldwide markets for Heat Exchangers in US\$ by the following Product Segments: Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE, & Other PHE), Air Coolers, Cooling Towers, and Other Heat Exchangers. Further, the market is also analyzed by the following End-Use Segments: Chemicals Industry, Oil & Gas Industry, HVAC and Refrigeration, Food and Beverage, Power Generation, and Others. The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Latin America, and Rest of World.

Annual estimates and forecasts are provided for the period 2016 through 2024.

Also, a five-year historic analysis is provided for these markets.

Market data and analytics are derived from primary and secondary research. Company profiles are primarily based on public domain information including company URLs.

The report profiles 424 companies including many key and niche players such as -

Air Products and Chemicals, Inc.

Alfa Laval AB

API Heat Transfer

Balcke-Dürr GmbH

Barriquand Technologies Thermiques

Danfoss

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3. PRODUCT OVERVIEW

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Concept of Heat Transfer

Cutting Edge Equipment Design Innovations by Lummus Technology, a CB&I Company

Helixchanger

Helixchanger – Product Description

Helitower

Helifin

Twisted Tube type S&T: An advanced shell-and-tube design by Koch Heat Transfer Co, LP

Advantages of Twisted Tube Type S&T

Higher Thermal & Hydraulic Performance

Higher Thermal Effectiveness

Lower Fouling & Cleanability

Elimination of Vibration

Product Groups

Direct Contact Exchangers

Regenerators

Recuperators

Product Types

Shell and Tube Heat Exchangers

U-Tube Heat Exchangers

Straight Tube Heat Exchangers

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API Heat Transfer (USA)

Balcke-Durr GmbH (Germany)

Barriquand Technologies Thermiques (France)

Danfoss (Denmark)

Doosan Corporation (South Korea)

Enerquip, Inc. (USA)

FUNKE WARMEAUSTAUSCHER APPARATEBAU GMB (Germany)

Guntner U. S. LLC (USA)

Hamon Group (Belgium)

Harsco Industrial Air-X-Changers (USA)

Hisaka Works, Ltd (Japan)

HRS Heat Exchangers Ltd (UK)

Johnson Controls (Ireland)

Kelvion (Germany)

Koch Heat Transfer Company (USA)

McDermott

Mersen (USA)

SmartHeat Inc. (USA)

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SWEP Launches New B320 Compact Brazed Plate Heat Exchanger

SPX Cooling Technologies Showcases Marley NC Everest Crossflow Cooling Tower

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CoolIT Expands Rack DCLC Product Line with AHx2 Heat Exchange Module

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Enerquip Introduces New Line of Compact Heat Exchangers

Kelvion Launches ProEquip Tube Heat Exchanger

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Agro Expands Range of Clima+ Heat Exchangers

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Table 78. US Recent Past, Current & Future Analysis for Heat Exchangers by Product Group Segment - Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 79. US Historic Review for Heat Exchangers by Product Group Segment - Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 80. US 14-Year Perspective for Heat Exchangers by Product Group Segment - Percentage Breakdown of Dollar Sales for Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets for Years 2011, 2018 and 2024 (includes corresponding Graph/Chart)

Table 81. US Recent Past, Current & Future Analysis for Heat Exchangers by End-Use Segment - Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 82. US Historic Review for Heat Exchangers by End-Use Segment - Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 83. US 14-Year Perspective for Heat Exchangers by End-Use Segment - Percentage Breakdown of Dollar Sales for Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets for Years 2011, 2018 and 2024 (includes corresponding Graph/Chart)

8.2 Canada Market Analysis

Table 84. Canadian Recent Past, Current & Future Analysis for Heat Exchangers by Product Group Segment - Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

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Table 87. Canadian Recent Past, Current & Future Analysis for Heat Exchangers by End-Use Segment - Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

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8.3 Japan Market Analysis

Table 90. Japanese Recent Past, Current & Future Analysis for Heat Exchangers by Product Group Segment - Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

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Table 93. Japanese Recent Past, Current & Future Analysis for Heat Exchangers by End-Use Segment - Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 94. Japanese Historic Review for Heat Exchangers by End-Use Segment - Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 95. Japanese 14-Year Perspective for Heat Exchangers by End-Use Segment - Percentage Breakdown of Dollar Sales for Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets for Years 2011, 2018 and 2024 (includes corresponding Graph/Chart)

8.4 Europe

A. Market Analysis

Outlook

Market Analysis by Product Segment

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Market Accelerators

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Plate Heat Exchangers

Air Coolers

Cooling Towers

Analysis by End-Use Segment

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A Case of Ethylene

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Table 101. European 14-Year Perspective for Heat Exchangers by Product Group Segment - Percentage Breakdown of Dollar Sales for Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets for Years 2011, 2018 and 2024 (includes corresponding Graph/Chart)

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8.4.1 France Market Analysis

Table 105. French Recent Past, Current & Future Analysis for Heat Exchangers by Product Group Segment - Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets Independently Analyzed with Annual Sales

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Table 107. French 14-Year Perspective for Heat Exchangers by Product Group Segment - Percentage Breakdown of Dollar Sales for Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets for Years 2011, 2018 and 2024 (includes corresponding Graph/Chart)

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Table 111. German Recent Past, Current & Future Analysis for Heat Exchangers by Product Group Segment - Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets Independently Analyzed with Annual Sales

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Table 113. German 14-Year Perspective for Heat Exchangers by Product Group Segment - Percentage Breakdown of Dollar Sales for Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets for Years 2011, 2018 and 2024 (includes corresponding Graph/Chart)

Table 114. German Recent Past, Current & Future Analysis for Heat Exchangers by End-Use Segment - Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

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Table 116. German 14-Year Perspective for Heat Exchangers by End-Use Segment - Percentage Breakdown of Dollar Sales for Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets for Years 2011, 2018 and 2024 (includes corresponding Graph/Chart)

8.4.3 Italy Market Analysis

Table 117. Italian Recent Past, Current & Future Analysis for Heat Exchangers by Product Group Segment - Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets Independently Analyzed with Annual Sales

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Table 118. Italian Historic Review for Heat Exchangers by Product Group Segment - Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

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Table 120. Italian Recent Past, Current & Future Analysis for Heat Exchangers by End-Use Segment - Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

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8.4.4 The United Kingdom Market Analysis

Table 123. UK Recent Past, Current & Future Analysis for Heat Exchangers by Product Group Segment - Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets Independently Analyzed with Annual Sales in US\$

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Table 126. UK Recent Past, Current & Future Analysis for Heat Exchangers by End-Use Segment - Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 127. UK Historic Review for Heat Exchangers by End-Use Segment - Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 128. UK 14-Year Perspective for Heat Exchangers by End-Use Segment - Percentage Breakdown of Dollar Sales for Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets for Years 2011, 2018 and 2024 (includes corresponding Graph/Chart)

8.4.5 Spain

Market Analysis

Table 129. Spanish Recent Past, Current & Future Analysis for Heat Exchangers by Product Group Segment - Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

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Table 132. Spanish Recent Past, Current & Future Analysis for Heat Exchangers by End-Use Segment - Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 133. Spanish Historic Review for Heat Exchangers by End-Use Segment - Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 134. Spanish 14-Year Perspective for Heat Exchangers by End-Use Segment - Percentage Breakdown of Dollar Sales for Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets for Years 2011, 2018 and 2024 (includes corresponding Graph/Chart)

8.4.6 Russia Market Analysis

Table 135. Russian Recent Past, Current & Future Analysis for Heat Exchangers by Product Group Segment - Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

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Table 137. Russian 14-Year Perspective for Heat Exchangers by Product Group Segment - Percentage Breakdown of Dollar Sales for Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets for Years 2011, 2018 and 2024 (includes corresponding Graph/Chart)

Table 138. Russian Recent Past, Current & Future Analysis for Heat Exchangers by End-Use Segment - Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

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8.4.7 Rest of Europe Market Analysis

Table 141. Rest of Europe Recent Past, Current & Future Analysis for Heat Exchangers by Product Group Segment - Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

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Table 145. Rest of Europe Historic Review for Heat Exchangers by End-Use Segment - Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

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8.5 Asia-Pacific Market Analysis

Table 147. Asia-Pacific Recent Past, Current & Future Analysis for Heat Exchangers by Geographic Region - China and Rest of Asia-Pacific Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

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Table 151. Asia-Pacific Historic Review for Heat Exchangers by Product Group Segment - Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 152. Asia-Pacific 14-Year Perspective for Heat Exchangers by Product Group Segment - Percentage Breakdown of Dollar Sales for Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets for Years 2011, 2018 and 2024 (includes corresponding Graph/Chart)

Table 153. Asia-Pacific Recent Past, Current & Future Analysis for Heat Exchangers by End-Use Segment - Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 154. Asia-Pacific Historic Review for Heat Exchangers by End-Use Segment - Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

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8.5.1 China

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Governmental Initiatives to Drive Growth

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Table 156. Chinese Recent Past, Current & Future Analysis for Heat Exchangers by Product Group Segment - Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 157. Chinese Historic Review for Heat Exchangers by Product Group Segment - Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 158. Chinese 14-Year Perspective for Heat Exchangers by Product Group Segment - Percentage Breakdown of Dollar Sales for Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets for Years 2011, 2018 and 2024 (includes corresponding Graph/Chart)

Table 159. Chinese Recent Past, Current & Future Analysis for Heat Exchangers by End-Use Segment - Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 160. Chinese Historic Review for Heat Exchangers by End-Use Segment - Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets Independently Analyzed with Annual

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Table 161. Chinese 14-Year Perspective for Heat Exchangers by End-Use Segment - Percentage Breakdown of Dollar Sales for Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets for Years 2011, 2018 and 2024 (includes corresponding Graph/Chart)

8.5.2 Rest of Asia-Pacific Market Analysis

Table 162. Rest of Asia-Pacific Recent Past, Current & Future Analysis for Heat Exchangers by Product Group Segment - Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 163. Rest of Asia-Pacific Historic Review for Heat Exchangers by Product Group Segment - Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 164. Rest of Asia-Pacific 14-Year Perspective for Heat Exchangers by Product Group Segment - Percentage Breakdown of Dollar Sales for Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets for Years 2011, 2018 and 2024 (includes corresponding Graph/Chart)

Table 165. Rest of Asia-Pacific Recent Past, Current & Future Analysis for Heat Exchangers by End-Use Segment - Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 166. Rest of Asia-Pacific Historic Review for Heat Exchangers by End-Use Segment - Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and

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Table 167. Rest of Asia-Pacific 14-Year Perspective for Heat Exchangers by End-Use Segment - Percentage Breakdown of Dollar Sales for Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets for Years 2011, 2018 and 2024 (includes corresponding Graph/Chart)

8.6 Latin America Market Analysis

Table 168. Latin American Recent Past, Current & Future Analysis for Heat Exchangers by Product Group Segment - Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 169. Latin American Historic Review for Heat Exchangers by Product Group Segment - Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 170. Latin American 14-Year Perspective for Heat Exchangers by Product Group Segment - Percentage Breakdown of Dollar Sales for Shell and Tube Heat Exchangers, Plate Heat Exchangers (Gasketed PHE, Welded PHE, Brazed PHE and Other PHE), Air Coolers, Cooling Towers and Other Heat Exchangers Markets for Years 2011, 2018 and 2024 (includes corresponding Graph/Chart)

Table 171. Latin American Recent Past, Current & Future Analysis for Heat Exchangers by End-Use Segment - Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 172. Latin American Historic Review for Heat Exchangers by End-Use Segment - Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power

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Table 173. Latin American 14-Year Perspective for Heat Exchangers by End-Use Segment - Percentage Breakdown of Dollar Sales for Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets for Years 2011, 2018 and 2024 (includes corresponding Graph/Chart)

8.7 Rest of World Market Analysis

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Table 177. Rest of World Recent Past, Current & Future Analysis for Heat Exchangers by End-Use Segment - Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

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Table 179. Rest of World 14-Year Perspective for Heat Exchangers by End-Use Segment - Percentage Breakdown of Dollar Sales for Chemicals Industry, Oil & Gas, HVAC and Refrigeration, Food and Beverage, Power Generation and Other End-Use Sectors Markets for Years 2011, 2018 and 2024 (includes corresponding Graph/Chart)

9. COMPANY PROFILES

Total Companies Profiled: 424 (including Divisions/Subsidiaries - 475)

The United States (110)

Canada (12)

Japan (7)

Europe (259)

France (12)

Germany (52)

The United Kingdom (42)

Italy (47)

Spain (6)

Rest of Europe (100)

Asia-Pacific (Excluding Japan) (74)

Middle East (12)

Africa (1)

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