


# **EPTAMETIC FRASCOLD R407F**

## **ENERGY EFFICIENCY DATA SHEETS**

*Values of COP and SEPR in conformity  
to the rule UE2015/1095 of May 5<sup>th</sup> 2015*

N° DOC. Im000100  
REV. "00" - 01.07.17

TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WITH THE APPROVED ORIGINAL		
PRODUCT	<b>EPTAMETIC BITZER R407F</b>	ORD.	DATE	ORD.	DATE			
N° DOC.		<b>A</b>		<b>D</b>			FIRST ISSUE	<b>01.07.17</b>
N° CHAP.		<b>B</b>		<b>E</b>			ISSUE	<b>MKTG</b>
		<b>C</b>		<b>F</b>				

Model	<b>EPTAMETIC- GN18 FRASCOLD</b>
Refrigerating Fluid	<b>R407F</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-35°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>1,30</b>	kW
Nominal absorbed power	<i>DA</i>	<b>1,02</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>1,27</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>1,47</b>	kW
Nominal absorbed power	<i>DB</i>	<b>1,02</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>1,45</b>	


<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>x</b>	kW
Nominal absorbed power	<i>DC</i>	<b>x</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>x</b>	kW
Nominal absorbed power	<i>DA</i>	<b>x</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>1,03</b>	kW
Nominal absorbed power	<i>D3</i>	<b>1,03</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>1,00</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WITH THE APPROVED ORIGINAL		
PRODUCT	<b>EPTAMETIC BITZER R407F</b>	ORD.	DATE	ORD.	DATE			
N° DOC.		<b>A</b>		<b>D</b>			FIRST ISSUE	<b>01.07.17</b>
N° CHAP.		<b>B</b>		<b>E</b>			ISSUE	<b>MKTG</b>
		<b>C</b>		<b>F</b>				

Model	<b>EPTAMETIC- GN28 FRASCOLD</b>
Refrigerating Fluid	<b>R407F</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-35°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>1,74</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>2,07</b>	kW
Nominal absorbed power	<i>DA</i>	<b>1,57</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>1,32</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>2,39</b>	kW
Nominal absorbed power	<i>DB</i>	<b>1,57</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>1,52</b>	


<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>2,84</b>	kW
Nominal absorbed power	<i>DC</i>	<b>1,53</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>1,85</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>3,01</b>	kW
Nominal absorbed power	<i>DA</i>	<b>1,51</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>1,99</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>1,58</b>	kW
Nominal absorbed power	<i>D3</i>	<b>1,53</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>1,03</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WITH THE APPROVED ORIGINAL		
PRODUCT	<b>EPTAMETIC BITZER R407F</b>	ORD.	DATE	ORD.	DATE			
N° DOC.		<b>A</b>		<b>D</b>			FIRST ISSUE	<b>01.07.17</b>
N° CHAP.		<b>B</b>		<b>E</b>			ISSUE	<b>MKTG</b>
		<b>C</b>		<b>F</b>				

Model	<b>EPTAMETIC- GN40 FRASCOLD</b>
Refrigerating Fluid	<b>R407F</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-35°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>1,71</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>2,34</b>	kW
Nominal absorbed power	<i>DA</i>	<b>1,80</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>1,30</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>2,65</b>	kW
Nominal absorbed power	<i>DB</i>	<b>1,78</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>1,49</b>	


<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>3,17</b>	kW
Nominal absorbed power	<i>DC</i>	<b>1,75</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>1,81</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>3,55</b>	kW
Nominal absorbed power	<i>DA</i>	<b>1,64</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>2,16</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>1,85</b>	kW
Nominal absorbed power	<i>D3</i>	<b>1,80</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>1,03</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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N° DOC.		<b>A</b>		<b>D</b>			FIRST ISSUE	<b>01.07.17</b>
N° CHAP.		<b>B</b>		<b>E</b>			ISSUE	<b>MKTG</b>
		<b>C</b>		<b>F</b>				

Model	<b>EPTAMETIC- GN41 FRASCOLD</b>
Refrigerating Fluid	<b>R404A</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-35°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>1,71</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>3,20</b>	kW
Nominal absorbed power	<i>DA</i>	<b>2,71</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>1,32</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>3,59</b>	kW
Nominal absorbed power	<i>DB</i>	<b>2,66</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>1,35</b>	


<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>4,19</b>	kW
Nominal absorbed power	<i>DC</i>	<b>2,59</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>1,62</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>4,82</b>	kW
Nominal absorbed power	<i>DA</i>	<b>2,45</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>1,97</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>2,62</b>	kW
Nominal absorbed power	<i>D3</i>	<b>2,78</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>0,94</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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PRODUCT	<b>EPTAMETIC BITZER R407F</b>	ORD.	DATE	ORD.	DATE			
N° DOC.		<b>A</b>		<b>D</b>			FIRST ISSUE	<b>01.07.17</b>
N° CHAP.		<b>B</b>		<b>E</b>			ISSUE	<b>MKTG</b>
		<b>C</b>		<b>F</b>				

Model	<b>EPTAMETIC- GN50 FRASCOLD</b>
Refrigerating Fluid	<b>R407F</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-35°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>1,78</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>3,31</b>	kW
Nominal absorbed power	<i>DA</i>	<b>2,45</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>1,35</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>3,83</b>	kW
Nominal absorbed power	<i>DB</i>	<b>2,47</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>1,55</b>	


<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>4,58</b>	kW
Nominal absorbed power	<i>DC</i>	<b>2,43</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>1,89</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>5,32</b>	kW
Nominal absorbed power	<i>DA</i>	<b>2,34</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>2,27</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>2,55</b>	kW
Nominal absorbed power	<i>D3</i>	<b>2,40</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>1,06</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WITH THE APPROVED ORIGINAL		
PRODUCT	<b>EPTAMETIC BITZER R407F</b>	ORD.	DATE	ORD.	DATE			
N° DOC.		<b>A</b>		<b>D</b>			FIRST ISSUE	<b>01.07.17</b>
N° CHAP.		<b>B</b>		<b>E</b>			ISSUE	<b>MKTG</b>
		<b>C</b>		<b>F</b>				

Model	<b>EPTAMETIC- GN70 FRASCOLD</b>
Refrigerating Fluid	<b>R407F</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-35°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>1,50</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>3,80</b>	kW
Nominal absorbed power	<i>DA</i>	<b>3,22</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>1,18</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>4,37</b>	kW
Nominal absorbed power	<i>DB</i>	<b>3,21</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>1,36</b>	


<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>5,18</b>	kW
Nominal absorbed power	<i>DC</i>	<b>3,16</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>1,64</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>5,96</b>	kW
Nominal absorbed power	<i>DA</i>	<b>3,03</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>1,97</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>2,95</b>	kW
Nominal absorbed power	<i>D3</i>	<b>3,17</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>0,93</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WITH THE APPROVED ORIGINAL		
PRODUCT	<b>EPTAMETIC BITZER R407F</b>	ORD.	DATE	ORD.	DATE			
N° DOC.		<b>A</b>		<b>D</b>			FIRST ISSUE	<b>01.07.17</b>
N° CHAP.		<b>B</b>		<b>E</b>			ISSUE	<b>MKTG</b>
		<b>C</b>		<b>F</b>				

Model	<b>EPTAMETIC- GN75 FRASCOLD</b>
Refrigerating Fluid	<b>R407F</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-35°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>1,58</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>4,66</b>	kW
Nominal absorbed power	<i>DA</i>	<b>3,85</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>1,21</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>5,28</b>	kW
Nominal absorbed power	<i>DB</i>	<b>3,80</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>1,39</b>	

<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>6,17</b>	kW
Nominal absorbed power	<i>DC</i>	<b>3,70</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>1,67</b>	


<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>7,05</b>	kW
Nominal absorbed power	<i>DA</i>	<b>3,54</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>1,99</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>3,72</b>	kW
Nominal absorbed power	<i>D3</i>	<b>3,84</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>0,97</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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N° DOC.		<b>A</b>		<b>D</b>			FIRST ISSUE	<b>01.07.17</b>
N° CHAP.		<b>B</b>		<b>E</b>			ISSUE	<b>MKTG</b>
		<b>C</b>		<b>F</b>				

Model	<b>EPTAMETIC- GN76 FRASCOLD</b>
Refrigerating Fluid	<b>R407F</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-35°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>1,69</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>5,34</b>	kW
Nominal absorbed power	<i>DA</i>	<b>4,17</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>1,28</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>6,29</b>	kW
Nominal absorbed power	<i>DB</i>	<b>4,25</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>1,48</b>	


<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>7,68</b>	kW
Nominal absorbed power	<i>DC</i>	<b>4,25</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>1,81</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>9,06</b>	kW
Nominal absorbed power	<i>DA</i>	<b>4,15</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>2,18</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>3,96</b>	kW
Nominal absorbed power	<i>D3</i>	<b>4,04</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>0,98</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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N° DOC.		<b>A</b>		<b>D</b>			FIRST ISSUE	<b>01.07.17</b>
N° CHAP.		<b>B</b>		<b>E</b>			ISSUE	<b>MKTG</b>
		<b>C</b>		<b>F</b>				

Model	<b>EPTAMETIC- GN100 FRASCOLD</b>
Refrigerating Fluid	<b>R407F</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-35°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>1,60</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>6,05</b>	kW
Nominal absorbed power	<i>DA</i>	<b>5,21</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>1,16</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>7,29</b>	kW
Nominal absorbed power	<i>DB</i>	<b>5,36</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>1,36</b>	


<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>9,10</b>	kW
Nominal absorbed power	<i>DC</i>	<b>5,48</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>1,66</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>10,90</b>	kW
Nominal absorbed power	<i>DA</i>	<b>5,48</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>1,99</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>4,17</b>	kW
Nominal absorbed power	<i>D3</i>	<b>4,85</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>0,86</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WITH THE APPROVED ORIGINAL		
PRODUCT	<b>EPTAMETIC BITZER R407F</b>	ORD.	DATE	ORD.	DATE			
N° DOC.		<b>A</b>		<b>D</b>			PAGE	<b>11/27</b>
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		<b>C</b>		<b>F</b>		ISSUE	<b>MKTG</b>	

Model	<b>EPTAMETIC- GN150 FRASCOLD</b>
Refrigerating Fluid	<b>R407F</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-35°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>1,61</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>9,87</b>	kW
Nominal absorbed power	<i>DA</i>	<b>8,66</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>1,14</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>11,35</b>	kW
Nominal absorbed power	<i>DB</i>	<b>8,60</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>1,32</b>	


<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>13,58</b>	kW
Nominal absorbed power	<i>DC</i>	<b>8,38</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>1,62</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>15,78</b>	kW
Nominal absorbed power	<i>DA</i>	<b>8,09</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>1,95</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>7,87</b>	kW
Nominal absorbed power	<i>D3</i>	<b>8,84</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>0,89</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WITH THE APPROVED ORIGINAL		
PRODUCT	<b>EPTAMETIC BITZER R407F</b>	ORD.	DATE	ORD.	DATE			
N° DOC.		<b>A</b>		<b>D</b>			FIRST ISSUE	<b>01.07.17</b>
N° CHAP.		<b>B</b>		<b>E</b>			ISSUE	<b>MKTG</b>

Model	<b>EPTAMETIC- GN200 FRASCOLD</b>
Refrigerating Fluid	<b>R407F</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-35°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>1,62</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>7,12</b>	kW
Nominal absorbed power	<i>DA</i>	<b>5,93</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>1,20</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>8,42</b>	kW
Nominal absorbed power	<i>DB</i>	<b>6,06</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>1,39</b>	


<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>10,31</b>	kW
Nominal absorbed power	<i>DC</i>	<b>6,07</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>1,70</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>11,08</b>	kW
Nominal absorbed power	<i>DA</i>	<b>6,06</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>1,83</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>5,17</b>	kW
Nominal absorbed power	<i>D3</i>	<b>5,80</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>0,89</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WITH THE APPROVED ORIGINAL		
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		<b>C</b>		<b>F</b>				

Model	<b>EPTAMETIC- GN300 FRASCOLD</b>
Refrigerating Fluid	<b>R407F</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-35°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>1,61</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>12,33</b>	kW
Nominal absorbed power	<i>DA</i>	<b>10,44</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>1,18</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>14,04</b>	kW
Nominal absorbed power	<i>DB</i>	<b>10,25</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>1,37</b>	


<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>16,62</b>	kW
Nominal absorbed power	<i>DC</i>	<b>9,89</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>1,68</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>19,16</b>	kW
Nominal absorbed power	<i>DA</i>	<b>9,44</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>2,03</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>9,93</b>	kW
Nominal absorbed power	<i>D3</i>	<b>10,80</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>0,92</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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		<b>C</b>		<b>F</b>				

Model	<b>EPTAMETIC - GP05 FRASCOLD</b>
Refrigerating Fluid	<b>R407F</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-10°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>2,02</b>	kW
Nominal absorbed power	<i>DA</i>	<b>0,94</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>2,16</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>2,24</b>	kW
Nominal absorbed power	<i>DB</i>	<b>0,89</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>2,52</b>	


<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>x</b>	kW
Nominal absorbed power	<i>DC</i>	<b>x</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>x</b>	kW
Nominal absorbed power	<i>DA</i>	<b>x</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>1,68</b>	kW
Nominal absorbed power	<i>D3</i>	<b>0,99</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>1,70</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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		<b>C</b>		<b>F</b>				

Model	<b>EPTAMETIC- GP10 FRASCOLD</b>
Refrigerating Fluid	<b>R407F</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-10°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>2,65</b>	kW
Nominal absorbed power	<i>DA</i>	<b>1,29</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>2,05</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>3,00</b>	kW
Nominal absorbed power	<i>DB</i>	<b>1,21</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>2,48</b>	


<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>x</b>	kW
Nominal absorbed power	<i>DC</i>	<b>x</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>x</b>	kW
Nominal absorbed power	<i>DA</i>	<b>x</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>2,13</b>	kW
Nominal absorbed power	<i>D3</i>	<b>1,41</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>1,51</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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		<b>C</b>		<b>F</b>				

Model	<b>EPTAMETIC- GP15 FRASCOLD</b>
Refrigerating Fluid	<b>R407F</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-10°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>3,58</b>	kW
Nominal absorbed power	<i>DA</i>	<b>1,69</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>2,12</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>3,93</b>	kW
Nominal absorbed power	<i>DB</i>	<b>1,59</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>2,47</b>	

<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>x</b>	kW
Nominal absorbed power	<i>DC</i>	<b>x</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>x</b>	


<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>x</b>	kW
Nominal absorbed power	<i>DA</i>	<b>x</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>3,05</b>	kW
Nominal absorbed power	<i>D3</i>	<b>1,80</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>1,69</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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		<b>C</b>		<b>F</b>				

Model	<b>EPTAMETIC- GP20 FRASCOLD</b>
Refrigerating Fluid	<b>R407F</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-10°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>4,63</b>	kW
Nominal absorbed power	<i>DA</i>	<b>2,08</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>2,23</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>5,06</b>	kW
Nominal absorbed power	<i>DB</i>	<b>1,95</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>2,60</b>	


<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>x</b>	kW
Nominal absorbed power	<i>DC</i>	<b>x</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>x</b>	kW
Nominal absorbed power	<i>DA</i>	<b>x</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>3,94</b>	kW
Nominal absorbed power	<i>D3</i>	<b>2,25</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>1,75</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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		<b>C</b>		<b>F</b>				

Model	<b>EPTAMETIC- GP25 FRASCOLD</b>
Refrigerating Fluid	<b>R407F</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-10°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>5,14</b>	kW
Nominal absorbed power	<i>DA</i>	<b>2,36</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>2,18</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>5,64</b>	kW
Nominal absorbed power	<i>DB</i>	<b>2,21</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>2,55</b>	


<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>x</b>	kW
Nominal absorbed power	<i>DC</i>	<b>x</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>x</b>	kW
Nominal absorbed power	<i>DA</i>	<b>x</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>4,37</b>	kW
Nominal absorbed power	<i>D3</i>	<b>2,54</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>1,72</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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PRODUCT	<b>EPTAMETIC BITZER R407F</b>	ORD.	DATE	ORD.	DATE			
N° DOC.		<b>A</b>		<b>D</b>			FIRST ISSUE	<b>01.07.17</b>
N° CHAP.		<b>B</b>		<b>E</b>			ISSUE	<b>MKTG</b>
		<b>C</b>		<b>F</b>				

Model	<b>EPTAMETIC- GP30 FRASCOLD</b>
Refrigerating Fluid	<b>R407F</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-10°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>2,82</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>7,67</b>	kW
Nominal absorbed power	<i>DA</i>	<b>3,70</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>2,07</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>8,32</b>	kW
Nominal absorbed power	<i>DB</i>	<b>3,48</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>2,39</b>	


<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>9,39</b>	kW
Nominal absorbed power	<i>DC</i>	<b>3,14</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>2,99</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>10,47</b>	kW
Nominal absorbed power	<i>DA</i>	<b>2,75</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>3,81</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>6,43</b>	kW
Nominal absorbed power	<i>D3</i>	<b>3,85</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>1,67</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WITH THE APPROVED ORIGINAL		
PRODUCT	<b>EPTAMETIC BITZER R407F</b>	ORD.	DATE	ORD.	DATE			
N° DOC.		<b>A</b>		<b>D</b>			FIRST ISSUE	<b>01.07.17</b>
N° CHAP.		<b>B</b>		<b>E</b>			ISSUE	<b>MKTG</b>
		<b>C</b>		<b>F</b>				

Model	<b>EPTAMETIC- GP40 FRASCOLD</b>
Refrigerating Fluid	<b>R407F</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-10°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>3,02</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>9,03</b>	kW
Nominal absorbed power	<i>DA</i>	<b>4,11</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>2,20</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>9,90</b>	kW
Nominal absorbed power	<i>DB</i>	<b>3,88</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>2,55</b>	


<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>11,15</b>	kW
Nominal absorbed power	<i>DC</i>	<b>3,48</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>3,20</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>12,40</b>	kW
Nominal absorbed power	<i>DA</i>	<b>3,02</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>4,10</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>7,70</b>	kW
Nominal absorbed power	<i>D3</i>	<b>4,42</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>1,74</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WITH THE APPROVED ORIGINAL		
PRODUCT	<b>EPTAMETIC BITZER R407F</b>	ORD.	DATE	ORD.	DATE			
N° DOC.		<b>A</b>		<b>D</b>			FIRST ISSUE	<b>01.07.17</b>
N° CHAP.		<b>B</b>		<b>E</b>			ISSUE	<b>MKTG</b>
		<b>C</b>		<b>F</b>				

Model	<b>EPTAMETIC- GP47 FRASCOLD</b>
Refrigerating Fluid	<b>R407F</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-10°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>3,01</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>10,04</b>	kW
Nominal absorbed power	<i>DA</i>	<b>4,60</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>2,18</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>11,06</b>	kW
Nominal absorbed power	<i>DB</i>	<b>4,35</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>2,54</b>	


<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>12,52</b>	kW
Nominal absorbed power	<i>DC</i>	<b>3,92</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>3,19</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>13,96</b>	kW
Nominal absorbed power	<i>DA</i>	<b>3,41</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>4,09</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>8,46</b>	kW
Nominal absorbed power	<i>D3</i>	<b>4,89</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>1,73</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WITH THE APPROVED ORIGINAL		
PRODUCT	<b>EPTAMETIC BITZER R407F</b>	ORD.	DATE	ORD.	DATE			
N° DOC.		<b>A</b>		<b>D</b>			FIRST ISSUE	<b>01.07.17</b>
N° CHAP.		<b>B</b>		<b>E</b>			ISSUE	<b>MKTG</b>
		<b>C</b>		<b>F</b>				

Model	<b>EPTAMETIC- GP50 FRASCOLD</b>
Refrigerating Fluid	<b>R407F</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-10°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>3,30</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>12,46</b>	kW
Nominal absorbed power	<i>DA</i>	<b>5,39</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>2,31</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>13,75</b>	kW
Nominal absorbed power	<i>DB</i>	<b>5,06</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>2,72</b>	


<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>15,62</b>	kW
Nominal absorbed power	<i>DC</i>	<b>4,49</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>3,48</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>17,51</b>	kW
Nominal absorbed power	<i>DA</i>	<b>3,81</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>4,60</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>10,50</b>	kW
Nominal absorbed power	<i>D3</i>	<b>5,84</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>1,80</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WITH THE APPROVED ORIGINAL		
PRODUCT	<b>EPTAMETIC BITZER R407F</b>	ORD.	DATE	ORD.	DATE			
N° DOC.		<b>A</b>		<b>D</b>			FIRST ISSUE	<b>01.07.17</b>
N° CHAP.		<b>B</b>		<b>E</b>			ISSUE	<b>MKTG</b>
		<b>C</b>		<b>F</b>				

Model	<b>EPTAMETIC- GP75 FRASCOLD</b>
Refrigerating Fluid	<b>R407F</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-10°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>3,01</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>16,42</b>	kW
Nominal absorbed power	<i>DA</i>	<b>7,50</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>2,19</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>18,01</b>	kW
Nominal absorbed power	<i>DB</i>	<b>7,06</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>2,55</b>	


<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>20,32</b>	kW
Nominal absorbed power	<i>DC</i>	<b>6,35</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>3,20</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>22,66</b>	kW
Nominal absorbed power	<i>DA</i>	<b>5,53</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>4,10</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>14,00</b>	kW
Nominal absorbed power	<i>D3</i>	<b>8,05</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>1,74</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WITH THE APPROVED ORIGINAL		
PRODUCT	<b>EPTAMETIC BITZER R407F</b>	ORD.	DATE	ORD.	DATE			
N° DOC.		<b>A</b>		<b>D</b>			FIRST ISSUE	<b>01.07.17</b>
N° CHAP.		<b>B</b>		<b>E</b>			ISSUE	<b>MKTG</b>
		<b>C</b>		<b>F</b>				

Model	<b>EPTAMETIC- GP100 FRASCOLD</b>
Refrigerating Fluid	<b>R404A</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-10°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>3,16</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>20,97</b>	kW
Nominal absorbed power	<i>DA</i>	<b>9,20</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>2,28</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>23,14</b>	kW
Nominal absorbed power	<i>DB</i>	<b>8,70</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>2,66</b>	

<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>26,35</b>	kW
Nominal absorbed power	<i>DC</i>	<b>7,84</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>3,36</b>	


<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>29,73</b>	kW
Nominal absorbed power	<i>DA</i>	<b>6,85</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>4,34</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>16,93</b>	kW
Nominal absorbed power	<i>D3</i>	<b>10,33</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>1,64</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WITH THE APPROVED ORIGINAL		
PRODUCT	<b>EPTAMETIC BITZER R407F</b>	ORD.	DATE	ORD.	DATE			
N° DOC.		<b>A</b>		<b>D</b>			FIRST ISSUE	<b>01.07.17</b>
N° CHAP.		<b>B</b>		<b>E</b>			ISSUE	<b>MKTG</b>
		<b>C</b>		<b>F</b>				

Model	<b>EPTAMETIC- GP150 FRASCOLD</b>
Refrigerating Fluid	<b>R407F</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-10°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>3,16</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>28,01</b>	kW
Nominal absorbed power	<i>DA</i>	<b>12,29</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>2,28</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>31,42</b>	kW
Nominal absorbed power	<i>DB</i>	<b>11,77</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>2,67</b>	


<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>36,42</b>	kW
Nominal absorbed power	<i>DC</i>	<b>10,81</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>3,37</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>38,48</b>	kW
Nominal absorbed power	<i>DA</i>	<b>8,87</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>4,34</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>23,55</b>	kW
Nominal absorbed power	<i>D3</i>	<b>13,08</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>1,80</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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TECHNICAL DOCUMENTATION		STATE REVISION OF THE CHAPTER				IN CONFORMITY WITH THE APPROVED ORIGINAL		
PRODUCT	<b>EPTAMETIC BITZER R407F</b>	ORD.	DATE	ORD.	DATE			
N° DOC.		<b>A</b>		<b>D</b>			FIRST ISSUE	<b>01.07.17</b>
N° CHAP.		<b>B</b>		<b>E</b>			ISSUE	<b>MKTG</b>
		<b>C</b>		<b>F</b>				

Model	<b>EPTAMETIC- GP200 FRASCOLD</b>
Refrigerating Fluid	<b>R407F</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	<i>t</i>	<b>-10°C</b>	°C
<b>Annual consumption of electrical energy</b>	<i>Q</i>	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	<i>SEPR</i>	<b>3,25</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	<i>PA</i>	<b>29,64</b>	kW
Nominal absorbed power	<i>DA</i>	<b>12,72</b>	kW
<b>Nominal COP</b>	<b><i>COPA</i></b>	<b>2,33</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	<i>PB</i>	<b>32,74</b>	kW
Nominal absorbed power	<i>DB</i>	<b>12,03</b>	kW
<b>Declared COP</b>	<b><i>COPB</i></b>	<b>2,72</b>	

<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	<i>PC</i>	<b>37,24</b>	kW
Nominal absorbed power	<i>DC</i>	<b>10,83</b>	kW
<b>Declared COP</b>	<b><i>COPC</i></b>	<b>3,44</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	<i>PD</i>	<b>41,79</b>	kW
Nominal absorbed power	<i>DA</i>	<b>9,33</b>	kW
<b>Declared COP</b>	<b><i>COPD</i></b>	<b>4,48</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	<i>P3</i>	<b>24,91</b>	kW
Nominal absorbed power	<i>D3</i>	<b>13,61</b>	kW
<b>Declared COP</b>	<b><i>COP3</i></b>	<b>1,83</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	<i>Cdc</i>	<b>0,25</b>	
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