

Model	<b>MISAMETIC- GN18 BITZER</b>
Refrigerating Fluid	<b>R449a</b>

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

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>1,13</b>	kW
Nominal absorbed power	$D_A$	<b>1,07</b>	kW
<b>Nominal COP</b>	<b><math>COP_A</math></b>	<b>1,06</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>1,32</b>	kW
Nominal absorbed power	$D_B$	<b>1,07</b>	kW
<b>Declared COP</b>	<b><math>COP_B</math></b>	<b>1,23</b>	

<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>x</b>	kW
Nominal absorbed power	$D_C$	<b>x</b>	kW
<b>Declared COP</b>	<b><math>COP_C</math></b>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>x</b>	kW
Nominal absorbed power	$D_A$	<b>x</b>	kW
<b>Declared COP</b>	<b><math>COP_D</math></b>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>0,80</b>	kW
Nominal absorbed power	$D_3$	<b>1,09</b>	kW
<b>Declared COP</b>	<b><math>COP_3</math></b>	<b>0,74</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	<b>0,25</b>	
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Model	<b>MISAMETIC- GN28 BITZER</b>
Refrigerating Fluid	<b>R449a</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	$t$	<b>-35°C</b>	°C
<b>Annual consumption of electrical energy</b>	$Q$	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	$SEPR$	<b>1,81</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>1,82</b>	kW
Nominal absorbed power	$D_A$	<b>1,42</b>	kW
<b>Nominal COP</b>	<b><math>COP_A</math></b>	<b>1,28</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>2,09</b>	kW
Nominal absorbed power	$D_B$	<b>1,43</b>	kW
<b>Declared COP</b>	<b><math>COP_B</math></b>	<b>1,46</b>	

<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>2,48</b>	kW
Nominal absorbed power	$D_C$	<b>1,40</b>	kW
<b>Declared COP</b>	<b><math>COP_C</math></b>	<b>1,77</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>2,87</b>	kW
Nominal absorbed power	$D_A$	<b>1,35</b>	kW
<b>Declared COP</b>	<b><math>COP_D</math></b>	<b>2,13</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>1,39</b>	kW
Nominal absorbed power	$D_3$	<b>1,36</b>	kW
<b>Declared COP</b>	<b><math>COP_3</math></b>	<b>1,02</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	<b>0,25</b>	
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Model	<b>MISAMETIC- GN40 BITZER</b>
Refrigerating Fluid	<b>R449a</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	$t$	<b>-35°C</b>	°C
<b>Annual consumption of electrical energy</b>	$Q$	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	$SEPR$	<b>1,82</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>2,32</b>	kW
Nominal absorbed power	$D_A$	<b>1,83</b>	kW
<b>Nominal COP</b>	<b><math>COP_A</math></b>	<b>1,27</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>2,64</b>	kW
Nominal absorbed power	$D_B$	<b>1,81</b>	kW
<b>Declared COP</b>	<b><math>COP_B</math></b>	<b>1,46</b>	

<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>3,10</b>	kW
Nominal absorbed power	$D_C$	<b>1,76</b>	kW
<b>Declared COP</b>	<b><math>COP_C</math></b>	<b>1,76</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>3,54</b>	kW
Nominal absorbed power	$D_A$	<b>1,68</b>	kW
<b>Declared COP</b>	<b><math>COP_D</math></b>	<b>2,11</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>1,83</b>	kW
Nominal absorbed power	$D_3$	<b>1,81</b>	kW
<b>Declared COP</b>	<b><math>COP_3</math></b>	<b>1,01</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	<b>0,25</b>	
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Model	<b>MISAMETIC- GN41 BITZER</b>		
Refrigerating Fluid	<b>R449a</b>		
Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	$t$	<b>-35°C</b>	°C
<b>Annual consumption of electrical energy</b>	$Q$	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	$SEPR$	<b>1,75</b>	
<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>2,49</b>	kW
Nominal absorbed power	$D_A$	<b>1,94</b>	kW
<b>Nominal COP</b>	$COP_A$	<b>1,28</b>	
<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>2,84</b>	kW
Nominal absorbed power	$D_B$	<b>1,93</b>	kW
<b>Declared COP</b>	$COP_B$	<b>1,47</b>	
<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>3,36</b>	kW
Nominal absorbed power	$D_C$	<b>1,90</b>	kW
<b>Declared COP</b>	$COP_C$	<b>1,77</b>	
<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>3,86</b>	kW
Nominal absorbed power	$D_A$	<b>1,88</b>	kW
<b>Declared COP</b>	$COP_D$	<b>2,05</b>	
<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>1,95</b>	kW
Nominal absorbed power	$D_3$	<b>1,93</b>	kW
<b>Declared COP</b>	$COP_3$	<b>1,01</b>	
Control of capacity	<i>fixed</i>		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	<b>0,25</b>	

Model	<b>MISAMETIC- GN50 BITZER</b>
Refrigerating Fluid	<b>R449a</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	$t$	<b>-35°C</b>	°C
<b>Annual consumption of electrical energy</b>	$Q$	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	$SEPR$	<b>1,77</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>3,10</b>	kW
Nominal absorbed power	$D_A$	<b>2,42</b>	kW
<b>Nominal COP</b>	<b><math>COP_A</math></b>	<b>1,28</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>3,56</b>	kW
Nominal absorbed power	$D_B$	<b>2,40</b>	kW
<b>Declared COP</b>	<b><math>COP_B</math></b>	<b>1,48</b>	

<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>4,21</b>	kW
Nominal absorbed power	$D_C$	<b>2,37</b>	kW
<b>Declared COP</b>	<b><math>COP_C</math></b>	<b>1,78</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>4,84</b>	kW
Nominal absorbed power	$D_A$	<b>2,35</b>	kW
<b>Declared COP</b>	<b><math>COP_D</math></b>	<b>2,06</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>2,42</b>	kW
Nominal absorbed power	$D_3$	<b>2,40</b>	kW
<b>Declared COP</b>	<b><math>COP_3</math></b>	<b>1,01</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	<b>0,25</b>	
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Model	<b>MISAMETIC- GN70 BITZER</b>
Refrigerating Fluid	<b>R449a</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	$t$	<b>-35°C</b>	°C
<b>Annual consumption of electrical energy</b>	$Q$	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	$SEPR$	<b>1,53</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>3,67</b>	kW
Nominal absorbed power	$D_A$	<b>3,14</b>	kW
<b>Nominal COP</b>	<b><math>COP_A</math></b>	<b>1,17</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>4,21</b>	kW
Nominal absorbed power	$D_B$	<b>3,14</b>	kW
<b>Declared COP</b>	<b><math>COP_B</math></b>	<b>1,34</b>	

<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>5,00</b>	kW
Nominal absorbed power	$D_C$	<b>3,09</b>	kW
<b>Declared COP</b>	<b><math>COP_C</math></b>	<b>1,62</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>5,76</b>	kW
Nominal absorbed power	$D_A$	<b>2,98</b>	kW
<b>Declared COP</b>	<b><math>COP_D</math></b>	<b>1,93</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>2,84</b>	kW
Nominal absorbed power	$D_3$	<b>3,05</b>	kW
<b>Declared COP</b>	<b><math>COP_3</math></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	$Cdc$	<b>0,25</b>	
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Model	<b>MISAMETIC- GN75 BITZER</b>
Refrigerating Fluid	<b>R449a</b>

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

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>4,27</b>	kW
Nominal absorbed power	$D_A$	<b>3,47</b>	kW
<b>Nominal COP</b>	<b><math>COP_A</math></b>	<b>1,23</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>4,99</b>	kW
Nominal absorbed power	$D_B$	<b>3,56</b>	kW
<b>Declared COP</b>	<b><math>COP_B</math></b>	<b>1,40</b>	

<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>6,05</b>	kW
Nominal absorbed power	$D_C$	<b>3,60</b>	kW
<b>Declared COP</b>	<b><math>COP_C</math></b>	<b>1,68</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>7,17</b>	kW
Nominal absorbed power	$D_A$	<b>3,55</b>	kW
<b>Declared COP</b>	<b><math>COP_D</math></b>	<b>2,02</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>3,16</b>	kW
Nominal absorbed power	$D_3$	<b>3,23</b>	kW
<b>Declared COP</b>	<b><math>COP_3</math></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	$Cdc$	<b>0,25</b>	
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Model	<b>MISAMETIC- GN76 BITZER</b>
Refrigerating Fluid	<b>R449a</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	$t$	<b>-35°C</b>	°C
<b>Annual consumption of electrical energy</b>	$Q$	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	$SEPR$	<b>1,68</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>5,55</b>	kW
Nominal absorbed power	$D_A$	<b>4,24</b>	kW
<b>Nominal COP</b>	<b><math>COP_A</math></b>	<b>1,31</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>6,39</b>	kW
Nominal absorbed power	$D_B$	<b>4,29</b>	kW
<b>Declared COP</b>	<b><math>COP_B</math></b>	<b>1,49</b>	

<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>7,62</b>	kW
Nominal absorbed power	$D_C$	<b>4,28</b>	kW
<b>Declared COP</b>	<b><math>COP_C</math></b>	<b>1,78</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>8,87</b>	kW
Nominal absorbed power	$D_A$	<b>4,16</b>	kW
<b>Declared COP</b>	<b><math>COP_D</math></b>	<b>2,13</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>4,25</b>	kW
Nominal absorbed power	$D_3$	<b>4,01</b>	kW
<b>Declared COP</b>	<b><math>COP_3</math></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	$Cdc$	<b>0,25</b>	
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Model	<b>MISAMETIC- GN100 BITZER</b>		
Refrigerating Fluid	<b>R449a</b>		
Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	$t$	<b>-35°C</b>	°C
<b>Annual consumption of electrical energy</b>	$Q$	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	$SEPR$	<b>1,68</b>	
<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>5,97</b>	kW
Nominal absorbed power	$D_A$	<b>5,02</b>	kW
<b>Nominal COP</b>	$COP_A$	<b>1,19</b>	
<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>7,03</b>	kW
Nominal absorbed power	$D_B$	<b>5,21</b>	kW
<b>Declared COP</b>	$COP_B$	<b>1,35</b>	
<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>8,55</b>	kW
Nominal absorbed power	$D_C$	<b>5,28</b>	kW
<b>Declared COP</b>	$COP_C$	<b>1,62</b>	
<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>10,05</b>	kW
Nominal absorbed power	$D_A$	<b>5,18</b>	kW
<b>Declared COP</b>	$COP_D$	<b>1,94</b>	
<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>4,37</b>	kW
Nominal absorbed power	$D_3$	<b>4,64</b>	kW
<b>Declared COP</b>	$COP_3$	<b>0,94</b>	
Control of capacity	<i>fixed</i>		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	<b>0,25</b>	

Model	<b>MISAMETIC- GN150 BITZER</b>		
Refrigerating Fluid	<b>R449a</b>		
Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	$t$	<b>-35°C</b>	°C
<b>Annual consumption of electrical energy</b>	$Q$	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	$SEPR$	<b>1,58</b>	
<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>10,99</b>	kW
Nominal absorbed power	$D_A$	<b>9,09</b>	kW
<b>Nominal COP</b>	$COP_A$	<b>1,21</b>	
<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>12,45</b>	kW
Nominal absorbed power	$D_B$	<b>8,96</b>	kW
<b>Declared COP</b>	$COP_B$	<b>1,39</b>	
<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>14,51</b>	kW
Nominal absorbed power	$D_C$	<b>8,69</b>	kW
<b>Declared COP</b>	$COP_C$	<b>1,67</b>	
<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>16,49</b>	kW
Nominal absorbed power	$D_A$	<b>8,37</b>	kW
<b>Declared COP</b>	$COP_D$	<b>1,97</b>	
<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>8,74</b>	kW
Nominal absorbed power	$D_3$	<b>9,20</b>	kW
<b>Declared COP</b>	$COP_3$	<b>0,95</b>	
Control of capacity	<i>fixed</i>		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	<b>0,25</b>	

Model	<b>MISAMETIC- GN200 BITZER</b>
Refrigerating Fluid	<b>R449a</b>

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

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>7,49</b>	kW
Nominal absorbed power	$D_A$	<b>5,99</b>	kW
<b>Nominal COP</b>	<b><math>COP_A</math></b>	<b>1,25</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>8,65</b>	kW
Nominal absorbed power	$D_B$	<b>6,09</b>	kW
<b>Declared COP</b>	<b><math>COP_B</math></b>	<b>1,42</b>	

<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>10,27</b>	kW
Nominal absorbed power	$D_C$	<b>6,11</b>	kW
<b>Declared COP</b>	<b><math>COP_C</math></b>	<b>1,68</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>11,82</b>	kW
Nominal absorbed power	$D_A$	<b>5,97</b>	kW
<b>Declared COP</b>	<b><math>COP_D</math></b>	<b>1,98</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>5,68</b>	kW
Nominal absorbed power	$D_3$	<b>5,62</b>	kW
<b>Declared COP</b>	<b><math>COP_3</math></b>	<b>1,01</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	<b>0,25</b>	
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Model	<b>MISAMETIC- GN300 BITZER</b>		
Refrigerating Fluid	<b>R449a</b>		
Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	$t$	<b>-35°C</b>	°C
<b>Annual consumption of electrical energy</b>	$Q$	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	$SEPR$	<b>1,63</b>	
<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>13,21</b>	kW
Nominal absorbed power	$D_A$	<b>10,57</b>	kW
<b>Nominal COP</b>	$COP_A$	<b>1,25</b>	
<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>14,77</b>	kW
Nominal absorbed power	$D_B$	<b>10,33</b>	kW
<b>Declared COP</b>	$COP_B$	<b>1,43</b>	
<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>16,98</b>	kW
Nominal absorbed power	$D_C$	<b>9,93</b>	kW
<b>Declared COP</b>	$COP_C$	<b>1,71</b>	
<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>19,09</b>	kW
Nominal absorbed power	$D_A$	<b>9,45</b>	kW
<b>Declared COP</b>	$COP_D$	<b>2,02</b>	
<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>10,81</b>	kW
Nominal absorbed power	$D_3$	<b>10,81</b>	kW
<b>Declared COP</b>	$COP_3$	<b>1,00</b>	
Control of capacity	<i>fixed</i>		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	<b>0,25</b>	

Model	<b>MISAMETIC- GP05 BITZER</b>
Refrigerating Fluid	<b>R449a</b>

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

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>1,85</b>	kW
Nominal absorbed power	$D_A$	<b>0,92</b>	kW
<b>Nominal COP</b>	<b><math>COP_A</math></b>	<b>2,01</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>2,08</b>	kW
Nominal absorbed power	$D_B$	<b>0,89</b>	kW
<b>Declared COP</b>	<b><math>COP_B</math></b>	<b>2,35</b>	

<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>x</b>	kW
Nominal absorbed power	$D_C$	<b>x</b>	kW
<b>Declared COP</b>	<b><math>COP_C</math></b>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>x</b>	kW
Nominal absorbed power	$D_A$	<b>x</b>	kW
<b>Declared COP</b>	<b><math>COP_D</math></b>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>1,47</b>	kW
Nominal absorbed power	$D_3$	<b>0,95</b>	kW
<b>Declared COP</b>	<b><math>COP_3</math></b>	<b>1,55</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	<b>0,25</b>	
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Model	<b>MISAMETIC- GP10 BITZER</b>
Refrigerating Fluid	<b>R449a</b>

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

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>2,38</b>	kW
Nominal absorbed power	$D_A$	<b>1,20</b>	kW
<b>Nominal COP</b>	<b><math>COP_A</math></b>	<b>1,99</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>2,67</b>	kW
Nominal absorbed power	$D_B$	<b>1,15</b>	kW
<b>Declared COP</b>	<b><math>COP_B</math></b>	<b>2,32</b>	

<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>x</b>	kW
Nominal absorbed power	$D_C$	<b>x</b>	kW
<b>Declared COP</b>	<b><math>COP_C</math></b>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>x</b>	kW
Nominal absorbed power	$D_A$	<b>x</b>	kW
<b>Declared COP</b>	<b><math>COP_D</math></b>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>1,93</b>	kW
Nominal absorbed power	$D_3$	<b>1,26</b>	kW
<b>Declared COP</b>	<b><math>COP_3</math></b>	<b>1,53</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	<b>0,25</b>	
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Model	<b>MISAMETIC- GP15 BITZER</b>
Refrigerating Fluid	<b>R449a</b>

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

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>3,01</b>	kW
Nominal absorbed power	$D_A$	<b>1,53</b>	kW
<b>Nominal COP</b>	<b><math>COP_A</math></b>	<b>1,97</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>3,35</b>	kW
Nominal absorbed power	$D_B$	<b>1,46</b>	kW
<b>Declared COP</b>	<b><math>COP_B</math></b>	<b>2,29</b>	

<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>x</b>	kW
Nominal absorbed power	$D_C$	<b>x</b>	kW
<b>Declared COP</b>	<b><math>COP_C</math></b>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>x</b>	kW
Nominal absorbed power	$D_A$	<b>x</b>	kW
<b>Declared COP</b>	<b><math>COP_D</math></b>	<b>x</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>2,45</b>	kW
Nominal absorbed power	$D_3$	<b>1,62</b>	kW
<b>Declared COP</b>	<b><math>COP_3</math></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	$Cdc$	<b>0,25</b>	
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Model	<b>MISAMETIC- GP20 BITZER</b>		
Refrigerating Fluid	<b>R449a</b>		
Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	$t$	<b>-10°C</b>	°C
<b>Annual consumption of electrical energy</b>	$Q$	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	$SEPR$	<b>x</b>	
<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>4,43</b>	kW
Nominal absorbed power	$D_A$	<b>2,21</b>	kW
<b>Nominal COP</b>	$COP_A$	<b>2,01</b>	
<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>4,93</b>	kW
Nominal absorbed power	$D_B$	<b>2,10</b>	kW
<b>Declared COP</b>	$COP_B$	<b>2,35</b>	
<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>x</b>	kW
Nominal absorbed power	$D_C$	<b>x</b>	kW
<b>Declared COP</b>	$COP_C$	<b>x</b>	
<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>x</b>	kW
Nominal absorbed power	$D_A$	<b>x</b>	kW
<b>Declared COP</b>	$COP_D$	<b>x</b>	
<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>3,64</b>	kW
Nominal absorbed power	$D_3$	<b>2,39</b>	kW
<b>Declared COP</b>	$COP_3$	<b>1,52</b>	
Control of capacity	<i>fixed</i>		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	<b>0,25</b>	
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Model	<b>MISAMETIC- GP25 BITZER</b>		
Refrigerating Fluid	<b>R449a</b>		
Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	$t$	<b>-10°C</b>	°C
<b>Annual consumption of electrical energy</b>	$Q$	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	$SEPR$	<b>2,96</b>	
<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>5,37</b>	kW
Nominal absorbed power	$D_A$	<b>2,51</b>	kW
<b>Nominal COP</b>	<b><math>COP_A</math></b>	<b>2,14</b>	
<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>5,94</b>	kW
Nominal absorbed power	$D_B$	<b>2,39</b>	kW
<b>Declared COP</b>	<b><math>COP_B</math></b>	<b>2,49</b>	
<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>6,77</b>	kW
Nominal absorbed power	$D_C$	<b>2,16</b>	kW
<b>Declared COP</b>	<b><math>COP_C</math></b>	<b>3,14</b>	
<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>7,61</b>	kW
Nominal absorbed power	$D_A$	<b>1,89</b>	kW
<b>Declared COP</b>	<b><math>COP_D</math></b>	<b>4,03</b>	
<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>4,49</b>	kW
Nominal absorbed power	$D_3$	<b>2,66</b>	kW
<b>Declared COP</b>	<b><math>COP_3</math></b>	<b>1,69</b>	
Control of capacity	<i>fixed</i>		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	<b>0,25</b>	

Model	<b>MISAMETIC- GP30 BITZER</b>		
Refrigerating Fluid	<b>R449a</b>		
Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	$t$	<b>-10°C</b>	°C
<b>Annual consumption of electrical energy</b>	$Q$	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	$SEPR$	<b>2,78</b>	
<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>7,83</b>	kW
Nominal absorbed power	$D_A$	<b>3,86</b>	kW
<b>Nominal COP</b>	<b><math>COP_A</math></b>	<b>2,03</b>	
<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>8,61</b>	kW
Nominal absorbed power	$D_B$	<b>3,65</b>	kW
<b>Declared COP</b>	<b><math>COP_B</math></b>	<b>2,36</b>	
<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>9,75</b>	kW
Nominal absorbed power	$D_C$	<b>3,29</b>	kW
<b>Declared COP</b>	<b><math>COP_C</math></b>	<b>2,96</b>	
<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>10,90</b>	kW
Nominal absorbed power	$D_A$	<b>2,89</b>	kW
<b>Declared COP</b>	<b><math>COP_D</math></b>	<b>3,77</b>	
<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>6,62</b>	kW
Nominal absorbed power	$D_3$	<b>4,14</b>	kW
<b>Declared COP</b>	<b><math>COP_3</math></b>	<b>1,60</b>	
Control of capacity	<i>fixed</i>		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	<b>0,25</b>	

Model	<b>MISAMETIC- GP40 BITZER</b>		
Refrigerating Fluid	<b>R449a</b>		
Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	$t$	<b>-10°C</b>	°C
<b>Annual consumption of electrical energy</b>	$Q$	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	$SEPR$	<b>3,00</b>	
<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>8,82</b>	kW
Nominal absorbed power	$D_A$	<b>4,08</b>	kW
<b>Nominal COP</b>	$COP_A$	<b>2,16</b>	
<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>9,73</b>	kW
Nominal absorbed power	$D_B$	<b>3,84</b>	kW
<b>Declared COP</b>	$COP_B$	<b>2,53</b>	
<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>11,04</b>	kW
Nominal absorbed power	$D_C$	<b>3,45</b>	kW
<b>Declared COP</b>	$COP_C$	<b>3,20</b>	
<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>12,36</b>	kW
Nominal absorbed power	$D_A$	<b>3,03</b>	kW
<b>Declared COP</b>	$COP_D$	<b>4,08</b>	
<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>7,42</b>	kW
Nominal absorbed power	$D_3$	<b>4,39</b>	kW
<b>Declared COP</b>	$COP_3$	<b>1,69</b>	
Control of capacity	<i>fixed</i>		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	<b>0,25</b>	

Model	<b>MISAMETIC- GP47 BITZER</b>
Refrigerating Fluid	<b>R449a</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	$t$	<b>-10°C</b>	°C
<b>Annual consumption of electrical energy</b>	$Q$	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	$SEPR$	<b>2,96</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>11,29</b>	kW
Nominal absorbed power	$D_A$	<b>5,30</b>	kW
<b>Nominal COP</b>	<b><math>COP_A</math></b>	<b>2,13</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>12,46</b>	kW
Nominal absorbed power	$D_B$	<b>4,98</b>	kW
<b>Declared COP</b>	<b><math>COP_B</math></b>	<b>2,50</b>	

<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>14,13</b>	kW
Nominal absorbed power	$D_C$	<b>4,47</b>	kW
<b>Declared COP</b>	<b><math>COP_C</math></b>	<b>3,16</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>15,79</b>	kW
Nominal absorbed power	$D_A$	<b>3,93</b>	kW
<b>Declared COP</b>	<b><math>COP_D</math></b>	<b>4,02</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>9,50</b>	kW
Nominal absorbed power	$D_3$	<b>5,72</b>	kW
<b>Declared COP</b>	<b><math>COP_3</math></b>	<b>1,66</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	<b>0,25</b>	
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Model	<b>MISAMETIC- GP50 BITZER</b>
Refrigerating Fluid	<b>R449a</b>

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

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>13,33</b>	kW
Nominal absorbed power	$D_A$	<b>5,80</b>	kW
<b>Nominal COP</b>	<b><math>COP_A</math></b>	<b>2,30</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>14,72</b>	kW
Nominal absorbed power	$D_B$	<b>5,45</b>	kW
<b>Declared COP</b>	<b><math>COP_B</math></b>	<b>2,70</b>	

<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>16,74</b>	kW
Nominal absorbed power	$D_C$	<b>4,87</b>	kW
<b>Declared COP</b>	<b><math>COP_C</math></b>	<b>3,44</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>18,75</b>	kW
Nominal absorbed power	$D_A$	<b>4,17</b>	kW
<b>Declared COP</b>	<b><math>COP_D</math></b>	<b>4,50</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>11,18</b>	kW
Nominal absorbed power	$D_3$	<b>6,25</b>	kW
<b>Declared COP</b>	<b><math>COP_3</math></b>	<b>1,79</b>	

Control of capacity	<i>fixed</i>		
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Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	<b>0,25</b>	
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Model	<b>MISAMETIC- GP75 BITZER</b>
Refrigerating Fluid	<b>R449a</b>

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	$t$	<b>-10°C</b>	°C
<b>Annual consumption of electrical energy</b>	$Q$	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	$SEPR$	<b>3,07</b>	

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>16,29</b>	kW
Nominal absorbed power	$D_A$	<b>7,37</b>	kW
<b>Nominal COP</b>	<b><math>COP_A</math></b>	<b>2,21</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>17,97</b>	kW
Nominal absorbed power	$D_B$	<b>7,02</b>	kW
<b>Declared COP</b>	<b><math>COP_B</math></b>	<b>2,56</b>	

<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>20,78</b>	kW
Nominal absorbed power	$D_C$	<b>6,35</b>	kW
<b>Declared COP</b>	<b><math>COP_C</math></b>	<b>3,27</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>23,58</b>	kW
Nominal absorbed power	$D_A$	<b>5,57</b>	kW
<b>Declared COP</b>	<b><math>COP_D</math></b>	<b>4,23</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>13,56</b>	kW
Nominal absorbed power	$D_3$	<b>7,79</b>	kW
<b>Declared COP</b>	<b><math>COP_3</math></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	$Cdc$	<b>0,25</b>	
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Model	<b>MISAMETIC- GP100 BITZER</b>		
Refrigerating Fluid	<b>R449a</b>		
Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	$t$	<b>-10°C</b>	°C
<b>Annual consumption of electrical energy</b>	$Q$	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	$SEPR$	<b>2,99</b>	
<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>20,35</b>	kW
Nominal absorbed power	$D_A$	<b>9,47</b>	kW
<b>Nominal COP</b>	$COP_A$	<b>2,15</b>	
<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>22,53</b>	kW
Nominal absorbed power	$D_B$	<b>8,94</b>	kW
<b>Declared COP</b>	$COP_B$	<b>2,52</b>	
<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>25,69</b>	kW
Nominal absorbed power	$D_C$	<b>8,08</b>	kW
<b>Declared COP</b>	$COP_C$	<b>3,18</b>	
<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>28,94</b>	kW
Nominal absorbed power	$D_A$	<b>7,06</b>	kW
<b>Declared COP</b>	$COP_D$	<b>4,10</b>	
<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>17,02</b>	kW
Nominal absorbed power	$D_3$	<b>10,07</b>	kW
<b>Declared COP</b>	$COP_3$	<b>1,69</b>	
Control of capacity	<i>fixed</i>		
Degradation coefficient of the units with a fixed and progressive capacity	$Cdc$	<b>0,25</b>	

Model **MISAMETIC- GP150 BITZER**

Refrigerating Fluid **R449a**

Element	Symbol	Value	Unit
<b>Evaporation temperature</b>	$t$	<b>-10°C</b>	°C
<b>Annual consumption of electrical energy</b>	$Q$	<b>x</b>	kWh/a
<b>Seasonal energy efficiency ratio</b>	$SEPR$	<b>3,33</b>	

**Parameters at full load and at a room temperature of 32°C  
(Point A)**

Nominal cooling capacity	$P_A$	<b>24,23</b>	kW
Nominal absorbed power	$D_A$	<b>10,77</b>	kW
<b>Nominal COP</b>	<b><math>COP_A</math></b>	<b>2,25</b>	

**Parameters at full load and at a room temperature of 25°C  
(Point B)**

Nominal cooling capacity	$P_B$	<b>26,93</b>	kW
Nominal absorbed power	$D_B$	<b>10,20</b>	kW
<b>Declared COP</b>	<b><math>COP_B</math></b>	<b>2,64</b>	

**Parameters at full load and at a room temperature of 15°C  
(Point C)**

Nominal cooling capacity	$P_C$	<b>30,79</b>	kW
Nominal absorbed power	$D_C$	<b>9,19</b>	kW
<b>Declared COP</b>	<b><math>COP_C</math></b>	<b>3,35</b>	

**Parameters at full load and at a room temperature of 5°C  
(Point D)**

Nominal cooling capacity	$P_D$	<b>34,60</b>	kW
Nominal absorbed power	$D_A$	<b>7,99</b>	kW
<b>Declared COP</b>	<b><math>COP_D</math></b>	<b>4,33</b>	

**Parameters at full load and at a room temperature of 43°C**

Nominal cooling capacity	$P_3$	<b>20,00</b>	kW
Nominal absorbed power	$D_3$	<b>11,43</b>	kW
<b>Declared COP</b>	<b><math>COP_3</math></b>	<b>1,75</b>	

Control of capacity *fixed*

Degradation coefficient of the units with a fixed and progressive capacity  $Cdc$  0,25

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Model	<b>MISAMETIC- GP200 BITZER</b>
Refrigerating Fluid	<b>R449a</b>

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

<b>Parameters at full load and at a room temperature of 32°C (Point A)</b>			
Nominal cooling capacity	$P_A$	<b>28,42</b>	kW
Nominal absorbed power	$D_A$	<b>12,74</b>	kW
<b>Nominal COP</b>	<b><math>COP_A</math></b>	<b>2,23</b>	

<b>Parameters at full load and at a room temperature of 25°C (Point B)</b>			
Nominal cooling capacity	$P_B$	<b>31,42</b>	kW
Nominal absorbed power	$D_B$	<b>11,99</b>	kW
<b>Declared COP</b>	<b><math>COP_B</math></b>	<b>2,62</b>	

<b>Parameters at full load and at a room temperature of 15°C (Point C)</b>			
Nominal cooling capacity	$P_C$	<b>35,61</b>	kW
Nominal absorbed power	$D_C$	<b>10,79</b>	kW
<b>Declared COP</b>	<b><math>COP_C</math></b>	<b>3,30</b>	

<b>Parameters at full load and at a room temperature of 5°C (Point D)</b>			
Nominal cooling capacity	$P_D$	<b>39,62</b>	kW
Nominal absorbed power	$D_A$	<b>9,37</b>	kW
<b>Declared COP</b>	<b><math>COP_D</math></b>	<b>4,23</b>	

<b>Parameters at full load and at a room temperature of 43°C</b>			
Nominal cooling capacity	$P_3$	<b>23,64</b>	kW
Nominal absorbed power	$D_3$	<b>13,59</b>	kW
<b>Declared COP</b>	<b><math>COP_3</math></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	$Cdc$	<b>0,25</b>	
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