



## Performance Data Sheet according to EU Regulation 2015/1095

COP Declaration Model: LH53E/2GES-2Y

Refrigerant: R134a

| Item                    | Symbol* | Value |     | Unit |
|-------------------------|---------|-------|-----|------|
| Evaporating temperature | t       | -10   | -35 | °C   |

### Point A: Parameters at full load and ambient temperature 32°C

|                        |                        |             |  |    |
|------------------------|------------------------|-------------|--|----|
| Rated cooling capacity | P <sub>A</sub>         | 2,46        |  | kW |
| Rated power input      | D <sub>A</sub>         | 1,13        |  | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>2,18</b> |  |    |

### Point B: Parameters at part load and ambient temperature 25°C (information only)

|                           |                        |             |  |    |
|---------------------------|------------------------|-------------|--|----|
| Declared cooling capacity | P <sub>B</sub>         | 2,68        |  | kW |
| Declared power input      | D <sub>B</sub>         | 1,06        |  | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,52</b> |  |    |

### Point E: Parameters at full load and ambient temperature 43°C (information only)

|                           |                        |             |  |    |
|---------------------------|------------------------|-------------|--|----|
| Declared cooling capacity | P <sub>E</sub>         | 2,12        |  | kW |
| Declared power input      | D <sub>E</sub>         | 1,22        |  | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>1,74</b> |  |    |

### Other items

|                         |                 |           |  |
|-------------------------|-----------------|-----------|--|
| Capacity control        | —               |           |  |
| Reference temperature   | Dew point temp. |           |  |
| Suction gas temperature | to <sub>h</sub> | 20°C      |  |
| Power voltage           | Net             | 400V/50Hz |  |

Additional document: [Declaration of Conformity AC-500](#)

### Contact details:

BITZER Kühlmaschinenbau GmbH  
Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
Internet: [www.bitzer.de](http://www.bitzer.de)

\* Symbols taken from english version of the Regulation 2015/1095



## Performance Data Sheet according to EU Regulation 2015/1095

COP Declaration Model: LH53E/2GES-2Y

Refrigerant: R404A

| Item                    | Symbol* | Value |     | Unit |
|-------------------------|---------|-------|-----|------|
| Evaporating temperature | t       | -10   | -35 | °C   |

### Point A: Parameters at full load and ambient temperature 32°C

|                        |                        |             |             |    |
|------------------------|------------------------|-------------|-------------|----|
| Rated cooling capacity | P <sub>A</sub>         | 3,96        | 1,28        | kW |
| Rated power input      | D <sub>A</sub>         | 1,92        | 1,13        | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>2,07</b> | <b>1,13</b> |    |

### Point B: Parameters at part load and ambient temperature 25°C (information only)

|                           |                        |             |             |    |
|---------------------------|------------------------|-------------|-------------|----|
| Declared cooling capacity | P <sub>B</sub>         | 4,45        | 1,49        | kW |
| Declared power input      | D <sub>B</sub>         | 1,80        | 1,13        | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,47</b> | <b>1,32</b> |    |

### Point E: Parameters at full load and ambient temperature 43°C (information only)

|                           |                        |             |             |    |
|---------------------------|------------------------|-------------|-------------|----|
| Declared cooling capacity | P <sub>E</sub>         | 3,21        | 0,96        | kW |
| Declared power input      | D <sub>E</sub>         | 2,09        | 1,13        | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>1,53</b> | <b>0,85</b> |    |

### Other items

|                         |                 |           |  |
|-------------------------|-----------------|-----------|--|
| Capacity control        | —               |           |  |
| Reference temperature   | Dew point temp. |           |  |
| Suction gas temperature | to <sub>h</sub> | 20°C      |  |
| Power voltage           | Net             | 400V/50Hz |  |

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Deutschland  
Tel +49 (0) 70 31 932-0  
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E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
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## Performance Data Sheet according to EU Regulation 2015/1095

COP Declaration Model: LH53E/2GES-2Y

Refrigerant: R407A

| Item                    | Symbol* | Value |     | Unit |
|-------------------------|---------|-------|-----|------|
| Evaporating temperature | t       | -10   | -35 | °C   |

### Point A: Parameters at full load and ambient temperature 32°C

|                        |                        |             |             |    |
|------------------------|------------------------|-------------|-------------|----|
| Rated cooling capacity | P <sub>A</sub>         | 3,85        | 1,07        | kW |
| Rated power input      | D <sub>A</sub>         | 1,75        | 0,94        | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>2,20</b> | <b>1,14</b> |    |

### Point B: Parameters at part load and ambient temperature 25°C (information only)

|                           |                        |             |             |    |
|---------------------------|------------------------|-------------|-------------|----|
| Declared cooling capacity | P <sub>B</sub>         | 4,25        | 1,22        | kW |
| Declared power input      | D <sub>B</sub>         | 1,65        | 0,93        | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,58</b> | <b>1,31</b> |    |

### Point E: Parameters at full load and ambient temperature 43°C (information only)

|                           |                        |             |             |    |
|---------------------------|------------------------|-------------|-------------|----|
| Declared cooling capacity | P <sub>E</sub>         | 3,24        | 0,83        | kW |
| Declared power input      | D <sub>E</sub>         | 1,89        | 0,93        | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>1,71</b> | <b>0,89</b> |    |

### Other items

|                         |                 |           |  |
|-------------------------|-----------------|-----------|--|
| Capacity control        | —               |           |  |
| Reference temperature   | Dew point temp. |           |  |
| Suction gas temperature | toh             | 20°C      |  |
| Power voltage           | Net             | 400V/50Hz |  |

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Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
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## Performance Data Sheet according to EU Regulation 2015/1095

COP Declaration Model: LH53E/2GES-2Y

Refrigerant: R407C

| Item                    | Symbol* | Value |     | Unit |
|-------------------------|---------|-------|-----|------|
| Evaporating temperature | t       | -10   | -35 | °C   |

### Point A: Parameters at full load and ambient temperature 32°C

|                        |                        |             |  |    |
|------------------------|------------------------|-------------|--|----|
| Rated cooling capacity | P <sub>A</sub>         | 3,82        |  | kW |
| Rated power input      | D <sub>A</sub>         | 1,72        |  | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>2,22</b> |  |    |

### Point B: Parameters at part load and ambient temperature 25°C (information only)

|                           |                        |             |  |    |
|---------------------------|------------------------|-------------|--|----|
| Declared cooling capacity | P <sub>B</sub>         | 4,16        |  | kW |
| Declared power input      | D <sub>B</sub>         | 1,60        |  | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,59</b> |  |    |

### Point E: Parameters at full load and ambient temperature 43°C (information only)

|                           |                        |             |  |    |
|---------------------------|------------------------|-------------|--|----|
| Declared cooling capacity | P <sub>E</sub>         | 3,26        |  | kW |
| Declared power input      | D <sub>E</sub>         | 1,87        |  | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>1,75</b> |  |    |

### Other items

|                         |                 |           |  |
|-------------------------|-----------------|-----------|--|
| Capacity control        | —               |           |  |
| Reference temperature   | Dew point temp. |           |  |
| Suction gas temperature | toh             | 20°C      |  |
| Power voltage           | Net             | 400V/50Hz |  |

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Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
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## Performance Data Sheet according to EU Regulation 2015/1095

COP Declaration Model: LH53E/2GES-2Y

Refrigerant: R407F

| Item                    | Symbol* | Value |     | Unit |
|-------------------------|---------|-------|-----|------|
| Evaporating temperature | t       | -10   | -35 | °C   |

### Point A: Parameters at full load and ambient temperature 32°C

|                        |                        |             |             |    |
|------------------------|------------------------|-------------|-------------|----|
| Rated cooling capacity | P <sub>A</sub>         | 4,07        | 1,14        | kW |
| Rated power input      | D <sub>A</sub>         | 1,86        | 0,98        | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>2,19</b> | <b>1,16</b> |    |

### Point B: Parameters at part load and ambient temperature 25°C (information only)

|                           |                        |             |             |    |
|---------------------------|------------------------|-------------|-------------|----|
| Declared cooling capacity | P <sub>B</sub>         | 4,47        | 1,30        | kW |
| Declared power input      | D <sub>B</sub>         | 1,74        | 0,97        | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,57</b> | <b>1,34</b> |    |

### Point E: Parameters at full load and ambient temperature 43°C (information only)

|                           |                        |             |             |    |
|---------------------------|------------------------|-------------|-------------|----|
| Declared cooling capacity | P <sub>E</sub>         | 3,45        | 0,89        | kW |
| Declared power input      | D <sub>E</sub>         | 2,02        | 0,97        | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>1,71</b> | <b>0,91</b> |    |

### Other items

|                         |                 |           |  |
|-------------------------|-----------------|-----------|--|
| Capacity control        | —               |           |  |
| Reference temperature   | Dew point temp. |           |  |
| Suction gas temperature | to <sub>h</sub> | 20°C      |  |
| Power voltage           | Net             | 400V/50Hz |  |

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BITZER Kühlmaschinenbau GmbH  
Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
Internet: [www.bitzer.de](http://www.bitzer.de)

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## Performance Data Sheet according to EU Regulation 2015/1095

COP Declaration Model: LH53E/2GES-2Y

Refrigerant: R454C

| Item                    | Symbol* | Value |     | Unit |
|-------------------------|---------|-------|-----|------|
| Evaporating temperature | t       | -10   | -35 | °C   |

### Point A: Parameters at full load and ambient temperature 32°C

|                        |                        |             |             |    |
|------------------------|------------------------|-------------|-------------|----|
| Rated cooling capacity | P <sub>A</sub>         | 3,23        | 0,82        | kW |
| Rated power input      | D <sub>A</sub>         | 1,57        | 0,84        | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>2,05</b> | <b>0,98</b> |    |

### Point B: Parameters at part load and ambient temperature 25°C (information only)

|                           |                        |             |             |    |
|---------------------------|------------------------|-------------|-------------|----|
| Declared cooling capacity | P <sub>B</sub>         | 3,61        | 0,95        | kW |
| Declared power input      | D <sub>B</sub>         | 1,51        | 0,85        | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,39</b> | <b>1,12</b> |    |

### Point E: Parameters at full load and ambient temperature 43°C (information only)

|                           |                        |             |             |    |
|---------------------------|------------------------|-------------|-------------|----|
| Declared cooling capacity | P <sub>E</sub>         | 2,60        | 0,56        | kW |
| Declared power input      | D <sub>E</sub>         | 1,67        | 0,85        | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>1,55</b> | <b>0,66</b> |    |

### Other items

|                         |                 |           |  |
|-------------------------|-----------------|-----------|--|
| Capacity control        | —               |           |  |
| Reference temperature   | Dew point temp. |           |  |
| Suction gas temperature | to <sub>h</sub> | 20°C      |  |
| Power voltage           | Net             | 400V/50Hz |  |

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BITZER Kühlmaschinenbau GmbH  
Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
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## Performance Data Sheet according to EU Regulation 2015/1095

### COP Declaration Model: LH53E/2GES-2Y

#### Refrigerant: R455A

Condensing unit with the selected refrigerant at low temperature application (LT) is only intended for deliveries outside the EU. For EU suitable condensing units, see Declaration of Conformity AC-500.

| Item                    | Symbol* | Value | Unit |
|-------------------------|---------|-------|------|
| Evaporating temperature | t       | -10   | °C   |

#### Point A: Parameters at full load and ambient temperature 32°C

|                        |                        |             |    |
|------------------------|------------------------|-------------|----|
| Rated cooling capacity | P <sub>A</sub>         | 3,09        | kW |
| Rated power input      | D <sub>A</sub>         | 1,72        | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>1,80</b> |    |

#### Point B: Parameters at part load and ambient temperature 25°C (information only)

|                           |                        |             |    |
|---------------------------|------------------------|-------------|----|
| Declared cooling capacity | P <sub>B</sub>         | 3,53        | kW |
| Declared power input      | D <sub>B</sub>         | 1,65        | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,14</b> |    |

#### Point E: Parameters at full load and ambient temperature 43°C (information only)

|                           |                        |             |    |
|---------------------------|------------------------|-------------|----|
| Declared cooling capacity | P <sub>E</sub>         | 2,46        | kW |
| Declared power input      | D <sub>E</sub>         | 1,88        | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>1,31</b> |    |

#### Other items

|                         |                 |           |  |
|-------------------------|-----------------|-----------|--|
| Capacity control        | —               |           |  |
| Reference temperature   | Dew point temp. |           |  |
| Suction gas temperature | toh             | 20°C      |  |
| Power voltage           | Net             | 400V/50Hz |  |

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#### Contact details:

BITZER Kühlmaschinenbau GmbH  
Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
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## Performance Data Sheet according to EU Regulation 2015/1095

COP Declaration Model: LH53E/2GES-2Y

Refrigerant: R507A

| Item                    | Symbol* | Value |     | Unit |
|-------------------------|---------|-------|-----|------|
| Evaporating temperature | t       | -10   | -35 | °C   |

### Point A: Parameters at full load and ambient temperature 32°C

|                        |                        |             |             |    |
|------------------------|------------------------|-------------|-------------|----|
| Rated cooling capacity | P <sub>A</sub>         | 4,06        | 1,34        | kW |
| Rated power input      | D <sub>A</sub>         | 1,92        | 1,13        | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>2,11</b> | <b>1,18</b> |    |

### Point B: Parameters at part load and ambient temperature 25°C (information only)

|                           |                        |             |             |    |
|---------------------------|------------------------|-------------|-------------|----|
| Declared cooling capacity | P <sub>B</sub>         | 4,57        | 1,56        | kW |
| Declared power input      | D <sub>B</sub>         | 1,81        | 1,13        | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,53</b> | <b>1,38</b> |    |

### Point E: Parameters at full load and ambient temperature 43°C (information only)

|                           |                        |             |             |    |
|---------------------------|------------------------|-------------|-------------|----|
| Declared cooling capacity | P <sub>E</sub>         | 3,29        | 1,01        | kW |
| Declared power input      | D <sub>E</sub>         | 2,10        | 1,13        | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>1,57</b> | <b>0,89</b> |    |

### Other items

|                         |                 |           |  |
|-------------------------|-----------------|-----------|--|
| Capacity control        | —               |           |  |
| Reference temperature   | Dew point temp. |           |  |
| Suction gas temperature | toh             | 20°C      |  |
| Power voltage           | Net             | 400V/50Hz |  |

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BITZER Kühlmaschinenbau GmbH  
Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
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## Performance Data Sheet according to EU Regulation 2015/1095

COP Declaration Model: LH53E/2GES-2Y

Refrigerant: R448A

| Item                    | Symbol* | Value |     | Unit |
|-------------------------|---------|-------|-----|------|
| Evaporating temperature | t       | -10   | -35 | °C   |

### Point A: Parameters at full load and ambient temperature 32°C

|                        |                        |             |             |    |
|------------------------|------------------------|-------------|-------------|----|
| Rated cooling capacity | P <sub>A</sub>         | 3,65        | 0,95        | kW |
| Rated power input      | D <sub>A</sub>         | 1,74        | 0,92        | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>2,09</b> | <b>1,03</b> |    |

### Point B: Parameters at part load and ambient temperature 25°C (information only)

|                           |                        |             |             |    |
|---------------------------|------------------------|-------------|-------------|----|
| Declared cooling capacity | P <sub>B</sub>         | 4,07        | 1,09        | kW |
| Declared power input      | D <sub>B</sub>         | 1,66        | 0,92        | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,45</b> | <b>1,18</b> |    |

### Point E: Parameters at full load and ambient temperature 43°C (information only)

|                           |                        |             |             |    |
|---------------------------|------------------------|-------------|-------------|----|
| Declared cooling capacity | P <sub>E</sub>         | 2,95        | 0,65        | kW |
| Declared power input      | D <sub>E</sub>         | 1,87        | 0,93        | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>1,57</b> | <b>0,70</b> |    |

### Other items

|                         |                 |           |  |
|-------------------------|-----------------|-----------|--|
| Capacity control        | —               |           |  |
| Reference temperature   | Dew point temp. |           |  |
| Suction gas temperature | to <sub>h</sub> | 20°C      |  |
| Power voltage           | Net             | 400V/50Hz |  |

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### Contact details:

BITZER Kühlmaschinenbau GmbH  
Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
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## Performance Data Sheet according to EU Regulation 2015/1095

COP Declaration Model: LH53E/2GES-2Y

Refrigerant: R449A

| Item                    | Symbol* | Value |     | Unit |
|-------------------------|---------|-------|-----|------|
| Evaporating temperature | t       | -10   | -35 | °C   |

### Point A: Parameters at full load and ambient temperature 32°C

|                        |                        |             |             |    |
|------------------------|------------------------|-------------|-------------|----|
| Rated cooling capacity | P <sub>A</sub>         | 3,63        | 0,95        | kW |
| Rated power input      | D <sub>A</sub>         | 1,74        | 0,92        | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>2,08</b> | <b>1,03</b> |    |

### Point B: Parameters at part load and ambient temperature 25°C (information only)

|                           |                        |             |             |    |
|---------------------------|------------------------|-------------|-------------|----|
| Declared cooling capacity | P <sub>B</sub>         | 4,06        | 1,09        | kW |
| Declared power input      | D <sub>B</sub>         | 1,66        | 0,92        | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,44</b> | <b>1,18</b> |    |

### Point E: Parameters at full load and ambient temperature 43°C (information only)

|                           |                        |             |             |    |
|---------------------------|------------------------|-------------|-------------|----|
| Declared cooling capacity | P <sub>E</sub>         | 2,94        | 0,65        | kW |
| Declared power input      | D <sub>E</sub>         | 1,87        | 0,93        | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>1,57</b> | <b>0,70</b> |    |

### Other items

|                         |                 |           |  |
|-------------------------|-----------------|-----------|--|
| Capacity control        | —               |           |  |
| Reference temperature   | Dew point temp. |           |  |
| Suction gas temperature | to <sub>h</sub> | 20°C      |  |
| Power voltage           | Net             | 400V/50Hz |  |

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BITZER Kühlmaschinenbau GmbH  
Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
Internet: [www.bitzer.de](http://www.bitzer.de)

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Refrigerant: R450A

| Item                    | Symbol* | Value |     | Unit |
|-------------------------|---------|-------|-----|------|
| Evaporating temperature | t       | -10   | -35 | °C   |

### Point A: Parameters at full load and ambient temperature 32°C

|                        |                        |             |  |    |
|------------------------|------------------------|-------------|--|----|
| Rated cooling capacity | P <sub>A</sub>         | 2,15        |  | kW |
| Rated power input      | D <sub>A</sub>         | 1,04        |  | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>2,07</b> |  |    |

### Point B: Parameters at part load and ambient temperature 25°C (information only)

|                           |                        |             |  |    |
|---------------------------|------------------------|-------------|--|----|
| Declared cooling capacity | P <sub>B</sub>         | 2,35        |  | kW |
| Declared power input      | D <sub>B</sub>         | 0,98        |  | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,40</b> |  |    |

### Point E: Parameters at full load and ambient temperature 43°C (information only)

|                           |                        |             |  |    |
|---------------------------|------------------------|-------------|--|----|
| Declared cooling capacity | P <sub>E</sub>         | 1,85        |  | kW |
| Declared power input      | D <sub>E</sub>         | 1,11        |  | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>1,66</b> |  |    |

### Other items

|                         |                 |           |  |
|-------------------------|-----------------|-----------|--|
| Capacity control        | —               |           |  |
| Reference temperature   | Dew point temp. |           |  |
| Suction gas temperature | to <sub>h</sub> | 20°C      |  |
| Power voltage           | Net             | 400V/50Hz |  |

Additional document: [Declaration of Conformity AC-500](#)

### Contact details:

BITZER Kühlmaschinenbau GmbH  
Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
Internet: [www.bitzer.de](http://www.bitzer.de)

\* Symbols taken from english version of the Regulation 2015/1095



## Performance Data Sheet according to EU Regulation 2015/1095

COP Declaration Model: LH53E/2GES-2Y

Refrigerant: R513A

| Item                    | Symbol* | Value |     | Unit |
|-------------------------|---------|-------|-----|------|
| Evaporating temperature | t       | -10   | -35 | °C   |

### Point A: Parameters at full load and ambient temperature 32°C

|                        |                        |             |  |    |
|------------------------|------------------------|-------------|--|----|
| Rated cooling capacity | P <sub>A</sub>         | 2,60        |  | kW |
| Rated power input      | D <sub>A</sub>         | 1,19        |  | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>2,19</b> |  |    |

### Point B: Parameters at part load and ambient temperature 25°C (information only)

|                           |                        |             |  |    |
|---------------------------|------------------------|-------------|--|----|
| Declared cooling capacity | P <sub>B</sub>         | 2,85        |  | kW |
| Declared power input      | D <sub>B</sub>         | 1,12        |  | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,54</b> |  |    |

### Point E: Parameters at full load and ambient temperature 43°C (information only)

|                           |                        |             |  |    |
|---------------------------|------------------------|-------------|--|----|
| Declared cooling capacity | P <sub>E</sub>         | 2,22        |  | kW |
| Declared power input      | D <sub>E</sub>         | 1,28        |  | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>1,74</b> |  |    |

### Other items

|                         |                 |           |  |
|-------------------------|-----------------|-----------|--|
| Capacity control        | —               |           |  |
| Reference temperature   | Dew point temp. |           |  |
| Suction gas temperature | to <sub>h</sub> | 20°C      |  |
| Power voltage           | Net             | 400V/50Hz |  |

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71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
Internet: [www.bitzer.de](http://www.bitzer.de)

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## Performance Data Sheet according to EU Regulation 2015/1095

COP Declaration Model: LH53E/2GES-2Y

Refrigerant: R1234yf

| Item                    | Symbol* | Value |     | Unit |
|-------------------------|---------|-------|-----|------|
| Evaporating temperature | t       | -10   | -35 | °C   |

### Point A: Parameters at full load and ambient temperature 32°C

|                        |                        |             |  |    |
|------------------------|------------------------|-------------|--|----|
| Rated cooling capacity | P <sub>A</sub>         | 2,51        |  | kW |
| Rated power input      | D <sub>A</sub>         | 1,15        |  | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>2,17</b> |  |    |

### Point B: Parameters at part load and ambient temperature 25°C (information only)

|                           |                        |             |  |    |
|---------------------------|------------------------|-------------|--|----|
| Declared cooling capacity | P <sub>B</sub>         | 2,75        |  | kW |
| Declared power input      | D <sub>B</sub>         | 1,08        |  | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,53</b> |  |    |

### Point E: Parameters at full load and ambient temperature 43°C (information only)

|                           |                        |             |  |    |
|---------------------------|------------------------|-------------|--|----|
| Declared cooling capacity | P <sub>E</sub>         | 2,13        |  | kW |
| Declared power input      | D <sub>E</sub>         | 1,25        |  | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>1,71</b> |  |    |

### Other items

|                         |                 |           |  |
|-------------------------|-----------------|-----------|--|
| Capacity control        | —               |           |  |
| Reference temperature   | Dew point temp. |           |  |
| Suction gas temperature | toh             | 20°C      |  |
| Power voltage           | Net             | 400V/50Hz |  |

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Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
Internet: [www.bitzer.de](http://www.bitzer.de)

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## Performance Data Sheet according to EU Regulation 2015/1095

COP Declaration Model: LH53E/2GES-2Y

Refrigerant: R1234ze

| Item                    | Symbol* | Value |     | Unit |
|-------------------------|---------|-------|-----|------|
| Evaporating temperature | t       | -10   | -35 | °C   |

### Point A: Parameters at full load and ambient temperature 32°C

|                        |                        |             |  |    |
|------------------------|------------------------|-------------|--|----|
| Rated cooling capacity | P <sub>A</sub>         | 1,87        |  | kW |
| Rated power input      | D <sub>A</sub>         | 0,92        |  | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>2,02</b> |  |    |

### Point B: Parameters at part load and ambient temperature 25°C (information only)

|                           |                        |             |  |    |
|---------------------------|------------------------|-------------|--|----|
| Declared cooling capacity | P <sub>B</sub>         | 2,05        |  | kW |
| Declared power input      | D <sub>B</sub>         | 0,87        |  | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,36</b> |  |    |

### Point E: Parameters at full load and ambient temperature 43°C (information only)

|                           |                        |             |  |    |
|---------------------------|------------------------|-------------|--|----|
| Declared cooling capacity | P <sub>E</sub>         | 1,60        |  | kW |
| Declared power input      | D <sub>E</sub>         | 0,99        |  | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>1,61</b> |  |    |

### Other items

|                         |                 |           |  |
|-------------------------|-----------------|-----------|--|
| Capacity control        | —               |           |  |
| Reference temperature   | Dew point temp. |           |  |
| Suction gas temperature | to <sub>h</sub> | 20°C      |  |
| Power voltage           | Net             | 400V/50Hz |  |

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