



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

COP Declaration Model: LH44E/2EES-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>         | 3,48        |  | kW |
| Rated power input      | D <sub>A</sub>         | 1,54        |  | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>2,27</b> |  |    |

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

|                           |                        |             |  |    |
|---------------------------|------------------------|-------------|--|----|
| Declared cooling capacity | P <sub>B</sub>         | 3,83        |  | kW |
| Declared power input      | D <sub>B</sub>         | 1,47        |  | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,61</b> |  |    |

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

|                           |                        |             |  |    |
|---------------------------|------------------------|-------------|--|----|
| Declared cooling capacity | P <sub>E</sub>         | 2,95        |  | kW |
| Declared power input      | D <sub>E</sub>         | 1,61        |  | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>1,83</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](#)

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



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

### SEPR Declaration Model: LH44E/2EES-2Y

#### Refrigerant: R404A

Condensing unit with the selected refrigerant at medium temperature application (MT) 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       | -35   | °C    |
| Annual electricity consumption    | Q       | 7955  | kWh/a |
| Seasonal Energy Performance Ratio | SEPR    | 1,74  |       |

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

|                        |                  |      |    |
|------------------------|------------------|------|----|
| Rated cooling capacity | P <sub>A</sub>   | 1,86 | kW |
| Rated power input      | D <sub>A</sub>   | 1,44 | kW |
| Rated COP              | COP <sub>A</sub> | 1,29 |    |

#### Point B: Parameters at part load and ambient temperature 25°C

|                           |                  |      |    |
|---------------------------|------------------|------|----|
| Declared cooling capacity | P <sub>B</sub>   | 2,15 | kW |
| Declared power input      | D <sub>B</sub>   | 1,44 | kW |
| Declared COP              | COP <sub>B</sub> | 1,50 |    |

#### Point C: Parameters at part load and ambient temperature 15°C

|                           |                  |      |    |
|---------------------------|------------------|------|----|
| Declared cooling capacity | P <sub>C</sub>   | 2,55 | kW |
| Declared power input      | D <sub>C</sub>   | 1,39 | kW |
| Declared COP              | COP <sub>C</sub> | 1,83 |    |

#### Point D: Parameters at part load and ambient temperature 5°C

|                           |                  |      |    |
|---------------------------|------------------|------|----|
| Declared cooling capacity | P <sub>D</sub>   | 2,93 | kW |
| Declared power input      | D <sub>D</sub>   | 1,31 | kW |
| Declared COP              | COP <sub>D</sub> | 2,24 |    |

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

|                           |                  |      |    |
|---------------------------|------------------|------|----|
| Declared cooling capacity | P <sub>E</sub>   | 1,38 | kW |
| Declared power input      | D <sub>E</sub>   | 1,39 | kW |
| Declared COP              | COP <sub>E</sub> | 0,99 |    |

#### Other items

|   |     |                 |  |
|---|-----|-----------------|--|
| Capacity control  |     | —               |  |
| Reference temperature                                       |     | Dew point temp. |  |
| Suction gas temperature                                     | toh | 20°C            |  |
| Power voltage   | Net | 400V/50Hz       |  |
| Coefficient of degradation for units w/o capacity control** | Cdc | 0,25            |  |

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

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

\*\* Since condensing units are non functional systems Cdc can not be determined by test. For this reason the default degradation coefficient Cdc (0.25) has to be applied according to EN 13215, Annex A.



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

COP Declaration Model: LH44E/2EES-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>         | 4,77        | 1,32        | kW |
| Rated power input      | D <sub>A</sub>         | 2,50        | 1,11        | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>1,91</b> | <b>1,19</b> |    |

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

|                           |                        |             |             |    |
|---------------------------|------------------------|-------------|-------------|----|
| Declared cooling capacity | P <sub>B</sub>         | 5,32        | 1,56        | kW |
| Declared power input      | D <sub>B</sub>         | 2,40        | 1,13        | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,21</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>         | --        | 0,97        | kW |
| Declared power input      | D <sub>E</sub>         | --        | 1,04        | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>--</b> | <b>0,93</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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## Performance Data Sheet according to EU Regulation 2015/1095

COP Declaration Model: LH44E/2EES-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>         | 4,75        |  | kW |
| Rated power input      | D <sub>A</sub>         | 2,43        |  | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>1,96</b> |  |    |

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

|                           |                        |             |  |    |
|---------------------------|------------------------|-------------|--|----|
| Declared cooling capacity | P <sub>B</sub>         | 5,26        |  | kW |
| Declared power input      | D <sub>B</sub>         | 2,33        |  | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,26</b> |  |    |

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

|                           |                        |           |  |    |
|---------------------------|------------------------|-----------|--|----|
| Declared cooling capacity | P <sub>E</sub>         | --        |  | kW |
| Declared power input      | D <sub>E</sub>         | --        |  | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>--</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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## Performance Data Sheet according to EU Regulation 2015/1095

### SEPR Declaration Model: LH44E/2EES-2Y

#### Refrigerant: R407F

Condensing unit with the selected refrigerant at medium temperature application (MT) 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       | -35   | °C    |
| Annual electricity consumption    | Q       | 6662  | kWh/a |
| Seasonal Energy Performance Ratio | SEPR    | 1,59  |       |

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

|                        |                  |      |    |
|------------------------|------------------|------|----|
| Rated cooling capacity | P <sub>A</sub>   | 1,42 | kW |
| Rated power input      | D <sub>A</sub>   | 1,17 | kW |
| Rated COP              | COP <sub>A</sub> | 1,21 |    |

#### Point B: Parameters at part load and ambient temperature 25°C

|                           |                  |      |    |
|---------------------------|------------------|------|----|
| Declared cooling capacity | P <sub>B</sub>   | 1,66 | kW |
| Declared power input      | D <sub>B</sub>   | 1,19 | kW |
| Declared COP              | COP <sub>B</sub> | 1,39 |    |

#### Point C: Parameters at part load and ambient temperature 15°C

|                           |                  |      |    |
|---------------------------|------------------|------|----|
| Declared cooling capacity | P <sub>C</sub>   | 2,01 | kW |
| Declared power input      | D <sub>C</sub>   | 1,19 | kW |
| Declared COP              | COP <sub>C</sub> | 1,69 |    |

#### Point D: Parameters at part load and ambient temperature 5°C

|                           |                  |      |    |
|---------------------------|------------------|------|----|
| Declared cooling capacity | P <sub>D</sub>   | 2,35 | kW |
| Declared power input      | D <sub>D</sub>   | 1,16 | kW |
| Declared COP              | COP <sub>D</sub> | 2,03 |    |

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

|                           |                  |      |    |
|---------------------------|------------------|------|----|
| Declared cooling capacity | P <sub>E</sub>   | 1,04 | kW |
| Declared power input      | D <sub>E</sub>   | 1,10 | kW |
| Declared COP              | COP <sub>E</sub> | 0,94 |    |

#### Other items

|   |     |                 |  |
|---|-----|-----------------|--|
| Capacity control  |     | —               |  |
| Reference temperature                                       |     | Dew point temp. |  |
| Suction gas temperature                                     | toh | 20°C            |  |
| Power voltage   | Net | 400V/50Hz       |  |
| Coefficient of degradation for units w/o capacity control** | Cdc | 0,25            |  |

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

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

COP Declaration Model: LH44E/2EES-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>         | 4,42        | 1,28        | kW |
| Rated power input      | D <sub>A</sub>         | 2,31        | 1,08        | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>1,91</b> | <b>1,19</b> |    |

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

|                           |                        |             |             |    |
|---------------------------|------------------------|-------------|-------------|----|
| Declared cooling capacity | P <sub>B</sub>         | 4,93        | 1,50        | kW |
| Declared power input      | D <sub>B</sub>         | 2,23        | 1,10        | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,21</b> | <b>1,37</b> |    |

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

|                           |                        |           |             |    |
|---------------------------|------------------------|-----------|-------------|----|
| Declared cooling capacity | P <sub>E</sub>         | --        | 0,94        | kW |
| Declared power input      | D <sub>E</sub>         | --        | 1,01        | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>--</b> | <b>0,94</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](#)

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

COP Declaration Model: LH44E/2EES-2Y

Refrigerant: R455A

| 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>         | 4,26        | 1,19        | kW |
| Rated power input      | D <sub>A</sub>         | 2,51        | 1,10        | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>1,69</b> | <b>1,08</b> |    |

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

|                           |                        |             |             |    |
|---------------------------|------------------------|-------------|-------------|----|
| Declared cooling capacity | P <sub>B</sub>         | 4,80        | 1,43        | kW |
| Declared power input      | D <sub>B</sub>         | 2,44        | 1,14        | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>1,97</b> | <b>1,25</b> |    |

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

|                           |                        |    |    |    |
|---------------------------|------------------------|----|----|----|
| Declared cooling capacity | P <sub>E</sub>         | -- | -- | kW |
| Declared power input      | D <sub>E</sub>         | -- | -- | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></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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## Performance Data Sheet according to EU Regulation 2015/1095

### SEPR Declaration Model: LH44E/2EES-2Y

#### Refrigerant: R507A

| Item                              | Symbol* | Value |      | Unit  |
|-----------------------------------|---------|-------|------|-------|
| Evaporating temperature           | t       | -10   | -35  | °C    |
| Annual electricity consumption    | Q       | 12766 | 7976 | kWh/a |
| Seasonal Energy Performance Ratio | SEPR    | 2,55  | 1,82 |       |

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

|                        |                        |             |             |    |
|------------------------|------------------------|-------------|-------------|----|
| Rated cooling capacity | P <sub>A</sub>         | 5,29        | 1,95        | kW |
| Rated power input      | D <sub>A</sub>         | 2,82        | 1,44        | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>1,88</b> | <b>1,35</b> |    |

#### Point B: Parameters at part load and ambient temperature 25°C

|                           |                        |             |             |    |
|---------------------------|------------------------|-------------|-------------|----|
| Declared cooling capacity | P <sub>B</sub>         | 6,01        | 2,25        | kW |
| Declared power input      | D <sub>B</sub>         | 2,72        | 1,44        | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,21</b> | <b>1,57</b> |    |

#### Point C: Parameters at part load and ambient temperature 15°C

|                           |                        |             |             |    |
|---------------------------|------------------------|-------------|-------------|----|
| Declared cooling capacity | P <sub>C</sub>         | 7,01        | 2,67        | kW |
| Declared power input      | D <sub>C</sub>         | 2,54        | 1,39        | kW |
| <b>Declared COP</b>       | <b>COP<sub>C</sub></b> | <b>2,76</b> | <b>1,91</b> |    |

#### Point D: Parameters at part load and ambient temperature 5°C

|                           |                        |             |             |    |
|---------------------------|------------------------|-------------|-------------|----|
| Declared cooling capacity | P <sub>D</sub>         | 7,97        | 3,07        | kW |
| Declared power input      | D <sub>D</sub>         | 2,31        | 1,31        | kW |
| <b>Declared COP</b>       | <b>COP<sub>D</sub></b> | <b>3,45</b> | <b>2,34</b> |    |

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

|                           |                        |             |             |    |
|---------------------------|------------------------|-------------|-------------|----|
| Declared cooling capacity | P <sub>E</sub>         | 4,14        | 1,45        | kW |
| Declared power input      | D <sub>E</sub>         | 2,91        | 1,39        | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>1,42</b> | <b>1,04</b> |    |

#### Other items

|   |                 |           |  |  |
|---|-----------------|-----------|--|--|
| Capacity control  | —               |           |  |  |
| Reference temperature                                       | Dew point temp. |           |  |  |
| Suction gas temperature                                     | toh             | 20°C      |  |  |
| Power voltage   | Net             | 400V/50Hz |  |  |
| Coefficient of degradation for units w/o capacity control** | Cdc             | 0,25      |  |  |

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

COP Declaration Model: LH44E/2EES-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>         | 4,93        | 1,44        | kW |
| Rated power input      | D <sub>A</sub>         | 2,60        | 1,18        | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>1,90</b> | <b>1,23</b> |    |

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

|                           |                        |             |             |    |
|---------------------------|------------------------|-------------|-------------|----|
| Declared cooling capacity | P <sub>B</sub>         | 5,49        | 1,69        | kW |
| Declared power input      | D <sub>B</sub>         | 2,50        | 1,20        | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,20</b> | <b>1,41</b> |    |

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

|                           |                        |           |             |    |
|---------------------------|------------------------|-----------|-------------|----|
| Declared cooling capacity | P <sub>E</sub>         | --        | 1,07        | kW |
| Declared power input      | D <sub>E</sub>         | --        | 1,10        | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>--</b> | <b>0,97</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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\* Symbols taken from english version of the Regulation 2015/1095



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

COP Declaration Model: LH44E/2EES-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>         | 4,91        | 1,44        | kW |
| Rated power input      | D <sub>A</sub>         | 2,60        | 1,18        | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>1,89</b> | <b>1,23</b> |    |

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

|                           |                        |             |             |    |
|---------------------------|------------------------|-------------|-------------|----|
| Declared cooling capacity | P <sub>B</sub>         | 5,47        | 1,69        | kW |
| Declared power input      | D <sub>B</sub>         | 2,50        | 1,20        | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,19</b> | <b>1,41</b> |    |

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

|                           |                        |           |             |    |
|---------------------------|------------------------|-----------|-------------|----|
| Declared cooling capacity | P <sub>E</sub>         | --        | 1,07        | kW |
| Declared power input      | D <sub>E</sub>         | --        | 1,10        | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>--</b> | <b>0,97</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](#)

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

COP Declaration Model: LH44E/2EES-2Y

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>         | 3,08        |  | kW |
| Rated power input      | D <sub>A</sub>         | 1,37        |  | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>2,24</b> |  |    |

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

|                           |                        |             |  |    |
|---------------------------|------------------------|-------------|--|----|
| Declared cooling capacity | P <sub>B</sub>         | 3,38        |  | kW |
| Declared power input      | D <sub>B</sub>         | 1,31        |  | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,58</b> |  |    |

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

|                           |                        |             |  |    |
|---------------------------|------------------------|-------------|--|----|
| Declared cooling capacity | P <sub>E</sub>         | 2,60        |  | kW |
| Declared power input      | D <sub>E</sub>         | 1,44        |  | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>1,80</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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## Performance Data Sheet according to EU Regulation 2015/1095

COP Declaration Model: LH44E/2EES-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>         | 3,65        |  | kW |
| Rated power input      | D <sub>A</sub>         | 1,62        |  | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>2,25</b> |  |    |

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

|                           |                        |             |  |    |
|---------------------------|------------------------|-------------|--|----|
| Declared cooling capacity | P <sub>B</sub>         | 4,03        |  | kW |
| Declared power input      | D <sub>B</sub>         | 1,55        |  | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,60</b> |  |    |

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

|                           |                        |             |  |    |
|---------------------------|------------------------|-------------|--|----|
| Declared cooling capacity | P <sub>E</sub>         | 3,06        |  | kW |
| Declared power input      | D <sub>E</sub>         | 1,70        |  | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>1,80</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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## Performance Data Sheet according to EU Regulation 2015/1095

COP Declaration Model: LH44E/2EES-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>         | 3,52        |  | kW |
| Rated power input      | D <sub>A</sub>         | 1,60        |  | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>2,21</b> |  |    |

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

|                           |                        |             |  |    |
|---------------------------|------------------------|-------------|--|----|
| Declared cooling capacity | P <sub>B</sub>         | 3,90        |  | kW |
| Declared power input      | D <sub>B</sub>         | 1,52        |  | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,56</b> |  |    |

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

|                           |                        |             |  |    |
|---------------------------|------------------------|-------------|--|----|
| Declared cooling capacity | P <sub>E</sub>         | 2,95        |  | kW |
| Declared power input      | D <sub>E</sub>         | 1,69        |  | 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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## Performance Data Sheet according to EU Regulation 2015/1095

COP Declaration Model: LH44E/2EES-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>         | 2,70        |  | kW |
| Rated power input      | D <sub>A</sub>         | 1,19        |  | kW |
| <b>Rated COP</b>       | <b>COP<sub>A</sub></b> | <b>2,26</b> |  |    |

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

|                           |                        |             |  |    |
|---------------------------|------------------------|-------------|--|----|
| Declared cooling capacity | P <sub>B</sub>         | 2,97        |  | kW |
| Declared power input      | D <sub>B</sub>         | 1,14        |  | kW |
| <b>Declared COP</b>       | <b>COP<sub>B</sub></b> | <b>2,61</b> |  |    |

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

|                           |                        |             |  |    |
|---------------------------|------------------------|-------------|--|----|
| Declared cooling capacity | P <sub>E</sub>         | 2,28        |  | kW |
| Declared power input      | D <sub>E</sub>         | 1,26        |  | kW |
| <b>Declared COP</b>       | <b>COP<sub>E</sub></b> | <b>1,81</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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