



Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH124E/4TES-9Y

Refrigerant: R134a

| Item | Symbol* | Value | | Unit |
|-----------------------------------|---------|-------|-----|-------|
| Evaporating temperature | t | -10 | -35 | °C |
| Annual electricity consumption | Q | 24576 | | kWh/a |
| Seasonal Energy Performance Ratio | SEPR | 3,45 | | |

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

| | | | | |
|------------------------|------------------|-------|--|----|
| Rated cooling capacity | P _A | 13,79 | | kW |
| Rated power input | D _A | 5,36 | | kW |
| Rated COP | COP _A | 2,57 | | |

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

| | | | | |
|---------------------------|------------------|-------|--|----|
| Declared cooling capacity | P _B | 15,18 | | kW |
| Declared power input | D _B | 5,09 | | kW |
| Declared COP | COP _B | 2,98 | | |

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

| | | | | |
|---------------------------|------------------|-------|--|----|
| Declared cooling capacity | P _C | 17,04 | | kW |
| Declared power input | D _C | 4,63 | | kW |
| Declared COP | COP _C | 3,68 | | |

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

| | | | | |
|---------------------------|------------------|-------|--|----|
| Declared cooling capacity | P _D | 18,72 | | kW |
| Declared power input | D _D | 4,07 | | kW |
| Declared COP | COP _D | 4,60 | | |

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

| | | | | |
|---------------------------|------------------|-------|--|----|
| Declared cooling capacity | P _E | 11,57 | | kW |
| Declared power input | D _E | 5,69 | | kW |
| Declared COP | COP _E | 2,03 | | |

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

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Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH124E/4TES-9Y

Refrigerant: R404A

| Item | Symbol* | Value | | Unit |
|-----------------------------------|---------|-------|-------|-------|
| Evaporating temperature | t | -10 | -35 | °C |
| Annual electricity consumption | Q | 43977 | 28283 | kWh/a |
| Seasonal Energy Performance Ratio | SEPR | 3,03 | 1,89 | |

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

| | | | | |
|------------------------|------------------|-------|------|----|
| Rated cooling capacity | P _A | 21,7 | 7,17 | kW |
| Rated power input | D _A | 10,00 | 5,10 | kW |
| Rated COP | COP _A | 2,17 | 1,41 | |

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

| | | | | |
|---------------------------|------------------|------|------|----|
| Declared cooling capacity | P _B | 24,3 | 8,26 | kW |
| Declared power input | D _B | 9,46 | 5,03 | kW |
| Declared COP | COP _B | 2,57 | 1,64 | |

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

| | | | | |
|---------------------------|------------------|------|------|----|
| Declared cooling capacity | P _C | 28,0 | 9,87 | kW |
| Declared power input | D _C | 8,62 | 4,92 | kW |
| Declared COP | COP _C | 3,25 | 2,01 | |

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

| | | | | |
|---------------------------|------------------|------|-------|----|
| Declared cooling capacity | P _D | 31,8 | 11,52 | kW |
| Declared power input | D _D | 7,68 | 4,77 | kW |
| Declared COP | COP _D | 4,14 | 2,41 | |

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

| | | | | |
|---------------------------|------------------|-------|------|----|
| Declared cooling capacity | P _E | 17,56 | 5,51 | kW |
| Declared power input | D _E | 10,75 | 5,14 | kW |
| Declared COP | COP _E | 1,63 | 1,07 | |

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

SEPR Declaration Model: LH124E/4TES-9Y

Refrigerant: R407A

| Item | Symbol* | Value | | Unit |
|-----------------------------------|---------|-------|-------|-------|
| Evaporating temperature | t | -10 | -35 | °C |
| Annual electricity consumption | Q | 39366 | 23662 | kWh/a |
| Seasonal Energy Performance Ratio | SEPR | 3,06 | 1,69 | |

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

| | | | | |
|------------------------|------------------|-------|------|----|
| Rated cooling capacity | P _A | 19,62 | 5,37 | kW |
| Rated power input | D _A | 8,83 | 4,19 | kW |
| Rated COP | COP _A | 2,22 | 1,28 | |

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

| | | | | |
|---------------------------|------------------|------|------|----|
| Declared cooling capacity | P _B | 21,8 | 6,23 | kW |
| Declared power input | D _B | 8,38 | 4,21 | kW |
| Declared COP | COP _B | 2,60 | 1,48 | |

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

| | | | | |
|---------------------------|------------------|------|------|----|
| Declared cooling capacity | P _C | 24,9 | 7,47 | kW |
| Declared power input | D _C | 7,60 | 4,16 | kW |
| Declared COP | COP _C | 3,27 | 1,80 | |

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

| | | | | |
|---------------------------|------------------|------|------|----|
| Declared cooling capacity | P _D | 27,9 | 8,68 | kW |
| Declared power input | D _D | 6,68 | 4,01 | kW |
| Declared COP | COP _D | 4,18 | 2,16 | |

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

| | | | | |
|---------------------------|------------------|-------|----|----|
| Declared cooling capacity | P _E | 16,26 | -- | kW |
| Declared power input | D _E | 9,40 | -- | kW |
| Declared COP | COP _E | 1,73 | -- | |

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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SEPR Declaration Model: LH124E/4TES-9Y

Refrigerant: R407C

| Item | Symbol* | Value | | Unit |
|-----------------------------------|---------|-------|-----|-------|
| Evaporating temperature | t | -10 | -35 | °C |
| Annual electricity consumption | Q | 37145 | | kWh/a |
| Seasonal Energy Performance Ratio | SEPR | 3,11 | | |

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

| | | | | |
|------------------------|------------------|-------|--|----|
| Rated cooling capacity | P _A | 18,80 | | kW |
| Rated power input | D _A | 8,34 | | kW |
| Rated COP | COP _A | 2,25 | | |

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

| | | | | |
|---------------------------|------------------|------|--|----|
| Declared cooling capacity | P _B | 20,8 | | kW |
| Declared power input | D _B | 7,92 | | kW |
| Declared COP | COP _B | 2,63 | | |

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

| | | | | |
|---------------------------|------------------|------|--|----|
| Declared cooling capacity | P _C | 23,7 | | kW |
| Declared power input | D _C | 7,14 | | kW |
| Declared COP | COP _C | 3,31 | | |

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

| | | | | |
|---------------------------|------------------|------|--|----|
| Declared cooling capacity | P _D | 26,3 | | kW |
| Declared power input | D _D | 6,19 | | kW |
| Declared COP | COP _D | 4,25 | | |

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

| | | | | |
|---------------------------|------------------|----|--|----|
| Declared cooling capacity | P _E | -- | | kW |
| Declared power input | D _E | -- | | kW |
| Declared COP | COP _E | -- | | |

Other items

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

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SEPR Declaration Model: LH124E/4TES-9Y

Refrigerant: R407F

| Item | Symbol* | Value | | Unit |
|-----------------------------------|---------|-------|-------|-------|
| Evaporating temperature | t | -10 | -35 | °C |
| Annual electricity consumption | Q | 41213 | 23968 | kWh/a |
| Seasonal Energy Performance Ratio | SEPR | 3,04 | 1,73 | |

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

| | | | | |
|------------------------|------------------|------|------|----|
| Rated cooling capacity | P _A | 20,4 | 5,55 | kW |
| Rated power input | D _A | 9,34 | 4,28 | kW |
| Rated COP | COP _A | 2,18 | 1,29 | |

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

| | | | | |
|---------------------------|------------------|------|------|----|
| Declared cooling capacity | P _B | 22,6 | 6,52 | kW |
| Declared power input | D _B | 8,84 | 4,34 | kW |
| Declared COP | COP _B | 2,56 | 1,50 | |

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

| | | | | |
|---------------------------|------------------|------|------|----|
| Declared cooling capacity | P _C | 25,8 | 7,92 | kW |
| Declared power input | D _C | 7,97 | 4,31 | kW |
| Declared COP | COP _C | 3,24 | 1,83 | |

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

| | | | | |
|---------------------------|------------------|------|------|----|
| Declared cooling capacity | P _D | 29,1 | 9,31 | kW |
| Declared power input | D _D | 6,96 | 4,18 | kW |
| Declared COP | COP _D | 4,18 | 2,23 | |

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

| | | | | |
|---------------------------|------------------|-------|----|----|
| Declared cooling capacity | P _E | 16,92 | -- | kW |
| Declared power input | D _E | 9,95 | -- | kW |
| Declared COP | COP _E | 1,70 | -- | |

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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SEPR Declaration Model: LH124E/4TES-9Y

Refrigerant: R454C

| Item | Symbol* | Value | | Unit |
|-----------------------------------|---------|-------|-------|-------|
| Evaporating temperature | t | -10 | -35 | °C |
| Annual electricity consumption | Q | 36018 | 21876 | kWh/a |
| Seasonal Energy Performance Ratio | SEPR | 2,98 | 1,61 | |

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

| | | | | |
|------------------------|------------------|-------|------|----|
| Rated cooling capacity | P _A | 17,45 | 4,73 | kW |
| Rated power input | D _A | 7,91 | 3,81 | kW |
| Rated COP | COP _A | 2,21 | 1,24 | |

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

| | | | | |
|---------------------------|------------------|-------|------|----|
| Declared cooling capacity | P _B | 19,43 | 5,49 | kW |
| Declared power input | D _B | 7,55 | 3,78 | kW |
| Declared COP | COP _B | 2,57 | 1,45 | |

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

| | | | | |
|---------------------------|------------------|------|------|----|
| Declared cooling capacity | P _C | 22,4 | 6,67 | kW |
| Declared power input | D _C | 6,97 | 3,80 | kW |
| Declared COP | COP _C | 3,21 | 1,75 | |

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

| | | | | |
|---------------------------|------------------|------|------|----|
| Declared cooling capacity | P _D | 25,5 | 7,81 | kW |
| Declared power input | D _D | 6,36 | 3,91 | kW |
| Declared COP | COP _D | 4,00 | 2,00 | |

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

| | | | | |
|---------------------------|------------------|-------|------|----|
| Declared cooling capacity | P _E | 14,36 | 3,61 | kW |
| Declared power input | D _E | 8,41 | 3,89 | kW |
| Declared COP | COP _E | 1,71 | 0,93 | |

Other items

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

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SEPR Declaration Model: LH124E/4TES-9Y

Refrigerant: R455A

| Item | Symbol* | Value | | Unit |
|-----------------------------------|---------|-------|-------|-------|
| Evaporating temperature | t | -10 | -35 | °C |
| Annual electricity consumption | Q | 39739 | 22261 | kWh/a |
| Seasonal Energy Performance Ratio | SEPR | 2,62 | 1,51 | |

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

| | | | | |
|------------------------|------------------|-------|------|----|
| Rated cooling capacity | P _A | 16,96 | 4,52 | kW |
| Rated power input | D _A | 8,78 | 4,10 | kW |
| Rated COP | COP _A | 1,93 | 1,10 | |

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

| | | | | |
|---------------------------|------------------|-------|------|----|
| Declared cooling capacity | P _B | 19,06 | 5,30 | kW |
| Declared power input | D _B | 8,40 | 4,04 | kW |
| Declared COP | COP _B | 2,27 | 1,31 | |

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

| | | | | |
|---------------------------|------------------|------|------|----|
| Declared cooling capacity | P _C | 22,1 | 6,50 | kW |
| Declared power input | D _C | 7,79 | 3,99 | kW |
| Declared COP | COP _C | 2,83 | 1,63 | |

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

| | | | | |
|---------------------------|------------------|------|------|----|
| Declared cooling capacity | P _D | 25,2 | 7,81 | kW |
| Declared power input | D _D | 7,12 | 4,01 | kW |
| Declared COP | COP _D | 3,54 | 1,95 | |

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

| | | | | |
|---------------------------|------------------|----|----|----|
| Declared cooling capacity | P _E | -- | -- | kW |
| Declared power input | D _E | -- | -- | kW |
| Declared COP | COP _E | -- | -- | |

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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SEPR Declaration Model: LH124E/4TES-9Y

Refrigerant: R507A

| Item | Symbol* | Value | | Unit |
|-----------------------------------|---------|-------|-------|-------|
| Evaporating temperature | t | -10 | -35 | °C |
| Annual electricity consumption | Q | 44083 | 28308 | kWh/a |
| Seasonal Energy Performance Ratio | SEPR | 3,09 | 1,98 | |

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

| | | | | |
|------------------------|------------------|-------|------|----|
| Rated cooling capacity | P _A | 22,2 | 7,51 | kW |
| Rated power input | D _A | 10,02 | 5,10 | kW |
| Rated COP | COP _A | 2,21 | 1,47 | |

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

| | | | | |
|---------------------------|------------------|------|------|----|
| Declared cooling capacity | P _B | 24,9 | 8,65 | kW |
| Declared power input | D _B | 9,49 | 5,04 | kW |
| Declared COP | COP _B | 2,62 | 1,72 | |

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

| | | | | |
|---------------------------|------------------|------|-------|----|
| Declared cooling capacity | P _C | 28,8 | 10,33 | kW |
| Declared power input | D _C | 8,65 | 4,92 | kW |
| Declared COP | COP _C | 3,32 | 2,10 | |

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

| | | | | |
|---------------------------|------------------|------|-------|----|
| Declared cooling capacity | P _D | 32,7 | 12,07 | kW |
| Declared power input | D _D | 7,73 | 4,78 | kW |
| Declared COP | COP _D | 4,23 | 2,53 | |

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

| | | | | |
|---------------------------|------------------|-------|------|----|
| Declared cooling capacity | P _E | 17,90 | 5,78 | kW |
| Declared power input | D _E | 10,76 | 5,14 | kW |
| Declared COP | COP _E | 1,66 | 1,12 | |

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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SEPR Declaration Model: LH124E/4TES-9Y

Refrigerant: R448A

| Item | Symbol* | Value | | Unit |
|-----------------------------------|---------|-------|-------|-------|
| Evaporating temperature | t | -10 | -35 | °C |
| Annual electricity consumption | Q | 40069 | 24679 | kWh/a |
| Seasonal Energy Performance Ratio | SEPR | 3,09 | 1,73 | |

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

| | | | | |
|------------------------|------------------|------|------|----|
| Rated cooling capacity | P _A | 20,1 | 5,74 | kW |
| Rated power input | D _A | 9,10 | 4,30 | kW |
| Rated COP | COP _A | 2,21 | 1,33 | |

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

| | | | | |
|---------------------------|------------------|------|------|----|
| Declared cooling capacity | P _B | 22,3 | 6,63 | kW |
| Declared power input | D _B | 8,60 | 4,35 | kW |
| Declared COP | COP _B | 2,60 | 1,52 | |

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

| | | | | |
|---------------------------|------------------|------|------|----|
| Declared cooling capacity | P _C | 25,5 | 7,93 | kW |
| Declared power input | D _C | 7,76 | 4,33 | kW |
| Declared COP | COP _C | 3,29 | 1,83 | |

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

| | | | | |
|---------------------------|------------------|------|------|----|
| Declared cooling capacity | P _D | 28,8 | 9,27 | kW |
| Declared power input | D _D | 6,78 | 4,19 | kW |
| Declared COP | COP _D | 4,24 | 2,21 | |

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

| | | | | |
|---------------------------|------------------|-------|------|----|
| Declared cooling capacity | P _E | 16,66 | 4,37 | kW |
| Declared power input | D _E | 9,69 | 4,08 | kW |
| Declared COP | COP _E | 1,72 | 1,07 | |

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

SEPR Declaration Model: LH124E/4TES-9Y

Refrigerant: R449A

| Item | Symbol* | Value | | Unit |
|-----------------------------------|---------|-------|-------|-------|
| Evaporating temperature | t | -10 | -35 | °C |
| Annual electricity consumption | Q | 40012 | 24666 | kWh/a |
| Seasonal Energy Performance Ratio | SEPR | 3,08 | 1,73 | |

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

| | | | | |
|------------------------|------------------|------|------|----|
| Rated cooling capacity | P _A | 20,0 | 5,73 | kW |
| Rated power input | D _A | 9,09 | 4,30 | kW |
| Rated COP | COP _A | 2,20 | 1,33 | |

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

| | | | | |
|---------------------------|------------------|------|------|----|
| Declared cooling capacity | P _B | 22,3 | 6,63 | kW |
| Declared power input | D _B | 8,60 | 4,35 | kW |
| Declared COP | COP _B | 2,59 | 1,52 | |

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

| | | | | |
|---------------------------|------------------|------|------|----|
| Declared cooling capacity | P _C | 25,5 | 7,94 | kW |
| Declared power input | D _C | 7,76 | 4,33 | kW |
| Declared COP | COP _C | 3,28 | 1,83 | |

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

| | | | | |
|---------------------------|------------------|------|------|----|
| Declared cooling capacity | P _D | 28,7 | 9,27 | kW |
| Declared power input | D _D | 6,78 | 4,19 | kW |
| Declared COP | COP _D | 4,23 | 2,21 | |

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

| | | | | |
|---------------------------|------------------|-------|------|----|
| Declared cooling capacity | P _E | 16,57 | 4,37 | kW |
| Declared power input | D _E | 9,69 | 4,08 | kW |
| Declared COP | COP _E | 1,71 | 1,07 | |

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

SEPR Declaration Model: LH124E/4TES-9Y

Refrigerant: R450A

| Item | Symbol* | Value | | Unit |
|-----------------------------------|---------|-------|-----|-------|
| Evaporating temperature | t | -10 | -35 | °C |
| Annual electricity consumption | Q | 22243 | | kWh/a |
| Seasonal Energy Performance Ratio | SEPR | 3,35 | | |

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

| | | | | |
|------------------------|------------------|-------|--|----|
| Rated cooling capacity | P _A | 12,12 | | kW |
| Rated power input | D _A | 4,79 | | kW |
| Rated COP | COP _A | 2,53 | | |

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

| | | | | |
|---------------------------|------------------|-------|--|----|
| Declared cooling capacity | P _B | 13,35 | | kW |
| Declared power input | D _B | 4,55 | | kW |
| Declared COP | COP _B | 2,93 | | |

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

| | | | | |
|---------------------------|------------------|-------|--|----|
| Declared cooling capacity | P _C | 15,01 | | kW |
| Declared power input | D _C | 4,17 | | kW |
| Declared COP | COP _C | 3,60 | | |

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

| | | | | |
|---------------------------|------------------|-------|--|----|
| Declared cooling capacity | P _D | 16,48 | | kW |
| Declared power input | D _D | 3,74 | | kW |
| Declared COP | COP _D | 4,41 | | |

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

| | | | | |
|---------------------------|------------------|-------|--|----|
| Declared cooling capacity | P _E | 10,13 | | kW |
| Declared power input | D _E | 5,09 | | kW |
| Declared COP | COP _E | 1,99 | | |

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 | |

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Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH124E/4TES-9Y

Refrigerant: R513A

| Item | Symbol* | Value | | Unit |
|-----------------------------------|---------|-------|-----|-------|
| Evaporating temperature | t | -10 | -35 | °C |
| Annual electricity consumption | Q | 25858 | | kWh/a |
| Seasonal Energy Performance Ratio | SEPR | 3,46 | | |

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

| | | | | |
|------------------------|------------------|-------|--|----|
| Rated cooling capacity | P _A | 14,56 | | kW |
| Rated power input | D _A | 5,66 | | kW |
| Rated COP | COP _A | 2,57 | | |

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

| | | | | |
|---------------------------|------------------|-------|--|----|
| Declared cooling capacity | P _B | 16,09 | | kW |
| Declared power input | D _B | 5,39 | | kW |
| Declared COP | COP _B | 2,99 | | |

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

| | | | | |
|---------------------------|------------------|-------|--|----|
| Declared cooling capacity | P _C | 18,16 | | kW |
| Declared power input | D _C | 4,90 | | kW |
| Declared COP | COP _C | 3,70 | | |

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

| | | | | |
|---------------------------|------------------|------|--|----|
| Declared cooling capacity | P _D | 20,0 | | kW |
| Declared power input | D _D | 4,33 | | kW |
| Declared COP | COP _D | 4,63 | | |

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

| | | | | |
|---------------------------|------------------|-------|--|----|
| Declared cooling capacity | P _E | 12,11 | | kW |
| Declared power input | D _E | 6,00 | | kW |
| Declared COP | COP _E | 2,02 | | |

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

SEPR Declaration Model: LH124E/4TES-9Y

Refrigerant: R1234yf

| Item | Symbol* | Value | | Unit |
|-----------------------------------|---------|-------|-----|-------|
| Evaporating temperature | t | -10 | -35 | °C |
| Annual electricity consumption | Q | 25077 | | kWh/a |
| Seasonal Energy Performance Ratio | SEPR | 3,44 | | |

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

| | | | | |
|------------------------|------------------|-------|--|----|
| Rated cooling capacity | P _A | 14,04 | | kW |
| Rated power input | D _A | 5,57 | | kW |
| Rated COP | COP _A | 2,52 | | |

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

| | | | | |
|---------------------------|------------------|-------|--|----|
| Declared cooling capacity | P _B | 15,55 | | kW |
| Declared power input | D _B | 5,29 | | kW |
| Declared COP | COP _B | 2,94 | | |

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

| | | | | |
|---------------------------|------------------|-------|--|----|
| Declared cooling capacity | P _C | 17,62 | | kW |
| Declared power input | D _C | 4,79 | | kW |
| Declared COP | COP _C | 3,68 | | |

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

| | | | | |
|---------------------------|------------------|-------|--|----|
| Declared cooling capacity | P _D | 19,52 | | kW |
| Declared power input | D _D | 4,20 | | kW |
| Declared COP | COP _D | 4,65 | | |

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

| | | | | |
|---------------------------|------------------|-------|--|----|
| Declared cooling capacity | P _E | 11,66 | | kW |
| Declared power input | D _E | 5,93 | | kW |
| Declared COP | COP _E | 1,97 | | |

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

SEPR Declaration Model: LH124E/4TES-9Y

Refrigerant: R1234ze

| Item | Symbol* | Value | | Unit |
|-----------------------------------|---------|-------|-----|-------|
| Evaporating temperature | t | -10 | -35 | °C |
| Annual electricity consumption | Q | 20702 | | kWh/a |
| Seasonal Energy Performance Ratio | SEPR | 3,14 | | |

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

| | | | | |
|------------------------|------------------|-------|--|----|
| Rated cooling capacity | P _A | 10,59 | | kW |
| Rated power input | D _A | 4,15 | | kW |
| Rated COP | COP _A | 2,55 | | |

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

| | | | | |
|---------------------------|------------------|-------|--|----|
| Declared cooling capacity | P _B | 11,56 | | kW |
| Declared power input | D _B | 3,97 | | kW |
| Declared COP | COP _B | 2,91 | | |

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

| | | | | |
|---------------------------|------------------|-------|--|----|
| Declared cooling capacity | P _C | 12,79 | | kW |
| Declared power input | D _C | 3,70 | | kW |
| Declared COP | COP _C | 3,46 | | |

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

| | | | | |
|---------------------------|------------------|-------|--|----|
| Declared cooling capacity | P _D | 13,62 | | kW |
| Declared power input | D _D | 3,51 | | kW |
| Declared COP | COP _D | 3,88 | | |

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

| | | | | |
|---------------------------|------------------|------|--|----|
| Declared cooling capacity | P _E | 8,94 | | kW |
| Declared power input | D _E | 4,42 | | kW |
| Declared COP | COP _E | 2,02 | | |

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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