



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

### SEPR Declaration Model: LH135E/4JE-15Y

#### Refrigerant: R134a

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	36336		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,57		

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

Rated cooling capacity	P <sub>A</sub>	21,1		kW
Rated power input	D <sub>A</sub>	8,04		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,63</b>		

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

Declared cooling capacity	P <sub>B</sub>	23,1		kW
Declared power input	D <sub>B</sub>	7,55		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>3,06</b>		

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

Declared cooling capacity	P <sub>C</sub>	26,0		kW
Declared power input	D <sub>C</sub>	6,80		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,82</b>		

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

Declared cooling capacity	P <sub>D</sub>	28,8		kW
Declared power input	D <sub>D</sub>	6,04		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,78</b>		

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

Declared cooling capacity	P <sub>E</sub>	18,01		kW
Declared power input	D <sub>E</sub>	8,68		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>2,07</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		

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

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

SEPR Declaration Model: LH135E/4JE-15Y

Refrigerant: R404A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	67435	43953	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,02	1,96	

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

Rated cooling capacity	P <sub>A</sub>	33,1	11,57	kW
Rated power input	D <sub>A</sub>	15,05	7,96	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,20</b>	<b>1,45</b>	

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

Declared cooling capacity	P <sub>B</sub>	37,0	13,25	kW
Declared power input	D <sub>B</sub>	14,31	7,87	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,58</b>	<b>1,69</b>	

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

Declared cooling capacity	P <sub>C</sub>	42,4	15,64	kW
Declared power input	D <sub>C</sub>	13,07	7,59	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,24</b>	<b>2,06</b>	

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

Declared cooling capacity	P <sub>D</sub>	47,6	17,98	kW
Declared power input	D <sub>D</sub>	11,63	7,14	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,09</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>	27,0	8,96	kW
Declared power input	D <sub>E</sub>	16,00	7,92	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,69</b>	<b>1,13</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

SEPR Declaration Model: LH135E/4JE-15Y

Refrigerant: R407A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	58775	32868	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,06	1,72	

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

Rated cooling capacity	P <sub>A</sub>	29,2	7,59	kW
Rated power input	D <sub>A</sub>	12,89	5,92	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,27</b>	<b>1,28</b>	

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

Declared cooling capacity	P <sub>B</sub>	32,5	8,90	kW
Declared power input	D <sub>B</sub>	12,32	5,97	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,64</b>	<b>1,49</b>	

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

Declared cooling capacity	P <sub>C</sub>	37,1	10,85	kW
Declared power input	D <sub>C</sub>	11,32	5,91	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,28</b>	<b>1,84</b>	

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

Declared cooling capacity	P <sub>D</sub>	41,7	12,64	kW
Declared power input	D <sub>D</sub>	10,13	5,70	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,12</b>	<b>2,22</b>	

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

Declared cooling capacity	P <sub>E</sub>	24,2	--	kW
Declared power input	D <sub>E</sub>	13,57	--	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,79</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

SEPR Declaration Model: LH135E/4JE-15Y

Refrigerant: R407C

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	57007		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,03		

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

Rated cooling capacity	P <sub>A</sub>	28,1		kW
Rated power input	D <sub>A</sub>	12,60		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,23</b>		

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

Declared cooling capacity	P <sub>B</sub>	31,1		kW
Declared power input	D <sub>B</sub>	11,98		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,60</b>		

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

Declared cooling capacity	P <sub>C</sub>	35,4		kW
Declared power input	D <sub>C</sub>	10,92		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,24</b>		

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

Declared cooling capacity	P <sub>D</sub>	39,5		kW
Declared power input	D <sub>D</sub>	9,66		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,08</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	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: LH135E/4JE-15Y

Refrigerant: R407F

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	62901	35777	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,06	1,78	

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

Rated cooling capacity	P <sub>A</sub>	31,3	8,53	kW
Rated power input	D <sub>A</sub>	13,83	6,49	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,26</b>	<b>1,32</b>	

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

Declared cooling capacity	P <sub>B</sub>	34,6	9,95	kW
Declared power input	D <sub>B</sub>	13,17	6,47	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,63</b>	<b>1,54</b>	

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

Declared cooling capacity	P <sub>C</sub>	39,3	11,97	kW
Declared power input	D <sub>C</sub>	12,03	6,34	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,27</b>	<b>1,89</b>	

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

Declared cooling capacity	P <sub>D</sub>	43,9	13,99	kW
Declared power input	D <sub>D</sub>	10,69	6,11	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,11</b>	<b>2,29</b>	

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

Declared cooling capacity	P <sub>E</sub>	26,0	--	kW
Declared power input	D <sub>E</sub>	14,65	--	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,78</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

SEPR Declaration Model: LH135E/4JE-15Y

Refrigerant: R454C

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	54656	33442	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,03	1,71	

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

Rated cooling capacity	P <sub>A</sub>	27,0	7,69	kW
Rated power input	D <sub>A</sub>	11,84	5,86	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,28</b>	<b>1,31</b>	

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

Declared cooling capacity	P <sub>B</sub>	29,9	8,86	kW
Declared power input	D <sub>B</sub>	11,32	5,82	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,64</b>	<b>1,52</b>	

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

Declared cooling capacity	P <sub>C</sub>	34,1	10,64	kW
Declared power input	D <sub>C</sub>	10,45	5,77	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,26</b>	<b>1,85</b>	

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

Declared cooling capacity	P <sub>D</sub>	38,3	12,30	kW
Declared power input	D <sub>D</sub>	9,46	5,75	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,05</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>	22,3	5,91	kW
Declared power input	D <sub>E</sub>	12,47	5,90	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,79</b>	<b>1,00</b>	

### Other items

Capacity control		—		
Reference temperature		Dew point temp.		
Suction gas temperature	to <sub>h</sub>	20°C		
Power voltage	Net	400V/50Hz		
Coefficient of degradation for units w/o capacity control**	C <sub>dc</sub>	0,25		

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

SEPR Declaration Model: LH135E/4JE-15Y

Refrigerant: R455A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	60258	34485	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,68	1,59	

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

Rated cooling capacity	P <sub>A</sub>	26,3	7,37	kW
Rated power input	D <sub>A</sub>	13,03	6,26	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,02</b>	<b>1,18</b>	

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

Declared cooling capacity	P <sub>B</sub>	29,4	8,60	kW
Declared power input	D <sub>B</sub>	12,55	6,22	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,34</b>	<b>1,38</b>	

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

Declared cooling capacity	P <sub>C</sub>	33,8	10,44	kW
Declared power input	D <sub>C</sub>	11,69	6,13	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>2,89</b>	<b>1,70</b>	

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

Declared cooling capacity	P <sub>D</sub>	38,2	12,39	kW
Declared power input	D <sub>D</sub>	10,68	6,05	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>3,58</b>	<b>2,05</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	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: LH135E/4JE-15Y

#### Refrigerant: R507A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	67601	44029	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,08	2,05	

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

Rated cooling capacity	P <sub>A</sub>	33,9	12,10	kW
Rated power input	D <sub>A</sub>	15,08	7,96	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,25</b>	<b>1,52</b>	

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

Declared cooling capacity	P <sub>B</sub>	37,8	13,86	kW
Declared power input	D <sub>B</sub>	14,35	7,87	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,64</b>	<b>1,76</b>	

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

Declared cooling capacity	P <sub>C</sub>	43,4	16,36	kW
Declared power input	D <sub>C</sub>	13,12	7,59	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,31</b>	<b>2,15</b>	

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

Declared cooling capacity	P <sub>D</sub>	48,9	18,81	kW
Declared power input	D <sub>D</sub>	11,71	7,15	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,17</b>	<b>2,63</b>	

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

Declared cooling capacity	P <sub>E</sub>	27,5	9,39	kW
Declared power input	D <sub>E</sub>	16,01	7,92	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,72</b>	<b>1,19</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

SEPR Declaration Model: LH135E/4JE-15Y

Refrigerant: R448A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	61563	36955	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,11	1,88	

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

Rated cooling capacity	P <sub>A</sub>	31,1	9,32	kW
Rated power input	D <sub>A</sub>	13,47	6,51	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,31</b>	<b>1,43</b>	

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

Declared cooling capacity	P <sub>B</sub>	34,4	10,72	kW
Declared power input	D <sub>B</sub>	12,82	6,49	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,68</b>	<b>1,65</b>	

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

Declared cooling capacity	P <sub>C</sub>	38,9	12,69	kW
Declared power input	D <sub>C</sub>	11,71	6,37	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,32</b>	<b>1,99</b>	

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

Declared cooling capacity	P <sub>D</sub>	43,3	14,58	kW
Declared power input	D <sub>D</sub>	10,40	6,13	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,17</b>	<b>2,38</b>	

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

Declared cooling capacity	P <sub>E</sub>	26,0	7,13	kW
Declared power input	D <sub>E</sub>	14,27	6,40	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,82</b>	<b>1,11</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	

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

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

### SEPR Declaration Model: LH135E/4JE-15Y

#### Refrigerant: R449A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	61479	36939	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,10	1,88	

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

Rated cooling capacity	P <sub>A</sub>	31,0	9,31	kW
Rated power input	D <sub>A</sub>	13,46	6,51	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,30</b>	<b>1,43</b>	

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

Declared cooling capacity	P <sub>B</sub>	34,2	10,72	kW
Declared power input	D <sub>B</sub>	12,81	6,49	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,67</b>	<b>1,65</b>	

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

Declared cooling capacity	P <sub>C</sub>	38,8	12,69	kW
Declared power input	D <sub>C</sub>	11,71	6,37	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,31</b>	<b>1,99</b>	

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

Declared cooling capacity	P <sub>D</sub>	43,2	14,59	kW
Declared power input	D <sub>D</sub>	10,40	6,13	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,16</b>	<b>2,38</b>	

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

Declared cooling capacity	P <sub>E</sub>	25,9	7,13	kW
Declared power input	D <sub>E</sub>	14,26	6,40	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,81</b>	<b>1,11</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

SEPR Declaration Model: LH135E/4JE-15Y

Refrigerant: R450A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	32494		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,51		

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

Rated cooling capacity	P <sub>A</sub>	18,55		kW
Rated power input	D <sub>A</sub>	7,15		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,59</b>		

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

Declared cooling capacity	P <sub>B</sub>	20,3		kW
Declared power input	D <sub>B</sub>	6,72		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>3,02</b>		

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

Declared cooling capacity	P <sub>C</sub>	22,9		kW
Declared power input	D <sub>C</sub>	6,08		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,77</b>		

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

Declared cooling capacity	P <sub>D</sub>	25,5		kW
Declared power input	D <sub>D</sub>	5,45		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,67</b>		

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

Declared cooling capacity	P <sub>E</sub>	15,79		kW
Declared power input	D <sub>E</sub>	7,74		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>2,04</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

SEPR Declaration Model: LH135E/4JE-15Y

Refrigerant: R513A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	38402		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,55		

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

Rated cooling capacity	P <sub>A</sub>	22,2		kW
Rated power input	D <sub>A</sub>	8,52		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,60</b>		

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

Declared cooling capacity	P <sub>B</sub>	24,4		kW
Declared power input	D <sub>B</sub>	8,02		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>3,04</b>		

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

Declared cooling capacity	P <sub>C</sub>	27,5		kW
Declared power input	D <sub>C</sub>	7,24		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,80</b>		

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

Declared cooling capacity	P <sub>D</sub>	30,7		kW
Declared power input	D <sub>D</sub>	6,44		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,76</b>		

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

Declared cooling capacity	P <sub>E</sub>	18,74		kW
Declared power input	D <sub>E</sub>	9,18		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>2,04</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

SEPR Declaration Model: LH135E/4JE-15Y

Refrigerant: R1234yf

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	37223		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,53		

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

Rated cooling capacity	P <sub>A</sub>	21,3		kW
Rated power input	D <sub>A</sub>	8,31		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,57</b>		

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

Declared cooling capacity	P <sub>B</sub>	23,5		kW
Declared power input	D <sub>B</sub>	7,81		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>3,01</b>		

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

Declared cooling capacity	P <sub>C</sub>	26,6		kW
Declared power input	D <sub>C</sub>	7,04		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,78</b>		

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

Declared cooling capacity	P <sub>D</sub>	29,7		kW
Declared power input	D <sub>D</sub>	6,27		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,74</b>		

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

Declared cooling capacity	P <sub>E</sub>	17,98		kW
Declared power input	D <sub>E</sub>	9,00		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>2,00</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

SEPR Declaration Model: LH135E/4JE-15Y

Refrigerant: R1234ze

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	28233		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,55		

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

Rated cooling capacity	P <sub>A</sub>	16,31		kW
Rated power input	D <sub>A</sub>	6,17		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,64</b>		

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

Declared cooling capacity	P <sub>B</sub>	17,90		kW
Declared power input	D <sub>B</sub>	5,81		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>3,08</b>		

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

Declared cooling capacity	P <sub>C</sub>	20,2		kW
Declared power input	D <sub>C</sub>	5,28		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,83</b>		

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

Declared cooling capacity	P <sub>D</sub>	22,5		kW
Declared power input	D <sub>D</sub>	4,80		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,69</b>		

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

Declared cooling capacity	P <sub>E</sub>	13,87		kW
Declared power input	D <sub>E</sub>	6,69		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>2,07</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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