



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

SEPR Declaration Model: LH135E/4PES-15Y

Refrigerant: R134a

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	26759		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,58		

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

Rated cooling capacity	P <sub>A</sub>	15,57		kW
Rated power input	D <sub>A</sub>	5,90		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>	17,23		kW
Declared power input	D <sub>B</sub>	5,62		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>3,07</b>		

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

Declared cooling capacity	P <sub>C</sub>	19,62		kW
Declared power input	D <sub>C</sub>	5,13		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>	22,0		kW
Declared power input	D <sub>D</sub>	4,56		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,83</b>		

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

Declared cooling capacity	P <sub>E</sub>	13,01		kW
Declared power input	D <sub>E</sub>	6,22		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>2,09</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/4PES-15Y

Refrigerant: R404A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	47227	30180	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,33	1,95	

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

Rated cooling capacity	P <sub>A</sub>	25,6	7,88	kW
Rated power input	D <sub>A</sub>	10,72	5,42	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,39</b>	<b>1,45</b>	

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

Declared cooling capacity	P <sub>B</sub>	28,8	9,23	kW
Declared power input	D <sub>B</sub>	10,19	5,44	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,82</b>	<b>1,70</b>	

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

Declared cooling capacity	P <sub>C</sub>	33,4	11,23	kW
Declared power input	D <sub>C</sub>	9,32	5,40	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,58</b>	<b>2,08</b>	

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

Declared cooling capacity	P <sub>D</sub>	38,0	13,29	kW
Declared power input	D <sub>D</sub>	8,32	5,31	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,56</b>	<b>2,50</b>	

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

Declared cooling capacity	P <sub>E</sub>	20,6	5,88	kW
Declared power input	D <sub>E</sub>	11,40	5,33	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,81</b>	<b>1,10</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/4PES-15Y

#### Refrigerant: R407A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	42402	24981	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,33	1,72	

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

Rated cooling capacity	P <sub>A</sub>	23,0	5,77	kW
Rated power input	D <sub>A</sub>	9,52	4,43	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,41</b>	<b>1,30</b>	

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

Declared cooling capacity	P <sub>B</sub>	25,6	6,85	kW
Declared power input	D <sub>B</sub>	9,07	4,54	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,82</b>	<b>1,51</b>	

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

Declared cooling capacity	P <sub>C</sub>	29,3	8,40	kW
Declared power input	D <sub>C</sub>	8,26	4,56	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,55</b>	<b>1,84</b>	

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

Declared cooling capacity	P <sub>D</sub>	33,0	9,91	kW
Declared power input	D <sub>D</sub>	7,25	4,46	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,56</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>	18,87	4,17	kW
Declared power input	D <sub>E</sub>	10,03	4,11	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,88</b>	<b>1,01</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/4PES-15Y

#### Refrigerant: R407C

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	40118		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,37		

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

Rated cooling capacity	P <sub>A</sub>	22,0		kW
Rated power input	D <sub>A</sub>	9,04		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,43</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>	8,60		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,84</b>		

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

Declared cooling capacity	P <sub>C</sub>	27,8		kW
Declared power input	D <sub>C</sub>	7,77		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,58</b>		

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

Declared cooling capacity	P <sub>D</sub>	31,1		kW
Declared power input	D <sub>D</sub>	6,72		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,62</b>		

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

Declared cooling capacity	P <sub>E</sub>	18,06		kW
Declared power input	D <sub>E</sub>	9,46		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,91</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/4PES-15Y

#### Refrigerant: R407F

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	44253	25372	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,33	1,77	

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

Rated cooling capacity	P <sub>A</sub>	24,0	6,02	kW
Rated power input	D <sub>A</sub>	10,04	4,54	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,39</b>	<b>1,33</b>	

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

Declared cooling capacity	P <sub>B</sub>	26,7	7,23	kW
Declared power input	D <sub>B</sub>	9,54	4,68	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,80</b>	<b>1,55</b>	

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

Declared cooling capacity	P <sub>C</sub>	30,6	8,97	kW
Declared power input	D <sub>C</sub>	8,63	4,73	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,55</b>	<b>1,90</b>	

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

Declared cooling capacity	P <sub>D</sub>	34,6	10,71	kW
Declared power input	D <sub>D</sub>	7,52	4,65	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,59</b>	<b>2,31</b>	

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

Declared cooling capacity	P <sub>E</sub>	19,75	4,16	kW
Declared power input	D <sub>E</sub>	10,59	4,13	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,86</b>	<b>1,01</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/4PES-15Y

#### Refrigerant: R454C

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	39322	23374	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,14	1,60	

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

Rated cooling capacity	P <sub>A</sub>	20,1	5,01	kW
Rated power input	D <sub>A</sub>	8,57	4,03	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,35</b>	<b>1,24</b>	

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

Declared cooling capacity	P <sub>B</sub>	22,5	5,80	kW
Declared power input	D <sub>B</sub>	8,29	4,11	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,71</b>	<b>1,41</b>	

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

Declared cooling capacity	P <sub>C</sub>	26,0	7,01	kW
Declared power input	D <sub>C</sub>	7,74	4,16	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,36</b>	<b>1,69</b>	

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

Declared cooling capacity	P <sub>D</sub>	29,8	8,30	kW
Declared power input	D <sub>D</sub>	6,96	4,06	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,28</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>	16,39	3,74	kW
Declared power input	D <sub>E</sub>	8,85	3,86	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,85</b>	<b>0,97</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/4PES-15Y

Refrigerant: R455A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	43145	24011	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,78	1,48	

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

Rated cooling capacity	P <sub>A</sub>	19,50	4,77	kW
Rated power input	D <sub>A</sub>	9,29	4,17	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,10</b>	<b>1,15</b>	

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

Declared cooling capacity	P <sub>B</sub>	22,0	5,66	kW
Declared power input	D <sub>B</sub>	9,05	4,27	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,43</b>	<b>1,33</b>	

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

Declared cooling capacity	P <sub>C</sub>	25,6	6,93	kW
Declared power input	D <sub>C</sub>	8,56	4,37	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>2,99</b>	<b>1,58</b>	

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

Declared cooling capacity	P <sub>D</sub>	29,5	8,28	kW
Declared power input	D <sub>D</sub>	7,88	4,37	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>3,74</b>	<b>1,90</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/4PES-15Y

#### Refrigerant: R507A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	47330	30226	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,41	2,04	

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

Rated cooling capacity	P <sub>A</sub>	26,2	8,27	kW
Rated power input	D <sub>A</sub>	10,73	5,42	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,44</b>	<b>1,53</b>	

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

Declared cooling capacity	P <sub>B</sub>	29,5	9,68	kW
Declared power input	D <sub>B</sub>	10,21	5,44	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,89</b>	<b>1,78</b>	

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

Declared cooling capacity	P <sub>C</sub>	34,3	11,78	kW
Declared power input	D <sub>C</sub>	9,35	5,41	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,66</b>	<b>2,18</b>	

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

Declared cooling capacity	P <sub>D</sub>	39,1	13,94	kW
Declared power input	D <sub>D</sub>	8,37	5,31	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,67</b>	<b>2,62</b>	

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

Declared cooling capacity	P <sub>E</sub>	21,1	6,19	kW
Declared power input	D <sub>E</sub>	11,41	5,32	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,85</b>	<b>1,16</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/4PES-15Y

Refrigerant: R448A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	42856	26025	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,37	1,76	

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

Rated cooling capacity	P <sub>A</sub>	23,5	6,15	kW
Rated power input	D <sub>A</sub>	9,78	4,56	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,40</b>	<b>1,35</b>	

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

Declared cooling capacity	P <sub>B</sub>	26,2	7,26	kW
Declared power input	D <sub>B</sub>	9,28	4,70	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,82</b>	<b>1,55</b>	

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

Declared cooling capacity	P <sub>C</sub>	30,1	8,92	kW
Declared power input	D <sub>C</sub>	8,40	4,75	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,59</b>	<b>1,88</b>	

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

Declared cooling capacity	P <sub>D</sub>	34,1	10,60	kW
Declared power input	D <sub>D</sub>	7,33	4,66	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,66</b>	<b>2,27</b>	

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

Declared cooling capacity	P <sub>E</sub>	19,25	4,50	kW
Declared power input	D <sub>E</sub>	10,32	4,14	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,87</b>	<b>1,09</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/4PES-15Y

#### Refrigerant: R449A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	42802	26019	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,36	1,76	

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

Rated cooling capacity	P <sub>A</sub>	23,4	6,15	kW
Rated power input	D <sub>A</sub>	9,77	4,56	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,39</b>	<b>1,35</b>	

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

Declared cooling capacity	P <sub>B</sub>	26,1	7,27	kW
Declared power input	D <sub>B</sub>	9,28	4,70	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,81</b>	<b>1,55</b>	

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

Declared cooling capacity	P <sub>C</sub>	30,1	8,92	kW
Declared power input	D <sub>C</sub>	8,40	4,75	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,58</b>	<b>1,88</b>	

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

Declared cooling capacity	P <sub>D</sub>	34,0	10,61	kW
Declared power input	D <sub>D</sub>	7,33	4,66	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,64</b>	<b>2,28</b>	

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

Declared cooling capacity	P <sub>E</sub>	19,16	4,51	kW
Declared power input	D <sub>E</sub>	10,32	4,14	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,86</b>	<b>1,09</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/4PES-15Y

Refrigerant: R450A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	24398		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,44		

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

Rated cooling capacity	P <sub>A</sub>	13,64		kW
Rated power input	D <sub>A</sub>	5,30		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,58</b>		

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

Declared cooling capacity	P <sub>B</sub>	15,13		kW
Declared power input	D <sub>B</sub>	5,06		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,99</b>		

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

Declared cooling capacity	P <sub>C</sub>	17,26		kW
Declared power input	D <sub>C</sub>	4,66		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,71</b>		

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

Declared cooling capacity	P <sub>D</sub>	19,28		kW
Declared power input	D <sub>D</sub>	4,22		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,57</b>		

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

Declared cooling capacity	P <sub>E</sub>	11,36		kW
Declared power input	D <sub>E</sub>	5,57		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/4PES-15Y

Refrigerant: R513A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	28212		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,60		

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

Rated cooling capacity	P <sub>A</sub>	16,51		kW
Rated power input	D <sub>A</sub>	6,23		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,65</b>		

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

Declared cooling capacity	P <sub>B</sub>	18,32		kW
Declared power input	D <sub>B</sub>	5,94		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>	20,9		kW
Declared power input	D <sub>C</sub>	5,43		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,85</b>		

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

Declared cooling capacity	P <sub>D</sub>	23,5		kW
Declared power input	D <sub>D</sub>	4,84		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,86</b>		

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

Declared cooling capacity	P <sub>E</sub>	13,68		kW
Declared power input	D <sub>E</sub>	6,56		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>2,08</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/4PES-15Y

Refrigerant: R1234yf

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	27362		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,58		

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

Rated cooling capacity	P <sub>A</sub>	15,95		kW
Rated power input	D <sub>A</sub>	6,14		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>	17,73		kW
Declared power input	D <sub>B</sub>	5,83		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>	20,3		kW
Declared power input	D <sub>C</sub>	5,30		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>	22,9		kW
Declared power input	D <sub>D</sub>	4,69		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,88</b>		

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

Declared cooling capacity	P <sub>E</sub>	13,19		kW
Declared power input	D <sub>E</sub>	6,52		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>2,02</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/4PES-15Y

Refrigerant: R1234ze

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	22177		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,30		

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

Rated cooling capacity	P <sub>A</sub>	11,89		kW
Rated power input	D <sub>A</sub>	4,63		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>	13,18		kW
Declared power input	D <sub>B</sub>	4,44		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,97</b>		

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

Declared cooling capacity	P <sub>C</sub>	15,05		kW
Declared power input	D <sub>C</sub>	4,13		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,64</b>		

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

Declared cooling capacity	P <sub>D</sub>	16,33		kW
Declared power input	D <sub>D</sub>	3,91		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,18</b>		

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

Declared cooling capacity	P <sub>E</sub>	9,93		kW
Declared power input	D <sub>E</sub>	4,86		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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