



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

### SEPR Declaration Model: LH135E/4GE-23Y

#### Refrigerant: R134a

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	49547		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,35		

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

Rated cooling capacity	P <sub>A</sub>	27,0		kW
Rated power input	D <sub>A</sub>	10,75		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,51</b>		

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

Declared cooling capacity	P <sub>B</sub>	29,6		kW
Declared power input	D <sub>B</sub>	10,20		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,90</b>		

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

Declared cooling capacity	P <sub>C</sub>	33,1		kW
Declared power input	D <sub>C</sub>	9,25		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>	36,1		kW
Declared power input	D <sub>D</sub>	8,13		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,43</b>		

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

Declared cooling capacity	P <sub>E</sub>	22,6		kW
Declared power input	D <sub>E</sub>	11,42		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,98</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/4GE-23Y

#### 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	61600	kWh/a
Seasonal Energy Performance Ratio	SEPR	1,92	

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

Rated cooling capacity	P <sub>A</sub>	15,89	kW
Rated power input	D <sub>A</sub>	11,03	kW
Rated COP	COP <sub>A</sub>	1,44	

#### 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>	10,80	kW
Declared COP	COP <sub>B</sub>	1,66	

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

Declared cooling capacity	P <sub>C</sub>	20,7	kW
Declared power input	D <sub>C</sub>	10,30	kW
Declared COP	COP <sub>C</sub>	2,01	

#### 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>	9,62	kW
Declared COP	COP <sub>D</sub>	2,44	

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

Declared cooling capacity	P <sub>E</sub>	12,77	kW
Declared power input	D <sub>E</sub>	11,21	kW
Declared COP	COP <sub>E</sub>	1,14	

#### 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/4GE-23Y

#### Refrigerant: R407A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	87982	48963	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,65	1,73	

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

Rated cooling capacity	P <sub>A</sub>	37,9	11,35	kW
Rated power input	D <sub>A</sub>	19,25	8,89	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>1,97</b>	<b>1,28</b>	

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

Declared cooling capacity	P <sub>B</sub>	41,8	12,87	kW
Declared power input	D <sub>B</sub>	18,26	8,70	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,29</b>	<b>1,48</b>	

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

Declared cooling capacity	P <sub>C</sub>	47,5	15,18	kW
Declared power input	D <sub>C</sub>	16,71	8,34	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>2,84</b>	<b>1,82</b>	

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

Declared cooling capacity	P <sub>D</sub>	53,1	17,35	kW
Declared power input	D <sub>D</sub>	15,00	7,85	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>3,54</b>	<b>2,21</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/4GE-23Y

Refrigerant: R407C

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	81691		kWh/a
Seasonal Energy Performance Ratio	SEPR	2,71		

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

Rated cooling capacity	P <sub>A</sub>	36,0		kW
Rated power input	D <sub>A</sub>	17,78		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,03</b>		

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

Declared cooling capacity	P <sub>B</sub>	39,8		kW
Declared power input	D <sub>B</sub>	16,95		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,35</b>		

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

Declared cooling capacity	P <sub>C</sub>	45,2		kW
Declared power input	D <sub>C</sub>	15,54		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>2,91</b>		

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

Declared cooling capacity	P <sub>D</sub>	50,4		kW
Declared power input	D <sub>D</sub>	13,92		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>3,62</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	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: LH135E/4GE-23Y

#### Refrigerant: R407F

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	93161	51268	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,65	1,78	

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

Rated cooling capacity	P <sub>A</sub>	40,2	12,27	kW
Rated power input	D <sub>A</sub>	20,4	9,38	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>1,97</b>	<b>1,31</b>	

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

Declared cooling capacity	P <sub>B</sub>	44,4	13,99	kW
Declared power input	D <sub>B</sub>	19,35	9,15	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,29</b>	<b>1,53</b>	

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

Declared cooling capacity	P <sub>C</sub>	50,3	16,48	kW
Declared power input	D <sub>C</sub>	17,69	8,76	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>2,84</b>	<b>1,88</b>	

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

Declared cooling capacity	P <sub>D</sub>	56,1	18,95	kW
Declared power input	D <sub>D</sub>	15,84	8,30	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>3,54</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>	--	--	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/4GE-23Y

Refrigerant: R454C

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	79697	46084	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,64	1,74	

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

Rated cooling capacity	P <sub>A</sub>	34,2	10,77	kW
Rated power input	D <sub>A</sub>	17,04	8,05	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,01</b>	<b>1,34</b>	

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

Declared cooling capacity	P <sub>B</sub>	38,0	12,14	kW
Declared power input	D <sub>B</sub>	16,34	7,88	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,32</b>	<b>1,54</b>	

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

Declared cooling capacity	P <sub>C</sub>	43,2	14,23	kW
Declared power input	D <sub>C</sub>	15,18	7,66	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>2,85</b>	<b>1,86</b>	

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

Declared cooling capacity	P <sub>D</sub>	48,4	16,26	kW
Declared power input	D <sub>D</sub>	13,86	7,53	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>3,49</b>	<b>2,16</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/4GE-23Y

#### Refrigerant: R455A

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	48553	kWh/a
Seasonal Energy Performance Ratio	SEPR	1,61	

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

Rated cooling capacity	P <sub>A</sub>	10,48	kW
Rated power input	D <sub>A</sub>	8,76	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>1,20</b>	

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

Declared cooling capacity	P <sub>B</sub>	11,98	kW
Declared power input	D <sub>B</sub>	8,57	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>1,40</b>	

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

Declared cooling capacity	P <sub>C</sub>	14,14	kW
Declared power input	D <sub>C</sub>	8,29	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>1,71</b>	

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

Declared cooling capacity	P <sub>D</sub>	16,45	kW
Declared power input	D <sub>D</sub>	8,05	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>2,04</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/4GE-23Y

#### Refrigerant: R507A

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	61653	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,00	

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

Rated cooling capacity	P <sub>A</sub>	16,57	kW
Rated power input	D <sub>A</sub>	11,04	kW
Rated COP	COP <sub>A</sub>	1,50	

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

Declared cooling capacity	P <sub>B</sub>	18,67	kW
Declared power input	D <sub>B</sub>	10,81	kW
Declared COP	COP <sub>B</sub>	1,73	

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

Declared cooling capacity	P <sub>C</sub>	21,6	kW
Declared power input	D <sub>C</sub>	10,32	kW
Declared COP	COP <sub>C</sub>	2,10	

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

Declared cooling capacity	P <sub>D</sub>	24,5	kW
Declared power input	D <sub>D</sub>	9,65	kW
Declared COP	COP <sub>D</sub>	2,54	

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

Declared cooling capacity	P <sub>E</sub>	13,29	kW
Declared power input	D <sub>E</sub>	11,21	kW
Declared COP	COP <sub>E</sub>	1,19	

#### 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: LH135E/4GE-23Y

Refrigerant: R448A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	90344	53308	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,68	1,84	

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

Rated cooling capacity	P <sub>A</sub>	39,3	13,18	kW
Rated power input	D <sub>A</sub>	19,80	9,42	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>1,99</b>	<b>1,40</b>	

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

Declared cooling capacity	P <sub>B</sub>	43,5	14,79	kW
Declared power input	D <sub>B</sub>	18,78	9,19	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,31</b>	<b>1,61</b>	

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

Declared cooling capacity	P <sub>C</sub>	49,3	17,06	kW
Declared power input	D <sub>C</sub>	17,16	8,80	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>2,87</b>	<b>1,94</b>	

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

Declared cooling capacity	P <sub>D</sub>	54,8	19,22	kW
Declared power input	D <sub>D</sub>	15,36	8,34	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>3,57</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>	--	10,68	kW
Declared power input	D <sub>E</sub>	--	9,72	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	--	<b>1,10</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/4GE-23Y

#### Refrigerant: R449A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	90215	53262	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,67	1,84	

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

Rated cooling capacity	P <sub>A</sub>	39,1	13,16	kW
Rated power input	D <sub>A</sub>	19,79	9,42	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>1,98</b>	<b>1,40</b>	

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

Declared cooling capacity	P <sub>B</sub>	43,3	14,78	kW
Declared power input	D <sub>B</sub>	18,77	9,19	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,30</b>	<b>1,61</b>	

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

Declared cooling capacity	P <sub>C</sub>	49,1	17,05	kW
Declared power input	D <sub>C</sub>	17,16	8,80	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>2,86</b>	<b>1,94</b>	

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

Declared cooling capacity	P <sub>D</sub>	54,7	19,23	kW
Declared power input	D <sub>D</sub>	15,35	8,34	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>3,56</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>	--	10,66	kW
Declared power input	D <sub>E</sub>	--	9,72	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></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		

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 C<sub>dc</sub> can not be determined by test. For this reason the default degradation coefficient C<sub>dc</sub> (0.25) has to be applied according to EN 13215, Annex A.



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

### SEPR Declaration Model: LH135E/4GE-23Y

#### Refrigerant: R450A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	43322		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,38		

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

Rated cooling capacity	P <sub>A</sub>	23,8		kW
Rated power input	D <sub>A</sub>	9,47		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,52</b>		

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

Declared cooling capacity	P <sub>B</sub>	26,2		kW
Declared power input	D <sub>B</sub>	8,95		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,92</b>		

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

Declared cooling capacity	P <sub>C</sub>	29,2		kW
Declared power input	D <sub>C</sub>	8,08		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,61</b>		

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

Declared cooling capacity	P <sub>D</sub>	31,8		kW
Declared power input	D <sub>D</sub>	7,09		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,49</b>		

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

Declared cooling capacity	P <sub>E</sub>	19,95		kW
Declared power input	D <sub>E</sub>	10,10		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,98</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/4GE-23Y

Refrigerant: R513A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	52500		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>	28,2		kW
Rated power input	D <sub>A</sub>	11,42		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,47</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>	10,85		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,87</b>		

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

Declared cooling capacity	P <sub>C</sub>	34,9		kW
Declared power input	D <sub>C</sub>	9,88		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,54</b>		

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

Declared cooling capacity	P <sub>D</sub>	38,3		kW
Declared power input	D <sub>D</sub>	8,75		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,38</b>		

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

Declared cooling capacity	P <sub>E</sub>	23,4		kW
Declared power input	D <sub>E</sub>	12,09		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,93</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/4GE-23Y

Refrigerant: R1234yf

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	51357		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,25		

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

Rated cooling capacity	P <sub>A</sub>	27,2		kW
Rated power input	D <sub>A</sub>	11,23		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,42</b>		

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

Declared cooling capacity	P <sub>B</sub>	29,9		kW
Declared power input	D <sub>B</sub>	10,64		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,81</b>		

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

Declared cooling capacity	P <sub>C</sub>	33,6		kW
Declared power input	D <sub>C</sub>	9,67		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,48</b>		

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

Declared cooling capacity	P <sub>D</sub>	37,3		kW
Declared power input	D <sub>D</sub>	8,59		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,34</b>		

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

Declared cooling capacity	P <sub>E</sub>	22,8		kW
Declared power input	D <sub>E</sub>	11,96		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/4GE-23Y

#### Refrigerant: R1234ze

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	37019		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,48		

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

Rated cooling capacity	P <sub>A</sub>	20,9		kW
Rated power input	D <sub>A</sub>	8,06		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>	22,7		kW
Declared power input	D <sub>B</sub>	7,59		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>	25,1		kW
Declared power input	D <sub>C</sub>	6,81		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,69</b>		

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

Declared cooling capacity	P <sub>D</sub>	27,7		kW
Declared power input	D <sub>D</sub>	5,97		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,64</b>		

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

Declared cooling capacity	P <sub>E</sub>	18,13		kW
Declared power input	D <sub>E</sub>	8,65		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>2,10</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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