



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

SEPR Declaration Model: LH265E/4HE-18Y

Refrigerant: R134a

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	44624		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>	25,8		kW
Rated power input	D <sub>A</sub>	10,00		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>	28,1		kW
Declared power input	D <sub>B</sub>	9,37		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>3,00</b>		

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

Declared cooling capacity	P <sub>C</sub>	31,6		kW
Declared power input	D <sub>C</sub>	8,36		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>	35,0		kW
Declared power input	D <sub>D</sub>	7,30		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,80</b>		

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

Declared cooling capacity	P <sub>E</sub>	22,1		kW
Declared power input	D <sub>E</sub>	10,83		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		

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

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

SEPR Declaration Model: LH265E/4HE-18Y

Refrigerant: R404A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	79746	56310	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,16	1,88	

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

Rated cooling capacity	P <sub>A</sub>	41,0	14,20	kW
Rated power input	D <sub>A</sub>	18,30	10,17	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,24</b>	<b>1,40</b>	

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

Declared cooling capacity	P <sub>B</sub>	45,7	16,11	kW
Declared power input	D <sub>B</sub>	17,25	9,98	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,65</b>	<b>1,61</b>	

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

Declared cooling capacity	P <sub>C</sub>	52,3	18,81	kW
Declared power input	D <sub>C</sub>	15,51	9,55	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,37</b>	<b>1,97</b>	

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

Declared cooling capacity	P <sub>D</sub>	58,8	21,4	kW
Declared power input	D <sub>D</sub>	13,47	8,92	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,37</b>	<b>2,40</b>	

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

Declared cooling capacity	P <sub>E</sub>	33,6	11,23	kW
Declared power input	D <sub>E</sub>	19,64	10,28	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,71</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: LH265E/4HE-18Y

#### Refrigerant: R407A

Condensing unit with the selected refrigerant at low temperature application (LT) 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	-10	°C
Annual electricity consumption	Q	70664	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,15	

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

Rated cooling capacity	P <sub>A</sub>	36,2	kW
Rated power input	D <sub>A</sub>	15,93	kW
Rated COP	COP <sub>A</sub>	2,27	

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

Declared cooling capacity	P <sub>B</sub>	40,0	kW
Declared power input	D <sub>B</sub>	15,06	kW
Declared COP	COP <sub>B</sub>	2,66	

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

Declared cooling capacity	P <sub>C</sub>	45,7	kW
Declared power input	D <sub>C</sub>	13,61	kW
Declared COP	COP <sub>C</sub>	3,35	

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

Declared cooling capacity	P <sub>D</sub>	51,3	kW
Declared power input	D <sub>D</sub>	11,91	kW
Declared COP	COP <sub>D</sub>	4,31	

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

Declared cooling capacity	P <sub>E</sub>	30,2	kW
Declared power input	D <sub>E</sub>	17,03	kW
Declared COP	COP <sub>E</sub>	1,78	

#### 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: LH265E/4HE-18Y

Refrigerant: R407C

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	68378		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,13		

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

Rated cooling capacity	P <sub>A</sub>	34,8		kW
Rated power input	D <sub>A</sub>	15,42		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,26</b>		

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

Declared cooling capacity	P <sub>B</sub>	38,4		kW
Declared power input	D <sub>B</sub>	14,54		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,64</b>		

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

Declared cooling capacity	P <sub>C</sub>	43,4		kW
Declared power input	D <sub>C</sub>	13,06		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,32</b>		

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

Declared cooling capacity	P <sub>D</sub>	48,3		kW
Declared power input	D <sub>D</sub>	11,32		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,27</b>		

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

Declared cooling capacity	P <sub>E</sub>	29,1		kW
Declared power input	D <sub>E</sub>	16,51		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,76</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: LH265E/4HE-18Y

#### Refrigerant: R407F

Condensing unit with the selected refrigerant at low temperature application (LT) 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	-10	°C
Annual electricity consumption	Q	75367	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,16	

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

Rated cooling capacity	P <sub>A</sub>	38,8	kW
Rated power input	D <sub>A</sub>	17,00	kW
Rated COP	COP <sub>A</sub>	2,28	

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

Declared cooling capacity	P <sub>B</sub>	42,8	kW
Declared power input	D <sub>B</sub>	16,02	kW
Declared COP	COP <sub>B</sub>	2,67	

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

Declared cooling capacity	P <sub>C</sub>	48,4	kW
Declared power input	D <sub>C</sub>	14,39	kW
Declared COP	COP <sub>C</sub>	3,36	

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

Declared cooling capacity	P <sub>D</sub>	53,9	kW
Declared power input	D <sub>D</sub>	12,48	kW
Declared COP	COP <sub>D</sub>	4,32	

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

Declared cooling capacity	P <sub>E</sub>	32,5	kW
Declared power input	D <sub>E</sub>	18,30	kW
Declared COP	COP <sub>E</sub>	1,78	

#### 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: LH265E/4HE-18Y

#### Refrigerant: R507A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	79890	56334	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,23	1,97	

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

Rated cooling capacity	P <sub>A</sub>	42,0	14,85	kW
Rated power input	D <sub>A</sub>	18,33	10,18	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,29</b>	<b>1,46</b>	

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

Declared cooling capacity	P <sub>B</sub>	46,9	16,85	kW
Declared power input	D <sub>B</sub>	17,30	9,99	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,71</b>	<b>1,69</b>	

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

Declared cooling capacity	P <sub>C</sub>	53,7	19,68	kW
Declared power input	D <sub>C</sub>	15,58	9,56	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,45</b>	<b>2,06</b>	

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

Declared cooling capacity	P <sub>D</sub>	60,5	22,4	kW
Declared power input	D <sub>D</sub>	13,56	8,94	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,46</b>	<b>2,51</b>	

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

Declared cooling capacity	P <sub>E</sub>	34,3	11,74	kW
Declared power input	D <sub>E</sub>	19,66	10,27	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,74</b>	<b>1,14</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: LH265E/4HE-18Y

Refrigerant: R448A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	73460	49291	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,20	1,74	

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

Rated cooling capacity	P <sub>A</sub>	38,2	11,52	kW
Rated power input	D <sub>A</sub>	16,56	8,70	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,31</b>	<b>1,32</b>	

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

Declared cooling capacity	P <sub>B</sub>	42,1	13,08	kW
Declared power input	D <sub>B</sub>	15,60	8,57	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,70</b>	<b>1,53</b>	

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

Declared cooling capacity	P <sub>C</sub>	47,5	15,25	kW
Declared power input	D <sub>C</sub>	14,00	8,29	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,40</b>	<b>1,84</b>	

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

Declared cooling capacity	P <sub>D</sub>	52,9	17,33	kW
Declared power input	D <sub>D</sub>	12,13	7,92	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,36</b>	<b>2,19</b>	

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

Declared cooling capacity	P <sub>E</sub>	32,0	9,08	kW
Declared power input	D <sub>E</sub>	17,82	8,81	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,80</b>	<b>1,03</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: LH265E/4HE-18Y

Refrigerant: R449A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	73332	49254	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,19	1,74	

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

Rated cooling capacity	P <sub>A</sub>	38,0	11,51	kW
Rated power input	D <sub>A</sub>	16,55	8,70	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,30</b>	<b>1,32</b>	

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

Declared cooling capacity	P <sub>B</sub>	41,9	13,07	kW
Declared power input	D <sub>B</sub>	15,59	8,57	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,69</b>	<b>1,52</b>	

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

Declared cooling capacity	P <sub>C</sub>	47,4	15,25	kW
Declared power input	D <sub>C</sub>	13,99	8,29	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,39</b>	<b>1,84</b>	

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

Declared cooling capacity	P <sub>D</sub>	52,7	17,34	kW
Declared power input	D <sub>D</sub>	12,12	7,92	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,35</b>	<b>2,19</b>	

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

Declared cooling capacity	P <sub>E</sub>	31,8	9,08	kW
Declared power input	D <sub>E</sub>	17,82	8,81	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,79</b>	<b>1,03</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: LH265E/4HE-18Y

Refrigerant: R450A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	40342		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>	22,6		kW
Rated power input	D <sub>A</sub>	8,96		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>	24,7		kW
Declared power input	D <sub>B</sub>	8,40		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,94</b>		

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

Declared cooling capacity	P <sub>C</sub>	27,9		kW
Declared power input	D <sub>C</sub>	7,51		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>	30,6		kW
Declared power input	D <sub>D</sub>	6,68		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,58</b>		

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

Declared cooling capacity	P <sub>E</sub>	19,30		kW
Declared power input	D <sub>E</sub>	9,72		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,99</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: LH265E/4HE-18Y

Refrigerant: R513A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	46584		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,59		

### 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>	10,55		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>	29,8		kW
Declared power input	D <sub>B</sub>	9,89		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>	33,7		kW
Declared power input	D <sub>C</sub>	8,84		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,81</b>		

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

Declared cooling capacity	P <sub>D</sub>	37,6		kW
Declared power input	D <sub>D</sub>	7,67		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,90</b>		

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

Declared cooling capacity	P <sub>E</sub>	23,0		kW
Declared power input	D <sub>E</sub>	11,41		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		

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

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