



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

### SEPR Declaration Model: LHL5E/4FES-3Y

#### Refrigerant: R134a

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	9953		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,56		

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

Rated cooling capacity	P <sub>A</sub>	5,76		kW
Rated power input	D <sub>A</sub>	2,24		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>	6,36		kW
Declared power input	D <sub>B</sub>	2,10		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>	7,20		kW
Declared power input	D <sub>C</sub>	1,86		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,86</b>		

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

Declared cooling capacity	P <sub>D</sub>	7,81		kW
Declared power input	D <sub>D</sub>	1,65		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,72</b>		

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

Declared cooling capacity	P <sub>E</sub>	4,82		kW
Declared power input	D <sub>E</sub>	2,39		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-503](#)

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

### SEPR Declaration Model: LHL5E/4FES-3Y

#### Refrigerant: R404A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	17371	13051	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,46	1,86	

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

Rated cooling capacity	P <sub>A</sub>	9,79	3,26	kW
Rated power input	D <sub>A</sub>	4,25	2,41	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,30</b>	<b>1,35</b>	

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

Declared cooling capacity	P <sub>B</sub>	10,97	3,66	kW
Declared power input	D <sub>B</sub>	3,95	2,34	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,77</b>	<b>1,57</b>	

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

Declared cooling capacity	P <sub>C</sub>	12,59	4,21	kW
Declared power input	D <sub>C</sub>	3,45	2,17	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,66</b>	<b>1,93</b>	

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

Declared cooling capacity	P <sub>D</sub>	14,13	4,67	kW
Declared power input	D <sub>D</sub>	2,84	1,96	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,98</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>	7,87	2,45	kW
Declared power input	D <sub>E</sub>	4,60	2,45	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,71</b>	<b>1,00</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: LHL5E/4FES-3Y

#### Refrigerant: R407A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	16503	10813	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,32	1,61	

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

Rated cooling capacity	P <sub>A</sub>	8,91	2,33	kW
Rated power input	D <sub>A</sub>	3,86	1,92	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,31</b>	<b>1,21</b>	

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

Declared cooling capacity	P <sub>B</sub>	9,88	2,69	kW
Declared power input	D <sub>B</sub>	3,60	1,90	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,75</b>	<b>1,41</b>	

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

Declared cooling capacity	P <sub>C</sub>	11,27	3,19	kW
Declared power input	D <sub>C</sub>	3,18	1,87	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,54</b>	<b>1,71</b>	

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

Declared cooling capacity	P <sub>D</sub>	12,64	3,82	kW
Declared power input	D <sub>D</sub>	2,75	1,87	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,60</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>	7,05	1,81	kW
Declared power input	D <sub>E</sub>	4,19	1,93	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,68</b>	<b>0,94</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: LHL5E/4FES-3Y

Refrigerant: R407C

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	15063		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>	8,21		kW
Rated power input	D <sub>A</sub>	3,46		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,37</b>		

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

Declared cooling capacity	P <sub>B</sub>	9,12		kW
Declared power input	D <sub>B</sub>	3,28		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,78</b>		

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

Declared cooling capacity	P <sub>C</sub>	10,41		kW
Declared power input	D <sub>C</sub>	2,93		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,55</b>		

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

Declared cooling capacity	P <sub>D</sub>	11,69		kW
Declared power input	D <sub>D</sub>	2,51		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,66</b>		

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

Declared cooling capacity	P <sub>E</sub>	6,77		kW
Declared power input	D <sub>E</sub>	3,66		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,85</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: LHL5E/4FES-3Y

Refrigerant: R407F

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	17355	10983	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,29	1,62	

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

Rated cooling capacity	P <sub>A</sub>	9,30	2,39	kW
Rated power input	D <sub>A</sub>	4,04	1,96	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,30</b>	<b>1,22</b>	

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

Declared cooling capacity	P <sub>B</sub>	10,28	2,77	kW
Declared power input	D <sub>B</sub>	3,77	1,94	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,73</b>	<b>1,42</b>	

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

Declared cooling capacity	P <sub>C</sub>	11,70	3,30	kW
Declared power input	D <sub>C</sub>	3,33	1,92	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,51</b>	<b>1,72</b>	

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

Declared cooling capacity	P <sub>D</sub>	13,10	3,99	kW
Declared power input	D <sub>D</sub>	2,88	1,92	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,55</b>	<b>2,08</b>	

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

Declared cooling capacity	P <sub>E</sub>	7,38	1,84	kW
Declared power input	D <sub>E</sub>	4,37	1,93	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,69</b>	<b>0,95</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: LHL5E/4FES-3Y

Refrigerant: R454C

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	15089	10171	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,35	1,56	

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

Rated cooling capacity	P <sub>A</sub>	8,22	2,13	kW
Rated power input	D <sub>A</sub>	3,48	1,79	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,36</b>	<b>1,19</b>	

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

Declared cooling capacity	P <sub>B</sub>	9,13	2,47	kW
Declared power input	D <sub>B</sub>	3,25	1,79	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,81</b>	<b>1,38</b>	

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

Declared cooling capacity	P <sub>C</sub>	10,42	3,10	kW
Declared power input	D <sub>C</sub>	2,90	1,79	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,59</b>	<b>1,73</b>	

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

Declared cooling capacity	P <sub>D</sub>	11,70	3,55	kW
Declared power input	D <sub>D</sub>	2,55	1,84	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,58</b>	<b>1,94</b>	

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

Declared cooling capacity	P <sub>E</sub>	6,82	1,64	kW
Declared power input	D <sub>E</sub>	3,77	1,76	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,81</b>	<b>0,93</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: LHL5E/4FES-3Y

Refrigerant: R455A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	16643	10306	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,00	1,54	

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

Rated cooling capacity	P <sub>A</sub>	8,11	2,13	kW
Rated power input	D <sub>A</sub>	3,85	1,89	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,11</b>	<b>1,13</b>	

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

Declared cooling capacity	P <sub>B</sub>	9,07	2,49	kW
Declared power input	D <sub>B</sub>	3,62	1,89	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,50</b>	<b>1,32</b>	

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

Declared cooling capacity	P <sub>C</sub>	10,45	3,16	kW
Declared power input	D <sub>C</sub>	3,25	1,87	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,21</b>	<b>1,69</b>	

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

Declared cooling capacity	P <sub>D</sub>	11,82	3,68	kW
Declared power input	D <sub>D</sub>	2,86	1,87	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,13</b>	<b>1,97</b>	

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

Declared cooling capacity	P <sub>E</sub>	6,63	--	kW
Declared power input	D <sub>E</sub>	4,11	--	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,61</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: LHL5E/4FES-3Y

Refrigerant: R507A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	17404	13026	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,54	1,95	

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

Rated cooling capacity	P <sub>A</sub>	10,03	3,40	kW
Rated power input	D <sub>A</sub>	4,26	2,41	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,36</b>	<b>1,41</b>	

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

Declared cooling capacity	P <sub>B</sub>	11,26	3,83	kW
Declared power input	D <sub>B</sub>	3,96	2,34	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,84</b>	<b>1,64</b>	

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

Declared cooling capacity	P <sub>C</sub>	12,95	4,41	kW
Declared power input	D <sub>C</sub>	3,46	2,18	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,74</b>	<b>2,02</b>	

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

Declared cooling capacity	P <sub>D</sub>	14,56	4,91	kW
Declared power input	D <sub>D</sub>	2,86	1,96	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>5,09</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>	8,03	2,56	kW
Declared power input	D <sub>E</sub>	4,60	2,45	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,75</b>	<b>1,05</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: LHL5E/4FES-3Y

Refrigerant: R448A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	16800	10859	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,33	1,66	

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

Rated cooling capacity	P <sub>A</sub>	9,09	2,42	kW
Rated power input	D <sub>A</sub>	3,93	1,97	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,31</b>	<b>1,23</b>	

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

Declared cooling capacity	P <sub>B</sub>	10,08	2,79	kW
Declared power input	D <sub>B</sub>	3,67	1,95	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,75</b>	<b>1,43</b>	

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

Declared cooling capacity	P <sub>C</sub>	11,50	3,51	kW
Declared power input	D <sub>C</sub>	3,24	1,92	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,55</b>	<b>1,82</b>	

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

Declared cooling capacity	P <sub>D</sub>	12,90	4,02	kW
Declared power input	D <sub>D</sub>	2,80	1,92	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,61</b>	<b>2,09</b>	

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

Declared cooling capacity	P <sub>E</sub>	7,55	1,86	kW
Declared power input	D <sub>E</sub>	4,26	1,94	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,77</b>	<b>0,96</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-503](#)

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

SEPR Declaration Model: LHL5E/4FES-3Y

Refrigerant: R449A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	16772	10852	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,32	1,66	

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

Rated cooling capacity	P <sub>A</sub>	9,05	2,42	kW
Rated power input	D <sub>A</sub>	3,93	1,97	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,30</b>	<b>1,23</b>	

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

Declared cooling capacity	P <sub>B</sub>	10,04	2,79	kW
Declared power input	D <sub>B</sub>	3,67	1,95	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,74</b>	<b>1,43</b>	

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

Declared cooling capacity	P <sub>C</sub>	11,46	3,51	kW
Declared power input	D <sub>C</sub>	3,24	1,92	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,54</b>	<b>1,82</b>	

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

Declared cooling capacity	P <sub>D</sub>	12,87	4,02	kW
Declared power input	D <sub>D</sub>	2,80	1,92	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,60</b>	<b>2,09</b>	

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

Declared cooling capacity	P <sub>E</sub>	7,51	1,86	kW
Declared power input	D <sub>E</sub>	4,26	1,94	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,77</b>	<b>0,96</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: LHL5E/4FES-3Y

Refrigerant: R450A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	8986		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,45		

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

Rated cooling capacity	P <sub>A</sub>	5,04		kW
Rated power input	D <sub>A</sub>	2,01		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>	5,57		kW
Declared power input	D <sub>B</sub>	1,89		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,96</b>		

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

Declared cooling capacity	P <sub>C</sub>	6,32		kW
Declared power input	D <sub>C</sub>	1,67		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>	6,83		kW
Declared power input	D <sub>D</sub>	1,51		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,52</b>		

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

Declared cooling capacity	P <sub>E</sub>	4,20		kW
Declared power input	D <sub>E</sub>	2,14		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,96</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: LHL5E/4FES-3Y

Refrigerant: R513A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	10396		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,61		

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

Rated cooling capacity	P <sub>A</sub>	6,11		kW
Rated power input	D <sub>A</sub>	2,36		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>	6,77		kW
Declared power input	D <sub>B</sub>	2,22		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>3,05</b>		

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

Declared cooling capacity	P <sub>C</sub>	7,70		kW
Declared power input	D <sub>C</sub>	1,97		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,91</b>		

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

Declared cooling capacity	P <sub>D</sub>	8,42		kW
Declared power input	D <sub>D</sub>	1,74		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,85</b>		

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

Declared cooling capacity	P <sub>E</sub>	5,06		kW
Declared power input	D <sub>E</sub>	2,52		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>2,01</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: LHL5E/4FES-3Y

Refrigerant: R1234yf

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	10089		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>	5,90		kW
Rated power input	D <sub>A</sub>	2,32		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,54</b>		

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

Declared cooling capacity	P <sub>B</sub>	6,55		kW
Declared power input	D <sub>B</sub>	2,17		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>	7,48		kW
Declared power input	D <sub>C</sub>	1,92		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,90</b>		

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

Declared cooling capacity	P <sub>D</sub>	8,20		kW
Declared power input	D <sub>D</sub>	1,70		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,84</b>		

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

Declared cooling capacity	P <sub>E</sub>	4,87		kW
Declared power input	D <sub>E</sub>	2,49		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,96</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

COP Declaration Model: LHL5E/4FES-3Y

Refrigerant: R1234ze

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C

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

Rated cooling capacity	P <sub>A</sub>	4,36		kW
Rated power input	D <sub>A</sub>	1,75		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,50</b>		

### Point B: Parameters at part load and ambient temperature 25°C (information only)

Declared cooling capacity	P <sub>B</sub>	4,80		kW
Declared power input	D <sub>B</sub>	1,64		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,92</b>		

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

Declared cooling capacity	P <sub>E</sub>	3,67		kW
Declared power input	D <sub>E</sub>	1,87		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,96</b>		

### Other items

Capacity control	—		
Reference temperature	Dew point temp.		
Suction gas temperature	to <sub>h</sub>	20°C	
Power voltage	Net	400V/50Hz	

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