



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

### SEPR Declaration Model: LH124E/4TES-12Y

#### Refrigerant: R134a

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	24287		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,41		

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

Rated cooling capacity	P <sub>A</sub>	13,46		kW
Rated power input	D <sub>A</sub>	5,36		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>	14,81		kW
Declared power input	D <sub>B</sub>	5,09		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,91</b>		

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

Declared cooling capacity	P <sub>C</sub>	16,77		kW
Declared power input	D <sub>C</sub>	4,62		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,63</b>		

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

Declared cooling capacity	P <sub>D</sub>	18,74		kW
Declared power input	D <sub>D</sub>	4,07		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,61</b>		

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

Declared cooling capacity	P <sub>E</sub>	11,40		kW
Declared power input	D <sub>E</sub>	5,68		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		

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

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

### SEPR Declaration Model: LH124E/4TES-12Y

#### Refrigerant: R404A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	43174	28152	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,08	1,89	

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

Rated cooling capacity	P <sub>A</sub>	21,7	7,14	kW
Rated power input	D <sub>A</sub>	9,74	5,07	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,22</b>	<b>1,41</b>	

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

Declared cooling capacity	P <sub>B</sub>	24,3	8,24	kW
Declared power input	D <sub>B</sub>	9,24	5,01	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,63</b>	<b>1,64</b>	

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

Declared cooling capacity	P <sub>C</sub>	28,1	9,86	kW
Declared power input	D <sub>C</sub>	8,45	4,91	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,32</b>	<b>2,01</b>	

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

Declared cooling capacity	P <sub>D</sub>	31,9	11,53	kW
Declared power input	D <sub>D</sub>	7,58	4,77	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,20</b>	<b>2,42</b>	

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

Declared cooling capacity	P <sub>E</sub>	17,58	5,50	kW
Declared power input	D <sub>E</sub>	10,43	5,13	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,69</b>	<b>1,07</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: LH124E/4TES-12Y

#### Refrigerant: R407A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	38881	23714	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,11	1,69	

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

Rated cooling capacity	P <sub>A</sub>	19,64	5,37	kW
Rated power input	D <sub>A</sub>	8,66	4,19	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>	21,8	6,23	kW
Declared power input	D <sub>B</sub>	8,23	4,22	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,65</b>	<b>1,48</b>	

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

Declared cooling capacity	P <sub>C</sub>	24,9	7,47	kW
Declared power input	D <sub>C</sub>	7,50	4,17	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,32</b>	<b>1,79</b>	

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

Declared cooling capacity	P <sub>D</sub>	27,9	8,68	kW
Declared power input	D <sub>D</sub>	6,62	4,03	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,22</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>	16,29	--	kW
Declared power input	D <sub>E</sub>	9,19	--	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,77</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: LH124E/4TES-12Y

#### Refrigerant: R407C

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	36766		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>	18,82		kW
Rated power input	D <sub>A</sub>	8,20		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,29</b>		

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

Declared cooling capacity	P <sub>B</sub>	20,8		kW
Declared power input	D <sub>B</sub>	7,80		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,67</b>		

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

Declared cooling capacity	P <sub>C</sub>	23,7		kW
Declared power input	D <sub>C</sub>	7,06		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,35</b>		

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

Declared cooling capacity	P <sub>D</sub>	26,3		kW
Declared power input	D <sub>D</sub>	6,15		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,28</b>		

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

Declared cooling capacity	P <sub>E</sub>	15,61		kW
Declared power input	D <sub>E</sub>	8,64		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,81</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: LH124E/4TES-12Y

#### Refrigerant: R407F

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	40637	24003	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,09	1,72	

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

Rated cooling capacity	P <sub>A</sub>	20,4	5,55	kW
Rated power input	D <sub>A</sub>	9,13	4,29	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,23</b>	<b>1,29</b>	

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

Declared cooling capacity	P <sub>B</sub>	22,6	6,52	kW
Declared power input	D <sub>B</sub>	8,66	4,34	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,61</b>	<b>1,50</b>	

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

Declared cooling capacity	P <sub>C</sub>	25,8	7,92	kW
Declared power input	D <sub>C</sub>	7,85	4,32	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,29</b>	<b>1,83</b>	

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

Declared cooling capacity	P <sub>D</sub>	29,1	9,31	kW
Declared power input	D <sub>D</sub>	6,88	4,19	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,22</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>	16,95	--	kW
Declared power input	D <sub>E</sub>	9,70	--	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,75</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: LH124E/4TES-12Y

#### Refrigerant: R454C

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	35895	22066	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,95	1,56	

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

Rated cooling capacity	P <sub>A</sub>	17,23	4,61	kW
Rated power input	D <sub>A</sub>	7,74	3,79	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,23</b>	<b>1,22</b>	

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

Declared cooling capacity	P <sub>B</sub>	19,17	5,25	kW
Declared power input	D <sub>B</sub>	7,47	3,81	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,57</b>	<b>1,38</b>	

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

Declared cooling capacity	P <sub>C</sub>	22,0	6,21	kW
Declared power input	D <sub>C</sub>	6,97	3,79	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,16</b>	<b>1,64</b>	

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

Declared cooling capacity	P <sub>D</sub>	25,1	7,25	kW
Declared power input	D <sub>D</sub>	6,31	3,67	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>3,98</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>	14,14	3,57	kW
Declared power input	D <sub>E</sub>	8,08	3,76	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,75</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: LH124E/4TES-12Y

Refrigerant: R455A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	39335	22902	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,62	1,45	

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

Rated cooling capacity	P <sub>A</sub>	16,73	4,45	kW
Rated power input	D <sub>A</sub>	8,44	3,98	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>1,98</b>	<b>1,12</b>	

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

Declared cooling capacity	P <sub>B</sub>	18,84	5,18	kW
Declared power input	D <sub>B</sub>	8,18	4,00	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,30</b>	<b>1,29</b>	

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

Declared cooling capacity	P <sub>C</sub>	21,8	6,20	kW
Declared power input	D <sub>C</sub>	7,72	4,02	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>2,82</b>	<b>1,54</b>	

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

Declared cooling capacity	P <sub>D</sub>	24,9	7,28	kW
Declared power input	D <sub>D</sub>	7,12	3,97	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>3,49</b>	<b>1,84</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: LH124E/4TES-12Y

#### Refrigerant: R507A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	43272	28176	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,15	1,98	

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

Rated cooling capacity	P <sub>A</sub>	22,2	7,48	kW
Rated power input	D <sub>A</sub>	9,76	5,07	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,27</b>	<b>1,48</b>	

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

Declared cooling capacity	P <sub>B</sub>	24,9	8,63	kW
Declared power input	D <sub>B</sub>	9,27	5,01	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,69</b>	<b>1,72</b>	

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

Declared cooling capacity	P <sub>C</sub>	28,8	10,33	kW
Declared power input	D <sub>C</sub>	8,49	4,91	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,39</b>	<b>2,10</b>	

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

Declared cooling capacity	P <sub>D</sub>	32,7	12,07	kW
Declared power input	D <sub>D</sub>	7,62	4,77	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,29</b>	<b>2,53</b>	

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

Declared cooling capacity	P <sub>E</sub>	17,93	5,77	kW
Declared power input	D <sub>E</sub>	10,44	5,13	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,72</b>	<b>1,12</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: LH124E/4TES-12Y

Refrigerant: R448A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	39448	24663	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,13	1,73	

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

Rated cooling capacity	P <sub>A</sub>	20,1	5,72	kW
Rated power input	D <sub>A</sub>	8,89	4,30	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,26</b>	<b>1,33</b>	

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

Declared cooling capacity	P <sub>B</sub>	22,3	6,61	kW
Declared power input	D <sub>B</sub>	8,44	4,36	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,65</b>	<b>1,52</b>	

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

Declared cooling capacity	P <sub>C</sub>	25,5	7,92	kW
Declared power input	D <sub>C</sub>	7,64	4,33	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,34</b>	<b>1,83</b>	

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

Declared cooling capacity	P <sub>D</sub>	28,8	9,27	kW
Declared power input	D <sub>D</sub>	6,71	4,20	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,29</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>	16,66	4,38	kW
Declared power input	D <sub>E</sub>	9,45	4,09	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,76</b>	<b>1,07</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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\* Symbols taken from english version of the Regulation 2015/1095

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

### SEPR Declaration Model: LH124E/4TES-12Y

#### Refrigerant: R449A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	39393	24650	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,12	1,73	

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

Rated cooling capacity	P <sub>A</sub>	20,0	5,71	kW
Rated power input	D <sub>A</sub>	8,89	4,30	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,25</b>	<b>1,33</b>	

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

Declared cooling capacity	P <sub>B</sub>	22,2	6,61	kW
Declared power input	D <sub>B</sub>	8,43	4,36	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>	25,5	7,93	kW
Declared power input	D <sub>C</sub>	7,64	4,33	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,33</b>	<b>1,83</b>	

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

Declared cooling capacity	P <sub>D</sub>	28,7	9,27	kW
Declared power input	D <sub>D</sub>	6,71	4,20	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,28</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>	16,57	4,38	kW
Declared power input	D <sub>E</sub>	9,45	4,09	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,75</b>	<b>1,07</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: LH124E/4TES-12Y

#### Refrigerant: R450A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	21955		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,31		

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

Rated cooling capacity	P <sub>A</sub>	11,83		kW
Rated power input	D <sub>A</sub>	4,78		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>	13,04		kW
Declared power input	D <sub>B</sub>	4,55		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>	14,78		kW
Declared power input	D <sub>C</sub>	4,16		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>	16,53		kW
Declared power input	D <sub>D</sub>	3,74		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,42</b>		

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

Declared cooling capacity	P <sub>E</sub>	9,98		kW
Declared power input	D <sub>E</sub>	5,09		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

### SEPR Declaration Model: LH124E/4TES-12Y

#### Refrigerant: R513A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	25582		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,42		

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

Rated cooling capacity	P <sub>A</sub>	14,22		kW
Rated power input	D <sub>A</sub>	5,66		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>	15,71		kW
Declared power input	D <sub>B</sub>	5,38		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>	17,86		kW
Declared power input	D <sub>C</sub>	4,90		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,65</b>		

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

Declared cooling capacity	P <sub>D</sub>	20,00		kW
Declared power input	D <sub>D</sub>	4,33		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>	11,92		kW
Declared power input	D <sub>E</sub>	5,99		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: LH124E/4TES-12Y

#### Refrigerant: R1234yf

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	24833		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,40		

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

Rated cooling capacity	P <sub>A</sub>	13,72		kW
Rated power input	D <sub>A</sub>	5,57		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,46</b>		

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

Declared cooling capacity	P <sub>B</sub>	15,19		kW
Declared power input	D <sub>B</sub>	5,28		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,88</b>		

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

Declared cooling capacity	P <sub>C</sub>	17,31		kW
Declared power input	D <sub>C</sub>	4,78		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,62</b>		

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

Declared cooling capacity	P <sub>D</sub>	19,44		kW
Declared power input	D <sub>D</sub>	4,20		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,63</b>		

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

Declared cooling capacity	P <sub>E</sub>	11,47		kW
Declared power input	D <sub>E</sub>	5,93		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: LH124E/4TES-12Y

#### Refrigerant: R1234ze

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	20017		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,17		

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

Rated cooling capacity	P <sub>A</sub>	10,33		kW
Rated power input	D <sub>A</sub>	4,15		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,49</b>		

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

Declared cooling capacity	P <sub>B</sub>	11,38		kW
Declared power input	D <sub>B</sub>	3,96		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>	12,91		kW
Declared power input	D <sub>C</sub>	3,70		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,49</b>		

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

Declared cooling capacity	P <sub>D</sub>	14,12		kW
Declared power input	D <sub>D</sub>	3,51		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,02</b>		

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

Declared cooling capacity	P <sub>E</sub>	8,72		kW
Declared power input	D <sub>E</sub>	4,41		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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