



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

SEPR Declaration Model: LH114E/4DES-7Y

Refrigerant: R134a

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	17025		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,23		

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

Rated cooling capacity	P <sub>A</sub>	8,96		kW
Rated power input	D <sub>A</sub>	3,74		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,39</b>		

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

Declared cooling capacity	P <sub>B</sub>	9,80		kW
Declared power input	D <sub>B</sub>	3,52		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>	11,00		kW
Declared power input	D <sub>C</sub>	3,16		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>	11,98		kW
Declared power input	D <sub>D</sub>	2,80		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>	7,61		kW
Declared power input	D <sub>E</sub>	4,01		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,90</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: LH114E/4DES-7Y

Refrigerant: R404A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	27907	21094	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,25	1,75	

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

Rated cooling capacity	P <sub>A</sub>	14,75	4,96	kW
Rated power input	D <sub>A</sub>	6,49	3,85	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,27</b>	<b>1,29</b>	

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

Declared cooling capacity	P <sub>B</sub>	16,40	5,59	kW
Declared power input	D <sub>B</sub>	6,09	3,75	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,70</b>	<b>1,49</b>	

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

Declared cooling capacity	P <sub>C</sub>	18,72	6,48	kW
Declared power input	D <sub>C</sub>	5,42	3,55	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,45</b>	<b>1,83</b>	

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

Declared cooling capacity	P <sub>D</sub>	21,0	7,35	kW
Declared power input	D <sub>D</sub>	4,65	3,27	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,51</b>	<b>2,24</b>	

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

Declared cooling capacity	P <sub>E</sub>	12,10	3,95	kW
Declared power input	D <sub>E</sub>	7,00	3,93	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,73</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: LH114E/4DES-7Y

#### 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	25137	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>	12,89	kW
Rated power input	D <sub>A</sub>	5,71	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>	14,28	kW
Declared power input	D <sub>B</sub>	5,39	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,65</b>	

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

Declared cooling capacity	P <sub>C</sub>	16,28	kW
Declared power input	D <sub>C</sub>	4,86	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>	18,25	kW
Declared power input	D <sub>D</sub>	4,21	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,33</b>	

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

Declared cooling capacity	P <sub>E</sub>	10,73	kW
Declared power input	D <sub>E</sub>	6,09	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	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: LH114E/4DES-7Y

Refrigerant: R407C

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	23995		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>	12,29		kW
Rated power input	D <sub>A</sub>	5,37		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>	13,58		kW
Declared power input	D <sub>B</sub>	5,09		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>	15,38		kW
Declared power input	D <sub>C</sub>	4,59		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>	17,16		kW
Declared power input	D <sub>D</sub>	4,00		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,29</b>		

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

Declared cooling capacity	P <sub>E</sub>	10,27		kW
Declared power input	D <sub>E</sub>	5,69		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,80</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: LH114E/4DES-7Y

#### 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	26673	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,14	

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

Rated cooling capacity	P <sub>A</sub>	13,62	kW
Rated power input	D <sub>A</sub>	6,04	kW
Rated COP	COP <sub>A</sub>	2,26	

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

Declared cooling capacity	P <sub>B</sub>	15,03	kW
Declared power input	D <sub>B</sub>	5,70	kW
Declared COP	COP <sub>B</sub>	2,64	

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

Declared cooling capacity	P <sub>C</sub>	17,05	kW
Declared power input	D <sub>C</sub>	5,11	kW
Declared COP	COP <sub>C</sub>	3,33	

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

Declared cooling capacity	P <sub>D</sub>	19,04	kW
Declared power input	D <sub>D</sub>	4,42	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>	11,44	kW
Declared power input	D <sub>E</sub>	6,46	kW
Declared COP	COP <sub>E</sub>	1,77	

#### 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: LH114E/4DES-7Y

Refrigerant: R454C

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	23624	16672	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,07	1,48	

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

Rated cooling capacity	P <sub>A</sub>	11,78	3,30	kW
Rated power input	D <sub>A</sub>	5,34	2,92	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,21</b>	<b>1,13</b>	

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

Declared cooling capacity	P <sub>B</sub>	13,07	3,81	kW
Declared power input	D <sub>B</sub>	5,06	2,93	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,59</b>	<b>1,30</b>	

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

Declared cooling capacity	P <sub>C</sub>	14,92	4,54	kW
Declared power input	D <sub>C</sub>	4,57	2,89	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,27</b>	<b>1,57</b>	

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

Declared cooling capacity	P <sub>D</sub>	16,73	5,18	kW
Declared power input	D <sub>D</sub>	3,98	2,79	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,20</b>	<b>1,86</b>	

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

Declared cooling capacity	P <sub>E</sub>	9,78	2,53	kW
Declared power input	D <sub>E</sub>	5,69	2,84	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,72</b>	<b>0,89</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: LH114E/4DES-7Y

#### Refrigerant: R455A

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	26082	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,72	

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

Rated cooling capacity	P <sub>A</sub>	11,53	kW
Rated power input	D <sub>A</sub>	5,83	kW
Rated COP	COP <sub>A</sub>	1,98	

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

Declared cooling capacity	P <sub>B</sub>	12,89	kW
Declared power input	D <sub>B</sub>	5,57	kW
Declared COP	COP <sub>B</sub>	2,32	

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

Declared cooling capacity	P <sub>C</sub>	14,85	kW
Declared power input	D <sub>C</sub>	5,10	kW
Declared COP	COP <sub>C</sub>	2,91	

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

Declared cooling capacity	P <sub>D</sub>	16,81	kW
Declared power input	D <sub>D</sub>	4,54	kW
Declared COP	COP <sub>D</sub>	3,71	

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

Declared cooling capacity	P <sub>E</sub>	9,41	kW
Declared power input	D <sub>E</sub>	6,13	kW
Declared COP	COP <sub>E</sub>	1,54	

#### 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: LH114E/4DES-7Y

#### Refrigerant: R507A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	27956	21090	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,33	1,83	

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

Rated cooling capacity	P <sub>A</sub>	15,12	5,18	kW
Rated power input	D <sub>A</sub>	6,50	3,85	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,33</b>	<b>1,35</b>	

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

Declared cooling capacity	P <sub>B</sub>	16,84	5,85	kW
Declared power input	D <sub>B</sub>	6,10	3,75	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,76</b>	<b>1,56</b>	

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

Declared cooling capacity	P <sub>C</sub>	19,25	6,78	kW
Declared power input	D <sub>C</sub>	5,44	3,55	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,54</b>	<b>1,91</b>	

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

Declared cooling capacity	P <sub>D</sub>	21,6	7,70	kW
Declared power input	D <sub>D</sub>	4,68	3,28	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,62</b>	<b>2,35</b>	

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

Declared cooling capacity	P <sub>E</sub>	12,36	4,13	kW
Declared power input	D <sub>E</sub>	7,01	3,93	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,76</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: LH114E/4DES-7Y

#### Refrigerant: R448A

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	25903	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>	13,33	kW
Rated power input	D <sub>A</sub>	5,89	kW
Rated COP	COP <sub>A</sub>	2,26	

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

Declared cooling capacity	P <sub>B</sub>	14,74	kW
Declared power input	D <sub>B</sub>	5,55	kW
Declared COP	COP <sub>B</sub>	2,65	

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

Declared cooling capacity	P <sub>C</sub>	16,76	kW
Declared power input	D <sub>C</sub>	4,98	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>	18,74	kW
Declared power input	D <sub>D</sub>	4,31	kW
Declared COP	COP <sub>D</sub>	4,35	

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

Declared cooling capacity	P <sub>E</sub>	11,14	kW
Declared power input	D <sub>E</sub>	6,29	kW
Declared COP	COP <sub>E</sub>	1,77	

#### 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: LH114E/4DES-7Y

#### Refrigerant: R449A

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	25866	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>	13,27	kW
Rated power input	D <sub>A</sub>	5,88	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>	14,68	kW
Declared power input	D <sub>B</sub>	5,55	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>	16,71	kW
Declared power input	D <sub>C</sub>	4,98	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>	18,70	kW
Declared power input	D <sub>D</sub>	4,31	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>	11,08	kW
Declared power input	D <sub>E</sub>	6,29	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	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: LH114E/4DES-7Y

Refrigerant: R450A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	15526		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,10		

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

Rated cooling capacity	P <sub>A</sub>	7,84		kW
Rated power input	D <sub>A</sub>	3,39		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,31</b>		

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

Declared cooling capacity	P <sub>B</sub>	8,59		kW
Declared power input	D <sub>B</sub>	3,19		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,69</b>		

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

Declared cooling capacity	P <sub>C</sub>	9,65		kW
Declared power input	D <sub>C</sub>	2,87		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,37</b>		

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

Declared cooling capacity	P <sub>D</sub>	10,48		kW
Declared power input	D <sub>D</sub>	2,58		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,06</b>		

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

Declared cooling capacity	P <sub>E</sub>	6,64		kW
Declared power input	D <sub>E</sub>	3,63		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,83</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: LH114E/4DES-7Y

Refrigerant: R513A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	17688		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>	9,50		kW
Rated power input	D <sub>A</sub>	3,93		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,41</b>		

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

Declared cooling capacity	P <sub>B</sub>	10,44		kW
Declared power input	D <sub>B</sub>	3,71		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,82</b>		

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

Declared cooling capacity	P <sub>C</sub>	11,76		kW
Declared power input	D <sub>C</sub>	3,32		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>	12,93		kW
Declared power input	D <sub>D</sub>	2,93		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>	7,99		kW
Declared power input	D <sub>E</sub>	4,21		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,90</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: LH114E/4DES-7Y

Refrigerant: R1234yf

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	16771		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,26		

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

Rated cooling capacity	P <sub>A</sub>	8,90		kW
Rated power input	D <sub>A</sub>	3,75		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>	9,82		kW
Declared power input	D <sub>B</sub>	3,53		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>	11,11		kW
Declared power input	D <sub>C</sub>	3,16		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,52</b>		

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

Declared cooling capacity	P <sub>D</sub>	12,22		kW
Declared power input	D <sub>D</sub>	2,80		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,37</b>		

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

Declared cooling capacity	P <sub>E</sub>	7,47		kW
Declared power input	D <sub>E</sub>	4,04		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: LH114E/4DES-7Y

Refrigerant: R1234ze

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	13906		kWh/a
Seasonal Energy Performance Ratio	SEPR	2,91		

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

Rated cooling capacity	P <sub>A</sub>	6,58		kW
Rated power input	D <sub>A</sub>	2,92		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>	7,19		kW
Declared power input	D <sub>B</sub>	2,75		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,61</b>		

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

Declared cooling capacity	P <sub>C</sub>	8,04		kW
Declared power input	D <sub>C</sub>	2,49		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,24</b>		

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

Declared cooling capacity	P <sub>D</sub>	8,47		kW
Declared power input	D <sub>D</sub>	2,34		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>	5,63		kW
Declared power input	D <sub>E</sub>	3,13		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,80</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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