



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

### SEPR Declaration Model: LH84E/4DES-5Y

#### Refrigerant: R134a

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	15783		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>	8,48		kW
Rated power input	D <sub>A</sub>	3,49		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,43</b>		

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

Declared cooling capacity	P <sub>B</sub>	9,29		kW
Declared power input	D <sub>B</sub>	3,30		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>	10,44		kW
Declared power input	D <sub>C</sub>	2,97		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,51</b>		

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

Declared cooling capacity	P <sub>D</sub>	11,54		kW
Declared power input	D <sub>D</sub>	2,59		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,46</b>		

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

Declared cooling capacity	P <sub>E</sub>	7,19		kW
Declared power input	D <sub>E</sub>	3,72		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		

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

#### Contact details:

BITZER Kühlmaschinenbau GmbH  
Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
Internet: [www.bitzer.de](http://www.bitzer.de)

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

### SEPR Declaration Model: LH84E/4DES-5Y

#### Refrigerant: R404A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	29200	19271	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,77	1,83	

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

Rated cooling capacity	P <sub>A</sub>	13,14	4,73	kW
Rated power input	D <sub>A</sub>	6,63	3,53	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>1,98</b>	<b>1,34</b>	

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

Declared cooling capacity	P <sub>B</sub>	14,70	5,35	kW
Declared power input	D <sub>B</sub>	6,28	3,44	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,34</b>	<b>1,55</b>	

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

Declared cooling capacity	P <sub>C</sub>	16,90	6,22	kW
Declared power input	D <sub>C</sub>	5,70	3,26	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>2,96</b>	<b>1,91</b>	

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

Declared cooling capacity	P <sub>D</sub>	19,03	7,07	kW
Declared power input	D <sub>D</sub>	5,03	3,01	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>3,79</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>	10,64	3,75	kW
Declared power input	D <sub>E</sub>	7,08	3,59	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,50</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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#### Contact details:

BITZER Kühlmaschinenbau GmbH  
Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
Internet: [www.bitzer.de](http://www.bitzer.de)

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

SEPR Declaration Model: LH84E/4DES-5Y

Refrigerant: R407A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	25550	14789	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,82	1,67	

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

Rated cooling capacity	P <sub>A</sub>	11,74	3,31	kW
Rated power input	D <sub>A</sub>	5,67	2,63	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,07</b>	<b>1,26</b>	

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

Declared cooling capacity	P <sub>B</sub>	13,04	3,85	kW
Declared power input	D <sub>B</sub>	5,41	2,64	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,41</b>	<b>1,46</b>	

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

Declared cooling capacity	P <sub>C</sub>	14,92	4,62	kW
Declared power input	D <sub>C</sub>	4,94	2,60	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,02</b>	<b>1,78</b>	

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

Declared cooling capacity	P <sub>D</sub>	16,79	5,33	kW
Declared power input	D <sub>D</sub>	4,38	2,50	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>3,83</b>	<b>2,13</b>	

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

Declared cooling capacity	P <sub>E</sub>	9,72	2,52	kW
Declared power input	D <sub>E</sub>	5,99	2,54	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,62</b>	<b>0,99</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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### Contact details:

BITZER Kühlmaschinenbau GmbH  
Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
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## Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH84E/4DES-5Y

Refrigerant: R407C

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	24041		kWh/a
Seasonal Energy Performance Ratio	SEPR	2,88		

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

Rated cooling capacity	P <sub>A</sub>	11,27		kW
Rated power input	D <sub>A</sub>	5,28		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,14</b>		

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

Declared cooling capacity	P <sub>B</sub>	12,49		kW
Declared power input	D <sub>B</sub>	5,04		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,48</b>		

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

Declared cooling capacity	P <sub>C</sub>	14,22		kW
Declared power input	D <sub>C</sub>	4,61		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,08</b>		

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

Declared cooling capacity	P <sub>D</sub>	15,92		kW
Declared power input	D <sub>D</sub>	4,09		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>3,89</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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BITZER Kühlmaschinenbau GmbH  
Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
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## Performance Data Sheet according to EU Regulation 2015/1095

### SEPR Declaration Model: LH84E/4DES-5Y

#### Refrigerant: R407F

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	27422	15613	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,78	1,69	

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

Rated cooling capacity	P <sub>A</sub>	12,39	3,53	kW
Rated power input	D <sub>A</sub>	6,06	2,77	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,04</b>	<b>1,27</b>	

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

Declared cooling capacity	P <sub>B</sub>	13,71	4,08	kW
Declared power input	D <sub>B</sub>	5,77	2,78	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,37</b>	<b>1,47</b>	

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

Declared cooling capacity	P <sub>C</sub>	15,61	4,88	kW
Declared power input	D <sub>C</sub>	5,26	2,73	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>2,97</b>	<b>1,79</b>	

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

Declared cooling capacity	P <sub>D</sub>	17,51	5,63	kW
Declared power input	D <sub>D</sub>	4,66	2,62	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>3,76</b>	<b>2,15</b>	

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

Declared cooling capacity	P <sub>E</sub>	10,33	2,71	kW
Declared power input	D <sub>E</sub>	6,41	2,69	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,61</b>	<b>1,01</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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BITZER Kühlmaschinenbau GmbH  
Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
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## Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH84E/4DES-5Y

Refrigerant: R454C

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	23665	14493	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,80	1,63	

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

Rated cooling capacity	P <sub>A</sub>	10,79	3,17	kW
Rated power input	D <sub>A</sub>	5,26	2,54	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,05</b>	<b>1,25</b>	

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

Declared cooling capacity	P <sub>B</sub>	12,01	3,67	kW
Declared power input	D <sub>B</sub>	5,01	2,55	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,40</b>	<b>1,44</b>	

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

Declared cooling capacity	P <sub>C</sub>	13,76	4,38	kW
Declared power input	D <sub>C</sub>	4,58	2,52	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,00</b>	<b>1,74</b>	

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

Declared cooling capacity	P <sub>D</sub>	15,48	5,03	kW
Declared power input	D <sub>D</sub>	4,07	2,44	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>3,81</b>	<b>2,06</b>	

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

Declared cooling capacity	P <sub>E</sub>	8,91	2,43	kW
Declared power input	D <sub>E</sub>	5,55	2,45	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,61</b>	<b>0,99</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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### Contact details:

BITZER Kühlmaschinenbau GmbH  
Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
Internet: [www.bitzer.de](http://www.bitzer.de)

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

### SEPR Declaration Model: LH84E/4DES-5Y

#### Refrigerant: R455A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	26158	14902	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,46	1,50	

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

Rated cooling capacity	P <sub>A</sub>	10,48	3,01	kW
Rated power input	D <sub>A</sub>	5,75	2,64	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>1,82</b>	<b>1,14</b>	

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

Declared cooling capacity	P <sub>B</sub>	11,76	3,53	kW
Declared power input	D <sub>B</sub>	5,53	2,68	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,12</b>	<b>1,32</b>	

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

Declared cooling capacity	P <sub>C</sub>	13,60	4,30	kW
Declared power input	D <sub>C</sub>	5,13	2,68	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>2,65</b>	<b>1,60</b>	

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

Declared cooling capacity	P <sub>D</sub>	15,45	5,06	kW
Declared power input	D <sub>D</sub>	4,64	2,61	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>3,33</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>	--	--	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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#### Contact details:

BITZER Kühlmaschinenbau GmbH  
Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
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## Performance Data Sheet according to EU Regulation 2015/1095

### SEPR Declaration Model: LH84E/4DES-5Y

#### Refrigerant: R507A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	29278	19290	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,82	1,91	

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

Rated cooling capacity	P <sub>A</sub>	13,42	4,94	kW
Rated power input	D <sub>A</sub>	6,64	3,53	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,02</b>	<b>1,40</b>	

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

Declared cooling capacity	P <sub>B</sub>	15,04	5,59	kW
Declared power input	D <sub>B</sub>	6,30	3,45	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,39</b>	<b>1,62</b>	

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

Declared cooling capacity	P <sub>C</sub>	17,31	6,50	kW
Declared power input	D <sub>C</sub>	5,73	3,26	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,02</b>	<b>1,99</b>	

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

Declared cooling capacity	P <sub>D</sub>	19,53	7,40	kW
Declared power input	D <sub>D</sub>	5,07	3,02	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>3,86</b>	<b>2,45</b>	

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

Declared cooling capacity	P <sub>E</sub>	10,81	3,91	kW
Declared power input	D <sub>E</sub>	7,08	3,59	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,53</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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#### Contact details:

BITZER Kühlmaschinenbau GmbH  
Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
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## Performance Data Sheet according to EU Regulation 2015/1095

### SEPR Declaration Model: LH84E/4DES-5Y

#### Refrigerant: R448A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	26542	15713	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,81	1,70	

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

Rated cooling capacity	P <sub>A</sub>	12,12	3,57	kW
Rated power input	D <sub>A</sub>	5,90	2,78	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,06</b>	<b>1,28</b>	

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

Declared cooling capacity	P <sub>B</sub>	13,44	4,13	kW
Declared power input	D <sub>B</sub>	5,61	2,79	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,40</b>	<b>1,48</b>	

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

Declared cooling capacity	P <sub>C</sub>	15,34	4,93	kW
Declared power input	D <sub>C</sub>	5,11	2,74	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,00</b>	<b>1,80</b>	

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

Declared cooling capacity	P <sub>D</sub>	17,23	5,68	kW
Declared power input	D <sub>D</sub>	4,52	2,63	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>3,81</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>	10,06	2,75	kW
Declared power input	D <sub>E</sub>	6,23	2,70	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,61</b>	<b>1,02</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](#)

#### Contact details:

BITZER Kühlmaschinenbau GmbH  
Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
Internet: [www.bitzer.de](http://www.bitzer.de)

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

### SEPR Declaration Model: LH84E/4DES-5Y

#### Refrigerant: R449A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	26505	15704	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,80	1,70	

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

Rated cooling capacity	P <sub>A</sub>	12,06	3,57	kW
Rated power input	D <sub>A</sub>	5,89	2,78	kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,05</b>	<b>1,28</b>	

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

Declared cooling capacity	P <sub>B</sub>	13,39	4,13	kW
Declared power input	D <sub>B</sub>	5,61	2,79	kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,39</b>	<b>1,48</b>	

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

Declared cooling capacity	P <sub>C</sub>	15,29	4,93	kW
Declared power input	D <sub>C</sub>	5,11	2,74	kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>2,99</b>	<b>1,80</b>	

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

Declared cooling capacity	P <sub>D</sub>	17,19	5,69	kW
Declared power input	D <sub>D</sub>	4,52	2,63	kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>3,80</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>	10,01	2,75	kW
Declared power input	D <sub>E</sub>	6,23	2,70	kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,61</b>	<b>1,02</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		

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BITZER Kühlmaschinenbau GmbH  
Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
Internet: [www.bitzer.de](http://www.bitzer.de)

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

### SEPR Declaration Model: LH84E/4DES-5Y

#### Refrigerant: R450A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	14009		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,28		

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

Rated cooling capacity	P <sub>A</sub>	7,47		kW
Rated power input	D <sub>A</sub>	3,11		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,40</b>		

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

Declared cooling capacity	P <sub>B</sub>	8,19		kW
Declared power input	D <sub>B</sub>	2,94		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,79</b>		

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

Declared cooling capacity	P <sub>C</sub>	9,21		kW
Declared power input	D <sub>C</sub>	2,64		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>	10,19		kW
Declared power input	D <sub>D</sub>	2,30		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>	6,31		kW
Declared power input	D <sub>E</sub>	3,32		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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BITZER Kühlmaschinenbau GmbH  
Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
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## Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH84E/4DES-5Y

Refrigerant: R513A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	16657		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,29		

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

Rated cooling capacity	P <sub>A</sub>	8,92		kW
Rated power input	D <sub>A</sub>	3,70		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>	9,83		kW
Declared power input	D <sub>B</sub>	3,50		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>	11,09		kW
Declared power input	D <sub>C</sub>	3,16		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,51</b>		

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

Declared cooling capacity	P <sub>D</sub>	12,30		kW
Declared power input	D <sub>D</sub>	2,77		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,45</b>		

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

Declared cooling capacity	P <sub>E</sub>	7,48		kW
Declared power input	D <sub>E</sub>	3,93		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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BITZER Kühlmaschinenbau GmbH  
Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
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## Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH84E/4DES-5Y

Refrigerant: R1234yf

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	15668		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,29		

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

Rated cooling capacity	P <sub>A</sub>	8,38		kW
Rated power input	D <sub>A</sub>	3,52		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,38</b>		

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

Declared cooling capacity	P <sub>B</sub>	9,25		kW
Declared power input	D <sub>B</sub>	3,32		kW
<b>Declared COP</b>	<b>COP<sub>B</sub></b>	<b>2,79</b>		

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

Declared cooling capacity	P <sub>C</sub>	10,48		kW
Declared power input	D <sub>C</sub>	2,99		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,51</b>		

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

Declared cooling capacity	P <sub>D</sub>	11,67		kW
Declared power input	D <sub>D</sub>	2,61		kW
<b>Declared COP</b>	<b>COP<sub>D</sub></b>	<b>4,47</b>		

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

Declared cooling capacity	P <sub>E</sub>	7,01		kW
Declared power input	D <sub>E</sub>	3,77		kW
<b>Declared COP</b>	<b>COP<sub>E</sub></b>	<b>1,86</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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Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
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## Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH84E/4DES-5Y

Refrigerant: R1234ze

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	11930		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,27		

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

Rated cooling capacity	P <sub>A</sub>	6,34		kW
Rated power input	D <sub>A</sub>	2,61		kW
<b>Rated COP</b>	<b>COP<sub>A</sub></b>	<b>2,43</b>		

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

Declared cooling capacity	P <sub>B</sub>	6,92		kW
Declared power input	D <sub>B</sub>	2,46		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>	7,74		kW
Declared power input	D <sub>C</sub>	2,21		kW
<b>Declared COP</b>	<b>COP<sub>C</sub></b>	<b>3,50</b>		

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

Declared cooling capacity	P <sub>D</sub>	8,48		kW
Declared power input	D <sub>D</sub>	1,96		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>	5,41		kW
Declared power input	D <sub>E</sub>	2,80		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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### Contact details:

BITZER Kühlmaschinenbau GmbH  
Peter-Schaufler-Platz 1  
71065 Sindelfingen  
Deutschland  
Tel +49 (0) 70 31 932-0  
Fax +49 (0) 70 31 932-147  
E-Mail: [bitzer@bitzer.de](mailto:bitzer@bitzer.de)  
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