



Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH265E/6HE-35Y

Refrigerant: R134a

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	64177		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,40		

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

Rated cooling capacity	P _A	35,4		kW
Rated power input	D _A	14,18		kW
Rated COP	COP_A	2,50		

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

Declared cooling capacity	P _B	38,8		kW
Declared power input	D _B	13,44		kW
Declared COP	COP_B	2,89		

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

Declared cooling capacity	P _C	43,5		kW
Declared power input	D _C	12,10		kW
Declared COP	COP_C	3,60		

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

Declared cooling capacity	P _D	48,0		kW
Declared power input	D _D	10,44		kW
Declared COP	COP_D	4,60		

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

Declared cooling capacity	P _E	30,1		kW
Declared power input	D _E	15,04		kW
Declared COP	COP_E	2,00		

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
Internet: www.bitzer.de

* Symbols taken from english version of the Regulation 2015/1095

** Since condensing units are non functional systems Cdc can not be determined by test. For this reason the default degradation coefficient Cdc (0.25) has to be applied according to EN 13215, Annex A.



Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH265E/6HE-35Y

Refrigerant: R404A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	118166	76964	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,82	1,87	

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

Rated cooling capacity	P _A	54,3	19,31	kW
Rated power input	D _A	26,4	14,13	kW
Rated COP	COP_A	2,05	1,37	

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

Declared cooling capacity	P _B	60,8	22,1	kW
Declared power input	D _B	25,2	13,89	kW
Declared COP	COP_B	2,41	1,59	

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

Declared cooling capacity	P _C	70,1	26,2	kW
Declared power input	D _C	23,1	13,32	kW
Declared COP	COP_C	3,03	1,97	

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

Declared cooling capacity	P _D	79,5	30,3	kW
Declared power input	D _D	20,7	12,56	kW
Declared COP	COP_D	3,84	2,42	

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

Declared cooling capacity	P _E	43,9	14,91	kW
Declared power input	D _E	28,0	14,14	kW
Declared COP	COP_E	1,57	1,05	

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
Internet: www.bitzer.de

* Symbols taken from english version of the Regulation 2015/1095

** Since condensing units are non functional systems Cdc can not be determined by test. For this reason the default degradation coefficient Cdc (0.25) has to be applied according to EN 13215, Annex A.



Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH265E/6HE-35Y

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	105345	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,88	

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

Rated cooling capacity	P _A	49,3	kW
Rated power input	D _A	23,2	kW
Rated COP	COP _A	2,13	

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

Declared cooling capacity	P _B	54,8	kW
Declared power input	D _B	22,2	kW
Declared COP	COP _B	2,47	

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

Declared cooling capacity	P _C	62,9	kW
Declared power input	D _C	20,4	kW
Declared COP	COP _C	3,08	

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

Declared cooling capacity	P _D	71,1	kW
Declared power input	D _D	18,29	kW
Declared COP	COP _D	3,89	

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

Declared cooling capacity	P _E	40,7	kW
Declared power input	D _E	24,5	kW
Declared COP	COP _E	1,66	

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
Internet: www.bitzer.de

* Symbols taken from english version of the Regulation 2015/1095

** Since condensing units are non functional systems Cdc can not be determined by test. For this reason the default degradation coefficient Cdc (0.25) has to be applied according to EN 13215, Annex A.



Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH265E/6HE-35Y

Refrigerant: R407C

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	99108		kWh/a
Seasonal Energy Performance Ratio	SEPR	2,90		

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

Rated cooling capacity	P _A	46,8		kW
Rated power input	D _A	22,0		kW
Rated COP	COP_A	2,13		

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

Declared cooling capacity	P _B	51,8		kW
Declared power input	D _B	20,9		kW
Declared COP	COP_B	2,47		

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

Declared cooling capacity	P _C	58,8		kW
Declared power input	D _C	18,99		kW
Declared COP	COP_C	3,10		

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

Declared cooling capacity	P _D	65,4		kW
Declared power input	D _D	16,62		kW
Declared COP	COP_D	3,94		

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

Declared cooling capacity	P _E	38,9		kW
Declared power input	D _E	23,2		kW
Declared COP	COP_E	1,68		

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
Internet: www.bitzer.de

* Symbols taken from english version of the Regulation 2015/1095

** Since condensing units are non functional systems Cdc can not be determined by test. For this reason the default degradation coefficient Cdc (0.25) has to be applied according to EN 13215, Annex A.



Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH265E/6HE-35Y

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	113332	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,85	

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

Rated cooling capacity	P _A	52,5	kW
Rated power input	D _A	25,0	kW
Rated COP	COP _A	2,10	

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

Declared cooling capacity	P _B	58,4	kW
Declared power input	D _B	23,8	kW
Declared COP	COP _B	2,45	

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

Declared cooling capacity	P _C	66,7	kW
Declared power input	D _C	21,8	kW
Declared COP	COP _C	3,05	

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

Declared cooling capacity	P _D	74,9	kW
Declared power input	D _D	19,46	kW
Declared COP	COP _D	3,85	

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

Declared cooling capacity	P _E	43,5	kW
Declared power input	D _E	26,5	kW
Declared COP	COP _E	1,64	

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
Internet: www.bitzer.de

* Symbols taken from english version of the Regulation 2015/1095

** Since condensing units are non functional systems Cdc can not be determined by test. For this reason the default degradation coefficient Cdc (0.25) has to be applied according to EN 13215, Annex A.



Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH265E/6HE-35Y

Refrigerant: R507A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	118405	77111	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,88	1,95	

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

Rated cooling capacity	P _A	55,4	20,2	kW
Rated power input	D _A	26,5	14,13	kW
Rated COP	COP_A	2,09	1,43	

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

Declared cooling capacity	P _B	62,2	23,1	kW
Declared power input	D _B	25,3	13,90	kW
Declared COP	COP_B	2,46	1,66	

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

Declared cooling capacity	P _C	71,8	27,4	kW
Declared power input	D _C	23,2	13,34	kW
Declared COP	COP_C	3,10	2,05	

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

Declared cooling capacity	P _D	81,5	31,7	kW
Declared power input	D _D	20,8	12,59	kW
Declared COP	COP_D	3,91	2,52	

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

Declared cooling capacity	P _E	44,6	15,61	kW
Declared power input	D _E	28,0	14,13	kW
Declared COP	COP_E	1,59	1,10	

Other items

Capacity control		—		
Reference temperature		Dew point temp.		
Suction gas temperature	to _h	20°C		
Power voltage	Net	400V/50Hz		
Coefficient of degradation for units w/o capacity control**	C _{dc}	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
Internet: www.bitzer.de

* Symbols taken from english version of the Regulation 2015/1095

** Since condensing units are non functional systems C_{dc} can not be determined by test. For this reason the default degradation coefficient C_{dc} (0.25) has to be applied according to EN 13215, Annex A.



Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH265E/6HE-35Y

Refrigerant: R448A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	110152	67450	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,85	1,72	

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

Rated cooling capacity	P _A	51,1	15,57	kW
Rated power input	D _A	24,3	12,19	kW
Rated COP	COP_A	2,10	1,28	

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

Declared cooling capacity	P _B	56,6	17,93	kW
Declared power input	D _B	23,1	12,04	kW
Declared COP	COP_B	2,45	1,49	

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

Declared cooling capacity	P _C	64,5	21,3	kW
Declared power input	D _C	21,2	11,69	kW
Declared COP	COP_C	3,05	1,82	

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

Declared cooling capacity	P _D	72,3	24,6	kW
Declared power input	D _D	18,79	11,20	kW
Declared COP	COP_D	3,85	2,20	

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

Declared cooling capacity	P _E	42,3	11,85	kW
Declared power input	D _E	25,8	12,26	kW
Declared COP	COP_E	1,64	0,97	

Other items

Capacity control		—		
Reference temperature		Dew point temp.		
Suction gas temperature	to _h	20°C		
Power voltage	Net	400V/50Hz		
Coefficient of degradation for units w/o capacity control**	C _{dc}	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
Internet: www.bitzer.de

* Symbols taken from english version of the Regulation 2015/1095

** Since condensing units are non functional systems C_{dc} can not be determined by test. For this reason the default degradation coefficient C_{dc} (0.25) has to be applied according to EN 13215, Annex A.



Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH265E/6HE-35Y

Refrigerant: R449A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	109962	67418	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,84	1,72	

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

Rated cooling capacity	P _A	50,8	15,56	kW
Rated power input	D _A	24,3	12,19	kW
Rated COP	COP_A	2,09	1,28	

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

Declared cooling capacity	P _B	56,4	17,93	kW
Declared power input	D _B	23,1	12,04	kW
Declared COP	COP_B	2,44	1,49	

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

Declared cooling capacity	P _C	64,3	21,3	kW
Declared power input	D _C	21,1	11,69	kW
Declared COP	COP_C	3,04	1,82	

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

Declared cooling capacity	P _D	72,1	24,7	kW
Declared power input	D _D	18,78	11,20	kW
Declared COP	COP_D	3,84	2,20	

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

Declared cooling capacity	P _E	42,1	11,85	kW
Declared power input	D _E	25,8	12,26	kW
Declared COP	COP_E	1,63	0,97	

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
 Internet: www.bitzer.de

* Symbols taken from english version of the Regulation 2015/1095

** Since condensing units are non functional systems Cdc can not be determined by test. For this reason the default degradation coefficient Cdc (0.25) has to be applied according to EN 13215, Annex A.



Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH265E/6HE-35Y

Refrigerant: R450A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	56893		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,38		

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

Rated cooling capacity	P _A	31,3		kW
Rated power input	D _A	12,64		kW
Rated COP	COP_A	2,47		

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

Declared cooling capacity	P _B	34,3		kW
Declared power input	D _B	11,96		kW
Declared COP	COP_B	2,87		

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

Declared cooling capacity	P _C	38,4		kW
Declared power input	D _C	10,74		kW
Declared COP	COP_C	3,58		

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

Declared cooling capacity	P _D	42,4		kW
Declared power input	D _D	9,26		kW
Declared COP	COP_D	4,58		

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

Declared cooling capacity	P _E	26,4		kW
Declared power input	D _E	13,44		kW
Declared COP	COP_E	1,97		

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
Internet: www.bitzer.de

* Symbols taken from english version of the Regulation 2015/1095

** Since condensing units are non functional systems Cdc can not be determined by test. For this reason the default degradation coefficient Cdc (0.25) has to be applied according to EN 13215, Annex A.



Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH265E/6HE-35Y

Refrigerant: R513A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	67626		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,39		

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

Rated cooling capacity	P _A	37,3		kW
Rated power input	D _A	15,00		kW
Rated COP	COP_A	2,48		

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

Declared cooling capacity	P _B	41,0		kW
Declared power input	D _B	14,23		kW
Declared COP	COP_B	2,88		

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

Declared cooling capacity	P _C	46,2		kW
Declared power input	D _C	12,85		kW
Declared COP	COP_C	3,60		

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

Declared cooling capacity	P _D	51,2		kW
Declared power input	D _D	11,14		kW
Declared COP	COP_D	4,60		

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

Declared cooling capacity	P _E	31,3		kW
Declared power input	D _E	15,88		kW
Declared COP	COP_E	1,97		

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
Internet: www.bitzer.de

* Symbols taken from english version of the Regulation 2015/1095

** Since condensing units are non functional systems Cdc can not be determined by test. For this reason the default degradation coefficient Cdc (0.25) has to be applied according to EN 13215, Annex A.