



Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH265E/4JE-15Y

Refrigerant: R134a

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	39224		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,45		

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

Rated cooling capacity	P _A	22,0		kW
Rated power input	D _A	8,65		kW
Rated COP	COP_A	2,54		

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

Declared cooling capacity	P _B	24,1		kW
Declared power input	D _B	8,12		kW
Declared COP	COP_B	2,97		

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

Declared cooling capacity	P _C	27,2		kW
Declared power input	D _C	7,30		kW
Declared COP	COP_C	3,73		

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

Declared cooling capacity	P _D	30,0		kW
Declared power input	D _D	6,59		kW
Declared COP	COP_D	4,55		

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

Declared cooling capacity	P _E	18,77		kW
Declared power input	D _E	9,37		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](#)

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Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH265E/4JE-15Y

Refrigerant: R404A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	66424	48384	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,34	1,85	

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

Rated cooling capacity	P _A	36,1	12,01	kW
Rated power input	D _A	15,33	8,78	kW
Rated COP	COP_A	2,36	1,37	

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

Declared cooling capacity	P _B	40,2	13,74	kW
Declared power input	D _B	14,43	8,66	kW
Declared COP	COP_B	2,78	1,59	

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

Declared cooling capacity	P _C	46,0	16,18	kW
Declared power input	D _C	12,94	8,33	kW
Declared COP	COP_C	3,56	1,94	

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

Declared cooling capacity	P _D	51,8	18,59	kW
Declared power input	D _D	11,18	7,82	kW
Declared COP	COP_D	4,63	2,38	

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

Declared cooling capacity	P _E	29,6	9,32	kW
Declared power input	D _E	16,47	8,78	kW
Declared COP	COP_E	1,80	1,06	

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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SEPR Declaration Model: LH265E/4JE-15Y

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	59388	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,24	

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

Rated cooling capacity	P _A	31,3	kW
Rated power input	D _A	13,37	kW
Rated COP	COP _A	2,34	

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

Declared cooling capacity	P _B	34,8	kW
Declared power input	D _B	12,69	kW
Declared COP	COP _B	2,74	

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

Declared cooling capacity	P _C	39,8	kW
Declared power input	D _C	11,51	kW
Declared COP	COP _C	3,46	

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

Declared cooling capacity	P _D	44,8	kW
Declared power input	D _D	10,08	kW
Declared COP	COP _D	4,44	

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

Declared cooling capacity	P _E	26,0	kW
Declared power input	D _E	14,20	kW
Declared COP	COP _E	1,83	

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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SEPR Declaration Model: LH265E/4JE-15Y

Refrigerant: R407C

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	57852		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,18		

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

Rated cooling capacity	P _A	30,0		kW
Rated power input	D _A	13,07		kW
Rated COP	COP_A	2,29		

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

Declared cooling capacity	P _B	33,1		kW
Declared power input	D _B	12,35		kW
Declared COP	COP_B	2,68		

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

Declared cooling capacity	P _C	37,6		kW
Declared power input	D _C	11,10		kW
Declared COP	COP_C	3,39		

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

Declared cooling capacity	P _D	41,9		kW
Declared power input	D _D	9,63		kW
Declared COP	COP_D	4,35		

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

Declared cooling capacity	P _E	24,9		kW
Declared power input	D _E	13,94		kW
Declared COP	COP_E	1,79		

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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SEPR Declaration Model: LH265E/4JE-15Y

Refrigerant: R407F

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Item	Symbol*	Value	Unit
Evaporating temperature	t	-10	°C
Annual electricity consumption	Q	63115	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,27	

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

Rated cooling capacity	P _A	33,6	kW
Rated power input	D _A	14,22	kW
Rated COP	COP_A	2,36	

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

Declared cooling capacity	P _B	37,1	kW
Declared power input	D _B	13,44	kW
Declared COP	COP_B	2,76	

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

Declared cooling capacity	P _C	42,1	kW
Declared power input	D _C	12,10	kW
Declared COP	COP_C	3,48	

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

Declared cooling capacity	P _D	46,9	kW
Declared power input	D _D	10,50	kW
Declared COP	COP_D	4,47	

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

Declared cooling capacity	P _E	28,0	kW
Declared power input	D _E	15,20	kW
Declared COP	COP_E	1,84	

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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SEPR Declaration Model: LH265E/4JE-15Y

Refrigerant: R507A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	66534	48423	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,42	1,94	

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

Rated cooling capacity	P _A	37,0	12,57	kW
Rated power input	D _A	15,35	8,78	kW
Rated COP	COP_A	2,41	1,43	

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

Declared cooling capacity	P _B	41,3	14,38	kW
Declared power input	D _B	14,47	8,66	kW
Declared COP	COP_B	2,85	1,66	

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

Declared cooling capacity	P _C	47,3	16,95	kW
Declared power input	D _C	12,99	8,34	kW
Declared COP	COP_C	3,64	2,03	

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

Declared cooling capacity	P _D	53,3	19,49	kW
Declared power input	D _D	11,25	7,83	kW
Declared COP	COP_D	4,74	2,49	

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

Declared cooling capacity	P _E	30,3	9,77	kW
Declared power input	D _E	16,48	8,78	kW
Declared COP	COP_E	1,84	1,11	

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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SEPR Declaration Model: LH265E/4JE-15Y

Refrigerant: R448A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	61798	41737	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,32	1,72	

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

Rated cooling capacity	P _A	33,4	9,61	kW
Rated power input	D _A	13,87	7,35	kW
Rated COP	COP_A	2,41	1,31	

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

Declared cooling capacity	P _B	36,8	11,05	kW
Declared power input	D _B	13,11	7,32	kW
Declared COP	COP_B	2,81	1,51	

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

Declared cooling capacity	P _C	41,6	13,05	kW
Declared power input	D _C	11,79	7,17	kW
Declared COP	COP_C	3,53	1,82	

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

Declared cooling capacity	P _D	46,3	14,98	kW
Declared power input	D _D	10,22	6,91	kW
Declared COP	COP_D	4,53	2,17	

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

Declared cooling capacity	P _E	28,0	7,37	kW
Declared power input	D _E	14,83	7,26	kW
Declared COP	COP_E	1,89	1,02	

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		

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SEPR Declaration Model: LH265E/4JE-15Y

Refrigerant: R449A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	61695	41714	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,31	1,72	

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

Rated cooling capacity	P _A	33,2	9,61	kW
Rated power input	D _A	13,87	7,35	kW
Rated COP	COP_A	2,40	1,31	

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

Declared cooling capacity	P _B	36,6	11,05	kW
Declared power input	D _B	13,10	7,32	kW
Declared COP	COP_B	2,80	1,51	

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

Declared cooling capacity	P _C	41,4	13,06	kW
Declared power input	D _C	11,79	7,17	kW
Declared COP	COP_C	3,52	1,82	

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

Declared cooling capacity	P _D	46,2	14,99	kW
Declared power input	D _D	10,22	6,91	kW
Declared COP	COP_D	4,52	2,17	

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

Declared cooling capacity	P _E	27,8	7,37	kW
Declared power input	D _E	14,83	7,26	kW
Declared COP	COP_E	1,88	1,02	

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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SEPR Declaration Model: LH265E/4JE-15Y

Refrigerant: R450A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	35913		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,30		

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

Rated cooling capacity	P _A	19,28		kW
Rated power input	D _A	7,81		kW
Rated COP	COP_A	2,47		

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

Declared cooling capacity	P _B	21,2		kW
Declared power input	D _B	7,35		kW
Declared COP	COP_B	2,88		

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

Declared cooling capacity	P _C	24,0		kW
Declared power input	D _C	6,65		kW
Declared COP	COP_C	3,60		

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

Declared cooling capacity	P _D	26,2		kW
Declared power input	D _D	6,12		kW
Declared COP	COP_D	4,28		

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

Declared cooling capacity	P _E	16,39		kW
Declared power input	D _E	8,46		kW
Declared COP	COP_E	1,94		

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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SEPR Declaration Model: LH265E/4JE-15Y

Refrigerant: R513A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	40830		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,51		

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

Rated cooling capacity	P _A	23,3		kW
Rated power input	D _A	9,11		kW
Rated COP	COP_A	2,56		

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

Declared cooling capacity	P _B	25,6		kW
Declared power input	D _B	8,55		kW
Declared COP	COP_B	3,00		

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

Declared cooling capacity	P _C	29,1		kW
Declared power input	D _C	7,69		kW
Declared COP	COP_C	3,78		

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

Declared cooling capacity	P _D	32,3		kW
Declared power input	D _D	6,90		kW
Declared COP	COP_D	4,68		

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

Declared cooling capacity	P _E	19,66		kW
Declared power input	D _E	9,86		kW
Declared COP	COP_E	1,99		

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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