



Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH265E/6JE-25Y

Refrigerant: R134a

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	54897		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,48		

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

Rated cooling capacity	P _A	31,1		kW
Rated power input	D _A	12,29		kW
Rated COP	COP_A	2,53		

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

Declared cooling capacity	P _B	34,1		kW
Declared power input	D _B	11,63		kW
Declared COP	COP_B	2,93		

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

Declared cooling capacity	P _C	38,4		kW
Declared power input	D _C	10,44		kW
Declared COP	COP_C	3,68		

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

Declared cooling capacity	P _D	42,6		kW
Declared power input	D _D	8,96		kW
Declared COP	COP_D	4,75		

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

Declared cooling capacity	P _E	26,3		kW
Declared power input	D _E	13,02		kW
Declared COP	COP_E	2,02		

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		

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: LH265E/6JE-25Y

Refrigerant: R404A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	100976	66704	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,02	1,93	

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

Rated cooling capacity	P _A	49,6	17,29	kW
Rated power input	D _A	22,7	12,11	kW
Rated COP	COP_A	2,18	1,43	

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

Declared cooling capacity	P _B	55,3	19,81	kW
Declared power input	D _B	21,6	11,97	kW
Declared COP	COP_B	2,56	1,66	

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

Declared cooling capacity	P _C	63,5	23,4	kW
Declared power input	D _C	19,66	11,52	kW
Declared COP	COP_C	3,23	2,03	

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

Declared cooling capacity	P _D	71,6	26,9	kW
Declared power input	D _D	17,34	10,81	kW
Declared COP	COP_D	4,13	2,49	

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

Declared cooling capacity	P _E	40,6	13,44	kW
Declared power input	D _E	24,2	12,05	kW
Declared COP	COP_E	1,68	1,12	

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/6JE-25Y

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	89708	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,01	

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

Rated cooling capacity	P _A	43,9	kW
Rated power input	D _A	19,81	kW
Rated COP	COP_A	2,21	

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

Declared cooling capacity	P _B	48,8	kW
Declared power input	D _B	18,93	kW
Declared COP	COP_B	2,58	

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

Declared cooling capacity	P _C	55,9	kW
Declared power input	D _C	17,39	kW
Declared COP	COP_C	3,22	

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

Declared cooling capacity	P _D	63,2	kW
Declared power input	D _D	15,50	kW
Declared COP	COP_D	4,08	

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

Declared cooling capacity	P _E	36,3	kW
Declared power input	D _E	20,8	kW
Declared COP	COP_E	1,74	

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/6JE-25Y

Refrigerant: R407C

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	86535		kWh/a
Seasonal Energy Performance Ratio	SEPR	2,99		

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

Rated cooling capacity	P _A	42,1		kW
Rated power input	D _A	19,15		kW
Rated COP	COP_A	2,20		

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

Declared cooling capacity	P _B	46,7		kW
Declared power input	D _B	18,25		kW
Declared COP	COP_B	2,56		

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

Declared cooling capacity	P _C	53,3		kW
Declared power input	D _C	16,66		kW
Declared COP	COP_C	3,20		

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

Declared cooling capacity	P _D	59,7		kW
Declared power input	D _D	14,71		kW
Declared COP	COP_D	4,06		

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

Declared cooling capacity	P _E	--		kW
Declared power input	D _E	--		kW
Declared COP	COP_E	--		

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/6JE-25Y

Refrigerant: R407F

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	95871	56145	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,00	1,70	

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

Rated cooling capacity	P _A	46,8	12,80	kW
Rated power input	D _A	21,2	10,17	kW
Rated COP	COP_A	2,21	1,26	

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

Declared cooling capacity	P _B	51,9	14,92	kW
Declared power input	D _B	20,2	10,14	kW
Declared COP	COP_B	2,57	1,47	

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

Declared cooling capacity	P _C	59,2	17,97	kW
Declared power input	D _C	18,46	9,95	kW
Declared COP	COP_C	3,21	1,81	

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

Declared cooling capacity	P _D	66,3	21,0	kW
Declared power input	D _D	16,34	9,59	kW
Declared COP	COP_D	4,06	2,19	

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

Declared cooling capacity	P _E	38,8	--	kW
Declared power input	D _E	22,4	--	kW
Declared COP	COP_E	1,73	--	

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/6JE-25Y

Refrigerant: R507A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	101214	66802	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,08	2,02	

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

Rated cooling capacity	P _A	50,7	18,09	kW
Rated power input	D _A	22,8	12,11	kW
Rated COP	COP_A	2,22	1,49	

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

Declared cooling capacity	P _B	56,6	20,7	kW
Declared power input	D _B	21,7	11,97	kW
Declared COP	COP_B	2,61	1,73	

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

Declared cooling capacity	P _C	65,1	24,5	kW
Declared power input	D _C	19,75	11,54	kW
Declared COP	COP_C	3,30	2,12	

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

Declared cooling capacity	P _D	73,5	28,1	kW
Declared power input	D _D	17,46	10,83	kW
Declared COP	COP_D	4,21	2,60	

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

Declared cooling capacity	P _E	41,3	14,07	kW
Declared power input	D _E	24,2	12,05	kW
Declared COP	COP_E	1,71	1,17	

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/6JE-25Y

Refrigerant: R448A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	94044	58108	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,04	1,79	

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

Rated cooling capacity	P _A	46,4	13,97	kW
Rated power input	D _A	20,6	10,20	kW
Rated COP	COP_A	2,25	1,37	

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

Declared cooling capacity	P _B	51,2	16,05	kW
Declared power input	D _B	19,65	10,18	kW
Declared COP	COP_B	2,61	1,58	

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

Declared cooling capacity	P _C	58,1	18,99	kW
Declared power input	D _C	17,93	9,99	kW
Declared COP	COP_C	3,24	1,90	

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

Declared cooling capacity	P _D	64,8	21,8	kW
Declared power input	D _D	15,84	9,63	kW
Declared COP	COP_D	4,09	2,26	

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

Declared cooling capacity	P _E	38,9	10,75	kW
Declared power input	D _E	21,8	10,04	kW
Declared COP	COP_E	1,78	1,07	

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/6JE-25Y

Refrigerant: R449A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	93885	58076	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,03	1,79	

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

Rated cooling capacity	P _A	46,2	13,96	kW
Rated power input	D _A	20,6	10,20	kW
Rated COP	COP_A	2,24	1,37	

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

Declared cooling capacity	P _B	51,0	16,05	kW
Declared power input	D _B	19,64	10,18	kW
Declared COP	COP_B	2,60	1,58	

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

Declared cooling capacity	P _C	57,9	19,00	kW
Declared power input	D _C	17,92	9,99	kW
Declared COP	COP_C	3,23	1,90	

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

Declared cooling capacity	P _D	64,6	21,8	kW
Declared power input	D _D	15,83	9,63	kW
Declared COP	COP_D	4,08	2,26	

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

Declared cooling capacity	P _E	38,7	10,75	kW
Declared power input	D _E	21,8	10,04	kW
Declared COP	COP_E	1,77	1,07	

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/6JE-25Y

Refrigerant: R450A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	48869		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,44		

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

Rated cooling capacity	P _A	27,3		kW
Rated power input	D _A	10,99		kW
Rated COP	COP_A	2,49		

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

Declared cooling capacity	P _B	30,1		kW
Declared power input	D _B	10,38		kW
Declared COP	COP_B	2,90		

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

Declared cooling capacity	P _C	33,9		kW
Declared power input	D _C	9,31		kW
Declared COP	COP_C	3,64		

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

Declared cooling capacity	P _D	37,7		kW
Declared power input	D _D	8,00		kW
Declared COP	COP_D	4,71		

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

Declared cooling capacity	P _E	23,1		kW
Declared power input	D _E	11,67		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		

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SEPR Declaration Model: LH265E/6JE-25Y

Refrigerant: R513A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	57763		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,48		

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

Rated cooling capacity	P _A	32,7		kW
Rated power input	D _A	12,98		kW
Rated COP	COP_A	2,52		

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

Declared cooling capacity	P _B	36,1		kW
Declared power input	D _B	12,30		kW
Declared COP	COP_B	2,94		

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

Declared cooling capacity	P _C	40,9		kW
Declared power input	D _C	11,07		kW
Declared COP	COP_C	3,69		

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

Declared cooling capacity	P _D	45,5		kW
Declared power input	D _D	9,54		kW
Declared COP	COP_D	4,77		

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

Declared cooling capacity	P _E	27,4		kW
Declared power input	D _E	13,73		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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