



Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH265E/6GE-40Y

Refrigerant: R134a

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	77472		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,23		

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

Rated cooling capacity	P _A	40,7		kW
Rated power input	D _A	16,94		kW
Rated COP	COP_A	2,40		

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

Declared cooling capacity	P _B	44,2		kW
Declared power input	D _B	16,00		kW
Declared COP	COP_B	2,76		

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

Declared cooling capacity	P _C	49,1		kW
Declared power input	D _C	14,38		kW
Declared COP	COP_C	3,42		

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

Declared cooling capacity	P _D	53,7		kW
Declared power input	D _D	12,41		kW
Declared COP	COP_D	4,33		

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

Declared cooling capacity	P _E	34,9		kW
Declared power input	D _E	18,10		kW
Declared COP	COP_E	1,93		

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/6GE-40Y

Refrigerant: R404A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	139400	90653	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,62	1,81	

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

Rated cooling capacity	P _A	59,3	22,1	kW
Rated power input	D _A	30,8	16,47	kW
Rated COP	COP_A	1,92	1,34	

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

Declared cooling capacity	P _B	66,7	25,1	kW
Declared power input	D _B	29,5	16,19	kW
Declared COP	COP_B	2,26	1,55	

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

Declared cooling capacity	P _C	77,1	29,6	kW
Declared power input	D _C	27,3	15,53	kW
Declared COP	COP_C	2,82	1,91	

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

Declared cooling capacity	P _D	87,6	34,3	kW
Declared power input	D _D	24,8	14,69	kW
Declared COP	COP_D	3,53	2,33	

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

Declared cooling capacity	P _E	47,5	17,19	kW
Declared power input	D _E	32,5	16,49	kW
Declared COP	COP_E	1,46	1,04	

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/6GE-40Y

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	124006	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,72	

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

Rated cooling capacity	P _A	55,0	kW
Rated power input	D _A	27,0	kW
Rated COP	COP_A	2,04	

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

Declared cooling capacity	P _B	61,1	kW
Declared power input	D _B	25,8	kW
Declared COP	COP_B	2,36	

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

Declared cooling capacity	P _C	70,1	kW
Declared power input	D _C	23,9	kW
Declared COP	COP_C	2,93	

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

Declared cooling capacity	P _D	79,3	kW
Declared power input	D _D	21,7	kW
Declared COP	COP_D	3,66	

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/6GE-40Y

Refrigerant: R407C

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	121048		kWh/a
Seasonal Energy Performance Ratio	SEPR	2,74		

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

Rated cooling capacity	P _A	53,9		kW
Rated power input	D _A	26,7		kW
Rated COP	COP_A	2,02		

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

Declared cooling capacity	P _B	59,4		kW
Declared power input	D _B	25,3		kW
Declared COP	COP_B	2,35		

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

Declared cooling capacity	P _C	67,1		kW
Declared power input	D _C	23,0		kW
Declared COP	COP_C	2,92		

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

Declared cooling capacity	P _D	74,6		kW
Declared power input	D _D	20,2		kW
Declared COP	COP_D	3,68		

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

Declared cooling capacity	P _E	45,2		kW
Declared power input	D _E	28,3		kW
Declared COP	COP_E	1,60		

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/6GE-40Y

Refrigerant: R407F

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Item	Symbol*	Value	Unit
Evaporating temperature	t	-10	°C
Annual electricity consumption	Q	133378	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,70	

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

Rated cooling capacity	P _A	58,6	kW
Rated power input	D _A	29,0	kW
Rated COP	COP_A	2,02	

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

Declared cooling capacity	P _B	65,1	kW
Declared power input	D _B	27,8	kW
Declared COP	COP_B	2,34	

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

Declared cooling capacity	P _C	74,4	kW
Declared power input	D _C	25,7	kW
Declared COP	COP_C	2,90	

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

Declared cooling capacity	P _D	83,7	kW
Declared power input	D _D	23,1	kW
Declared COP	COP_D	3,62	

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/6GE-40Y

Refrigerant: R507A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	139581	90801	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,66	1,89	

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

Rated cooling capacity	P _A	60,5	23,0	kW
Rated power input	D _A	30,9	16,48	kW
Rated COP	COP_A	1,96	1,40	

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

Declared cooling capacity	P _B	68,1	26,3	kW
Declared power input	D _B	29,6	16,21	kW
Declared COP	COP_B	2,30	1,62	

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

Declared cooling capacity	P _C	78,9	30,9	kW
Declared power input	D _C	27,4	15,56	kW
Declared COP	COP_C	2,88	1,99	

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

Declared cooling capacity	P _D	89,7	35,8	kW
Declared power input	D _D	25,0	14,72	kW
Declared COP	COP_D	3,59	2,43	

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

Declared cooling capacity	P _E	48,1	17,97	kW
Declared power input	D _E	32,5	16,48	kW
Declared COP	COP_E	1,48	1,09	

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/6GE-40Y

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	129088	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,69	

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

Rated cooling capacity	P _A	56,4	kW
Rated power input	D _A	28,2	kW
Rated COP	COP_A	2,00	

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

Declared cooling capacity	P _B	62,7	kW
Declared power input	D _B	26,9	kW
Declared COP	COP_B	2,33	

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

Declared cooling capacity	P _C	71,5	kW
Declared power input	D _C	24,8	kW
Declared COP	COP_C	2,88	

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

Declared cooling capacity	P _D	80,3	kW
Declared power input	D _D	22,3	kW
Declared COP	COP_D	3,60	

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/6GE-40Y

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	128863	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,68	

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

Rated cooling capacity	P _A	56,1	kW
Rated power input	D _A	28,2	kW
Rated COP	COP_A	1,99	

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

Declared cooling capacity	P _B	62,4	kW
Declared power input	D _B	26,9	kW
Declared COP	COP_B	2,32	

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

Declared cooling capacity	P _C	71,2	kW
Declared power input	D _C	24,8	kW
Declared COP	COP_C	2,87	

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

Declared cooling capacity	P _D	80,0	kW
Declared power input	D _D	22,3	kW
Declared COP	COP_D	3,60	

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/6GE-40Y

Refrigerant: R450A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	68173		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	35,9		kW
Rated power input	D _A	15,02		kW
Rated COP	COP_A	2,39		

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

Declared cooling capacity	P _B	39,1		kW
Declared power input	D _B	14,15		kW
Declared COP	COP_B	2,76		

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

Declared cooling capacity	P _C	43,4		kW
Declared power input	D _C	12,68		kW
Declared COP	COP_C	3,43		

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

Declared cooling capacity	P _D	47,5		kW
Declared power input	D _D	10,90		kW
Declared COP	COP_D	4,36		

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

Declared cooling capacity	P _E	30,8		kW
Declared power input	D _E	16,09		kW
Declared COP	COP_E	1,91		

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/6GE-40Y

Refrigerant: R513A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	81686		kWh/a
Seasonal Energy Performance Ratio	SEPR	3,20		

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

Rated cooling capacity	P _A	42,6		kW
Rated power input	D _A	17,95		kW
Rated COP	COP_A	2,37		

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

Declared cooling capacity	P _B	46,6		kW
Declared power input	D _B	16,99		kW
Declared COP	COP_B	2,74		

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

Declared cooling capacity	P _C	52,1		kW
Declared power input	D _C	15,31		kW
Declared COP	COP_C	3,40		

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

Declared cooling capacity	P _D	57,2		kW
Declared power input	D _D	13,28		kW
Declared COP	COP_D	4,31		

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

Declared cooling capacity	P _E	36,1		kW
Declared power input	D _E	19,14		kW
Declared COP	COP_E	1,89		

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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