



Performance Data Sheet according to EU Regulation 2015/1095

COP Declaration Model: LH64E/2DES-2Y

Refrigerant: R134a

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C

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

Rated cooling capacity	P _A	4,47		kW
Rated power input	D _A	1,97		kW
Rated COP	COP_A	2,28		

Point B: Parameters at part load and ambient temperature 25°C (information only)

Declared cooling capacity	P _B	4,90		kW
Declared power input	D _B	1,86		kW
Declared COP	COP_B	2,64		

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

Declared cooling capacity	P _E	3,82		kW
Declared power input	D _E	2,10		kW
Declared COP	COP_E	1,82		

Other items

Capacity control	—		
Reference temperature	Dew point temp.		
Suction gas temperature	toh	20°C	
Power voltage	Net	400V/50Hz	

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

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



Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH64E/2DES-2Y

Refrigerant: R404A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	14596	10365	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,97	1,70	

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

Rated cooling capacity	P _A	7,06	2,36	kW
Rated power input	D _A	3,36	1,89	kW
Rated COP	COP_A	2,10	1,25	

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

Declared cooling capacity	P _B	7,91	2,70	kW
Declared power input	D _B	3,18	1,86	kW
Declared COP	COP_B	2,49	1,45	

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

Declared cooling capacity	P _C	9,07	3,16	kW
Declared power input	D _C	2,85	1,78	kW
Declared COP	COP_C	3,18	1,78	

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

Declared cooling capacity	P _D	10,16	3,60	kW
Declared power input	D _D	2,47	1,65	kW
Declared COP	COP_D	4,11	2,19	

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

Declared cooling capacity	P _E	5,68	1,79	kW
Declared power input	D _E	3,58	1,87	kW
Declared COP	COP_E	1,59	0,96	

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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Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH64E/2DES-2Y

Refrigerant: R407A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	13341	8535	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,89	1,47	

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

Rated cooling capacity	P _A	6,28	1,69	kW
Rated power input	D _A	3,01	1,52	kW
Rated COP	COP_A	2,09	1,11	

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

Declared cooling capacity	P _B	6,96	1,96	kW
Declared power input	D _B	2,85	1,52	kW
Declared COP	COP_B	2,44	1,29	

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

Declared cooling capacity	P _C	7,93	2,36	kW
Declared power input	D _C	2,57	1,50	kW
Declared COP	COP_C	3,08	1,57	

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

Declared cooling capacity	P _D	8,89	2,71	kW
Declared power input	D _D	2,25	1,45	kW
Declared COP	COP_D	3,95	1,87	

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

Declared cooling capacity	P _E	5,22	1,27	kW
Declared power input	D _E	3,21	1,47	kW
Declared COP	COP_E	1,63	0,86	

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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Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH64E/2DES-2Y

Refrigerant: R407C

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	12995		kWh/a
Seasonal Energy Performance Ratio	SEPR	2,91		

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

Rated cooling capacity	P _A	6,15		kW
Rated power input	D _A	2,90		kW
Rated COP	COP_A	2,12		

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

Declared cooling capacity	P _B	6,76		kW
Declared power input	D _B	2,74		kW
Declared COP	COP_B	2,47		

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

Declared cooling capacity	P _C	7,63		kW
Declared power input	D _C	2,47		kW
Declared COP	COP_C	3,10		

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

Declared cooling capacity	P _D	8,48		kW
Declared power input	D _D	2,15		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	5,17		kW
Declared power input	D _E	3,10		kW
Declared COP	COP_E	1,67		

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: LH64E/2DES-2Y

Refrigerant: R407F

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	14218	8969	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,87	1,50	

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

Rated cooling capacity	P _A	6,64	1,81	kW
Rated power input	D _A	3,20	1,59	kW
Rated COP	COP_A	2,07	1,13	

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

Declared cooling capacity	P _B	7,32	2,09	kW
Declared power input	D _B	3,02	1,60	kW
Declared COP	COP_B	2,42	1,31	

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

Declared cooling capacity	P _C	8,30	2,49	kW
Declared power input	D _C	2,72	1,57	kW
Declared COP	COP_C	3,05	1,59	

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

Declared cooling capacity	P _D	9,27	2,88	kW
Declared power input	D _D	2,37	1,50	kW
Declared COP	COP_D	3,92	1,91	

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

Declared cooling capacity	P _E	5,56	1,36	kW
Declared power input	D _E	3,42	1,54	kW
Declared COP	COP_E	1,63	0,88	

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: LH64E/2DES-2Y

Refrigerant: R454C

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	12501	8426	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,83	1,43	

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

Rated cooling capacity	P _A	5,75	1,62	kW
Rated power input	D _A	2,81	1,47	kW
Rated COP	COP_A	2,05	1,10	

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

Declared cooling capacity	P _B	6,38	1,87	kW
Declared power input	D _B	2,66	1,48	kW
Declared COP	COP_B	2,40	1,27	

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

Declared cooling capacity	P _C	7,28	2,23	kW
Declared power input	D _C	2,41	1,46	kW
Declared COP	COP_C	3,02	1,52	

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

Declared cooling capacity	P _D	8,17	2,57	kW
Declared power input	D _D	2,12	1,42	kW
Declared COP	COP_D	3,86	1,81	

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

Declared cooling capacity	P _E	4,77	1,22	kW
Declared power input	D _E	2,99	1,42	kW
Declared COP	COP_E	1,60	0,86	

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: LH64E/2DES-2Y

Refrigerant: R455A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	13805	8565	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,50	1,33	

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

Rated cooling capacity	P _A	5,62	1,53	kW
Rated power input	D _A	3,07	1,52	kW
Rated COP	COP_A	1,83	1,01	

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

Declared cooling capacity	P _B	6,29	1,81	kW
Declared power input	D _B	2,94	1,55	kW
Declared COP	COP_B	2,14	1,17	

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

Declared cooling capacity	P _C	7,24	2,20	kW
Declared power input	D _C	2,70	1,54	kW
Declared COP	COP_C	2,68	1,43	

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

Declared cooling capacity	P _D	8,19	2,58	kW
Declared power input	D _D	2,41	1,51	kW
Declared COP	COP_D	3,40	1,71	

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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Performance Data Sheet according to EU Regulation 2015/1095

SEPR Declaration Model: LH64E/2DES-2Y

Refrigerant: R507A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	14625	10379	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,04	1,78	

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

Rated cooling capacity	P _A	7,23	2,48	kW
Rated power input	D _A	3,37	1,89	kW
Rated COP	COP_A	2,15	1,31	

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

Declared cooling capacity	P _B	8,11	2,83	kW
Declared power input	D _B	3,18	1,86	kW
Declared COP	COP_B	2,55	1,52	

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

Declared cooling capacity	P _C	9,31	3,31	kW
Declared power input	D _C	2,87	1,78	kW
Declared COP	COP_C	3,25	1,86	

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

Declared cooling capacity	P _D	10,45	3,78	kW
Declared power input	D _D	2,49	1,65	kW
Declared COP	COP_D	4,20	2,29	

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

Declared cooling capacity	P _E	5,79	1,88	kW
Declared power input	D _E	3,58	1,87	kW
Declared COP	COP_E	1,62	1,00	

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		

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SEPR Declaration Model: LH64E/2DES-2Y

Refrigerant: R448A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	13807	9028	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,89	1,51	

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

Rated cooling capacity	P _A	6,49	1,83	kW
Rated power input	D _A	3,12	1,60	kW
Rated COP	COP_A	2,08	1,15	

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

Declared cooling capacity	P _B	7,18	2,12	kW
Declared power input	D _B	2,94	1,60	kW
Declared COP	COP_B	2,44	1,32	

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

Declared cooling capacity	P _C	8,16	2,52	kW
Declared power input	D _C	2,65	1,57	kW
Declared COP	COP_C	3,08	1,60	

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

Declared cooling capacity	P _D	9,13	2,90	kW
Declared power input	D _D	2,31	1,51	kW
Declared COP	COP_D	3,95	1,92	

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

Declared cooling capacity	P _E	5,42	1,39	kW
Declared power input	D _E	3,33	1,55	kW
Declared COP	COP_E	1,63	0,90	

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: LH64E/2DES-2Y

Refrigerant: R449A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	13788	9023	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,88	1,51	

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

Rated cooling capacity	P _A	6,47	1,83	kW
Rated power input	D _A	3,12	1,60	kW
Rated COP	COP_A	2,07	1,15	

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

Declared cooling capacity	P _B	7,15	2,12	kW
Declared power input	D _B	2,94	1,60	kW
Declared COP	COP_B	2,43	1,32	

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

Declared cooling capacity	P _C	8,13	2,52	kW
Declared power input	D _C	2,65	1,57	kW
Declared COP	COP_C	3,07	1,60	

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

Declared cooling capacity	P _D	9,10	2,90	kW
Declared power input	D _D	2,31	1,51	kW
Declared COP	COP_D	3,94	1,92	

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

Declared cooling capacity	P _E	5,39	1,39	kW
Declared power input	D _E	3,33	1,55	kW
Declared COP	COP_E	1,62	0,90	

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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Performance Data Sheet according to EU Regulation 2015/1095

COP Declaration Model: LH64E/2DES-2Y

Refrigerant: R450A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C

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

Rated cooling capacity	P _A	3,92		kW
Rated power input	D _A	1,78		kW
Rated COP	COP_A	2,21		

Point B: Parameters at part load and ambient temperature 25°C (information only)

Declared cooling capacity	P _B	4,30		kW
Declared power input	D _B	1,68		kW
Declared COP	COP_B	2,56		

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

Declared cooling capacity	P _E	3,34		kW
Declared power input	D _E	1,89		kW
Declared COP	COP_E	1,76		

Other items

Capacity control	—		
Reference temperature	Dew point temp.		
Suction gas temperature	to _h	20°C	
Power voltage	Net	400V/50Hz	

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03.06.2020 / All data subject to change.

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Performance Data Sheet according to EU Regulation 2015/1095

COP Declaration Model: LH64E/2DES-2Y

Refrigerant: R513A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C

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

Rated cooling capacity	P _A	4,73		kW
Rated power input	D _A	2,07		kW
Rated COP	COP_A	2,29		

Point B: Parameters at part load and ambient temperature 25°C (information only)

Declared cooling capacity	P _B	5,20		kW
Declared power input	D _B	1,96		kW
Declared COP	COP_B	2,66		

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

Declared cooling capacity	P _E	4,00		kW
Declared power input	D _E	2,20		kW
Declared COP	COP_E	1,81		

Other items

Capacity control	—		
Reference temperature	Dew point temp.		
Suction gas temperature	toh	20°C	
Power voltage	Net	400V/50Hz	

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Refrigerant: R1234yf

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C

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

Rated cooling capacity	P _A	4,44		kW
Rated power input	D _A	1,98		kW
Rated COP	COP_A	2,24		

Point B: Parameters at part load and ambient temperature 25°C (information only)

Declared cooling capacity	P _B	4,89		kW
Declared power input	D _B	1,87		kW
Declared COP	COP_B	2,62		

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

Declared cooling capacity	P _E	3,73		kW
Declared power input	D _E	2,12		kW
Declared COP	COP_E	1,76		

Other items

Capacity control	—		
Reference temperature	Dew point temp.		
Suction gas temperature	to _h	20°C	
Power voltage	Net	400V/50Hz	

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

Contact details:

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



Performance Data Sheet according to EU Regulation 2015/1095

COP Declaration Model: LH64E/2DES-2Y

Refrigerant: R1234ze

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C

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

Rated cooling capacity	P _A	3,32		kW
Rated power input	D _A	1,53		kW
Rated COP	COP_A	2,17		

Point B: Parameters at part load and ambient temperature 25°C (information only)

Declared cooling capacity	P _B	3,65		kW
Declared power input	D _B	1,45		kW
Declared COP	COP_B	2,51		

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

Declared cooling capacity	P _E	2,82		kW
Declared power input	D _E	1,63		kW
Declared COP	COP_E	1,73		

Other items

Capacity control	—		
Reference temperature	Dew point temp.		
Suction gas temperature	toh	20°C	
Power voltage	Net	400V/50Hz	

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