



Performance Data Sheet according to EU Regulation 2015/1095

COP Declaration Model: LH64E/2DES-3Y

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	2,27		

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	1,87		kW
Declared COP	COP_B	2,63		

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-3Y

Refrigerant: R404A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	14409	10420	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,02	1,69	

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

Rated cooling capacity	P _A	7,07	2,36	kW
Rated power input	D _A	3,28	1,90	kW
Rated COP	COP_A	2,15	1,25	

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

Declared cooling capacity	P _B	7,92	2,70	kW
Declared power input	D _B	3,11	1,87	kW
Declared COP	COP_B	2,54	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	2,81	1,78	kW
Declared COP	COP_C	3,23	1,77	

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	2,45	1,66	kW
Declared COP	COP_D	4,14	2,17	

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

Declared cooling capacity	P _E	5,69	1,79	kW
Declared power input	D _E	3,48	1,88	kW
Declared COP	COP_E	1,63	0,95	

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-3Y

Refrigerant: R407A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	13228	8630	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,92	1,46	

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	2,96	1,53	kW
Rated COP	COP_A	2,12	1,10	

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	2,81	1,54	kW
Declared COP	COP_B	2,48	1,28	

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

Declared cooling capacity	P _C	7,94	2,36	kW
Declared power input	D _C	2,55	1,52	kW
Declared COP	COP_C	3,12	1,55	

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	2,24	1,47	kW
Declared COP	COP_D	3,97	1,85	

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	3,14	1,48	kW
Declared COP	COP_E	1,66	0,85	

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-3Y

Refrigerant: R407C

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	12905		kWh/a
Seasonal Energy Performance Ratio	SEPR	2,93		

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

Rated cooling capacity	P _A	6,15		kW
Rated power input	D _A	2,86		kW
Rated COP	COP_A	2,15		

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

Declared cooling capacity	P _B	6,77		kW
Declared power input	D _B	2,70		kW
Declared COP	COP_B	2,50		

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

Declared cooling capacity	P _C	7,63		kW
Declared power input	D _C	2,44		kW
Declared COP	COP_C	3,12		

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	3,95		

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	3,04		kW
Declared COP	COP_E	1,70		

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-3Y

Refrigerant: R407F

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	14064	9055	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,90	1,49	

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

Rated cooling capacity	P _A	6,64	1,80	kW
Rated power input	D _A	3,14	1,61	kW
Rated COP	COP_A	2,12	1,12	

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

Declared cooling capacity	P _B	7,33	2,09	kW
Declared power input	D _B	2,97	1,61	kW
Declared COP	COP_B	2,47	1,30	

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

Declared cooling capacity	P _C	8,31	2,49	kW
Declared power input	D _C	2,69	1,58	kW
Declared COP	COP_C	3,09	1,58	

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

Declared cooling capacity	P _D	9,28	2,88	kW
Declared power input	D _D	2,35	1,52	kW
Declared COP	COP_D	3,94	1,89	

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

Declared cooling capacity	P _E	5,57	1,36	kW
Declared power input	D _E	3,34	1,56	kW
Declared COP	COP_E	1,67	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-3Y

Refrigerant: R454C

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	12412	8525	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,85	1,41	

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

Rated cooling capacity	P _A	5,76	1,62	kW
Rated power input	D _A	2,76	1,49	kW
Rated COP	COP_A	2,08	1,09	

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

Declared cooling capacity	P _B	6,39	1,87	kW
Declared power input	D _B	2,63	1,50	kW
Declared COP	COP_B	2,43	1,25	

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	2,39	1,48	kW
Declared COP	COP_C	3,05	1,51	

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	2,11	1,44	kW
Declared COP	COP_D	3,87	1,78	

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	2,93	1,44	kW
Declared COP	COP_E	1,63	0,85	

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: LH64E/2DES-3Y

Refrigerant: R455A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	13642	8650	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,53	1,32	

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	3,01	1,54	kW
Rated COP	COP_A	1,87	1,00	

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	2,89	1,56	kW
Declared COP	COP_B	2,18	1,16	

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	2,66	1,56	kW
Declared COP	COP_C	2,72	1,41	

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	2,39	1,52	kW
Declared COP	COP_D	3,43	1,69	

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-3Y

Refrigerant: R507A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	14435	10434	kWh/a
Seasonal Energy Performance Ratio	SEPR	3,08	1,77	

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

Rated cooling capacity	P _A	7,24	2,48	kW
Rated power input	D _A	3,29	1,90	kW
Rated COP	COP_A	2,20	1,31	

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

Declared cooling capacity	P _B	8,12	2,83	kW
Declared power input	D _B	3,12	1,87	kW
Declared COP	COP_B	2,60	1,51	

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

Declared cooling capacity	P _C	9,32	3,31	kW
Declared power input	D _C	2,82	1,79	kW
Declared COP	COP_C	3,30	1,85	

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

Declared cooling capacity	P _D	10,45	3,77	kW
Declared power input	D _D	2,47	1,66	kW
Declared COP	COP_D	4,24	2,27	

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

Declared cooling capacity	P _E	5,81	1,88	kW
Declared power input	D _E	3,49	1,88	kW
Declared COP	COP_E	1,67	1,00	

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: LH64E/2DES-3Y

Refrigerant: R448A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	13659	9115	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,93	1,50	

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

Rated cooling capacity	P _A	6,50	1,83	kW
Rated power input	D _A	3,06	1,61	kW
Rated COP	COP_A	2,13	1,14	

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

Declared cooling capacity	P _B	7,19	2,12	kW
Declared power input	D _B	2,89	1,61	kW
Declared COP	COP_B	2,48	1,31	

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	2,62	1,59	kW
Declared COP	COP_C	3,12	1,59	

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	2,29	1,53	kW
Declared COP	COP_D	3,98	1,90	

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	3,25	1,56	kW
Declared COP	COP_E	1,67	0,89	

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: LH64E/2DES-3Y

Refrigerant: R449A

Item	Symbol*	Value		Unit
Evaporating temperature	t	-10	-35	°C
Annual electricity consumption	Q	13640	9110	kWh/a
Seasonal Energy Performance Ratio	SEPR	2,92	1,50	

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	3,06	1,61	kW
Rated COP	COP_A	2,12	1,14	

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

Declared cooling capacity	P _B	7,16	2,12	kW
Declared power input	D _B	2,89	1,61	kW
Declared COP	COP_B	2,47	1,31	

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

Declared cooling capacity	P _C	8,14	2,52	kW
Declared power input	D _C	2,62	1,59	kW
Declared COP	COP_C	3,11	1,59	

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

Declared cooling capacity	P _D	9,11	2,90	kW
Declared power input	D _D	2,29	1,53	kW
Declared COP	COP_D	3,97	1,90	

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

Declared cooling capacity	P _E	5,40	1,39	kW
Declared power input	D _E	3,25	1,56	kW
Declared COP	COP_E	1,66	0,89	

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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Performance Data Sheet according to EU Regulation 2015/1095

COP Declaration Model: LH64E/2DES-3Y

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	1,79		kW
Rated COP	COP_A	2,20		

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	1,70		kW
Declared COP	COP_B	2,54		

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	1,90		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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Performance Data Sheet according to EU Regulation 2015/1095

COP Declaration Model: LH64E/2DES-3Y

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	2,28		

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	2,65		

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	1,82		

Other items

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

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COP Declaration Model: LH64E/2DES-3Y

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	2,61		

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	2,11		kW
Declared COP	COP_E	1,77		

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](#)

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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-3Y

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	3,31		kW
Rated power input	D _A	1,54		kW
Rated COP	COP_A	2,15		

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	1,47		kW
Declared COP	COP_B	2,48		

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	1,64		kW
Declared COP	COP_E	1,72		

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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