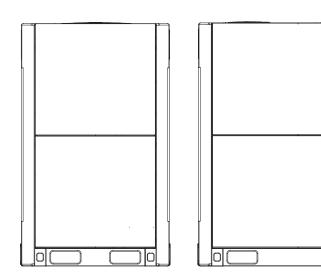
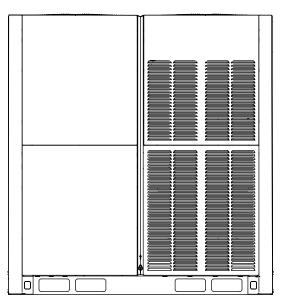


e-Lite dc inverter v6

Information Requirements





Model(s): LV-XSO252-I4M; Test matching indoor units form, Duct: 2×LV-DH56-2DC+2×LV-DH71-2DC;

Outdoor side heat exchanger of air conditioner:air

Indoor side heat exchanger of air conditioner:air

Type:compressor driven

If applicable: driver of compressor: electric motor

If applicable:driver of com	pressor:el	ectric motor					
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	P _{rated,c}	25.2	kW	Seasonal space cooling energy efficiency	η _{s,c}	223.8	%
Declared cooling capacit T_j and inc		oad at given ℃(dry/wet l		Declared energy efficiency ra energy factor for part loa			
Tj =+35 ℃	P _{dc}	25.2	kW	Tj=+35℃	EERd	3.48	
Tj =+30 ℃	P _{dc}	17.04	kW	Tj =+30 ℃	EER _d	4.68	
Tj =+25 ℃	P _{dc}	11.409	kW	Tj=+25℃	EERd	6.46	
T _j =+20℃	P _{dc}	6.786	kW	Tj =+20° ℃	EERd	11.41	
Degradation co-efficient	0	0.25					
for air conditioners(*)	C _{dc}	0.25	_				
		I	Power consumption in n	nodes other than "active mode"			
Off mode	P _{OFF}	0.064	kW	Crankcase heater mode	P _{CK}	0.064	kW
Thermosat-off mode	P _{TO}	0	kW	Standby mode	P _{SB}	0.064	kW
			0	her items			
Capacity control		varia	able	For air-to-air air conditioner:air flow rate,outdoor measured	_	10500	m³/h
Sound power level,outdoor	L _{WA}	78	dB				
GWP of the refrigerant		2088	kg CO _{2 eq} (100years)				
Contact details							
(*)If Cdc is not determined	by measu	rement then	the default degradation	coefficient of heat pumps shall be 0.25			



Model(s): LV-XSO252-I4	M;		•	•	•		
Test matching indoor uni	ts form, Du			DC;			
Outdoor side heat exchai			r				
Indoor side heat exchang							
Idication if the heater is e			entary heater:no				
If applicable:driver of con							
		-		for the warmer and colder heating seaso			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heating capacity	P _{rated,h}	25.2	kW	Seasonal space heating energy efficiency	η _{s,h}	134.6	%
Declared heating capac ດເ		oad at indoor eratures T _j	teperature 20 ℃ and	Declared coefficient of efficiency/auxiliary energy fa temp			
T _j =-7℃	P _{dh}	17.176	kW	Tj=-7℃	COPd	2.32	
T _j =+2℃	P _{dh}	11.706	kW	Tj=+2℃	COPd	3.45	
T _j =+7℃	P _{dh}	7.071	kW	Tj=+7℃	COPd	4.50	
T _j =+12℃	P _{dh}	4.381	kW	Tj=+12℃	COPd	5.15	
T _{biv} =bivalent temperature	P _{dh}	17.176	kW	T _{biv} =bivalent temperature	COPd	2.32	
T _{OL} =operation temperature	P _{dh}	19.313	kW	T _{OL} =operation temperature	COPd	1.89	
Bivalent temperature	T _{biv}	-7	Ĵ				
Degradation co-efficient for heat pumps(**)	C _{dh}	0.25	-				
Power consumption in me	odes other t	than "active r	node"	Suppler	mentary heater		
Off mode	P _{OFF}	0.064	kW	Back-up heating capacity(*)	elbu	0	kW
Thermosat-off mode	P _{TO}	0.064	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.124	kW	Standby mode	P _{SB}	0.064	kW
			Oth	ner items			
Capacity control		varia	ble	For air-to-air heat pump:air flow rate,outdoor measured	_	10500	m³/h
Sound power level,outdoor	L _{WA}	78	dB				
GWP of the refrigerant		2088	kg CO _{2 eq} (100years)				
Contact details							
(*)							
				coefficient of heat pumps shall be 0.25			



Model(s): LV-XSO280-I4M; Test matching indoor units form, Duct: 4×LV-DH71-2DC;

Outdoor side heat exchanger of air conditioner:air

Indoor side heat exchanger of air conditioner:air

Type:compressor driven

If applicable:driver of con	npressor:el	ectric motor						
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated cooling capacity	P _{rated,c}	28	kW		Seasonal space cooling energy efficiency	η _{s,c}	221.2	%
Declared cooling capaci T _j and in		oad at given ୯ (dry/wet l			Declared energy efficiency ra energy factor for part load			
Tj =+35 ℃	P _{dc}	28	kW		Tj=+35℃	EERd	3.26	
T _j =+30℃	P _{dc}	19.137	kW		Tj=+30℃	EER _d	4.50	
T _j =+25℃	P _{dc}	13.246	kW		Tj =+25 ℃	EER _d	6.40	
Tj=+20℃	P _{dc}	6.688	kW		Tj=+20℃	EER _d	11.41	
Degradation co-efficient for air conditioners(*)	C _{dc}	0.25	_					
		F	Power consumption in	modes ot	her than "active mode"		<u> </u>	
Off mode	P _{OFF}	0.064	kW		Crankcase heater mode	P _{CK}	0.064	kW
Thermosat-off mode	P _{TO}	0	kW		Standby mode	P _{SB}	0.064	kW
			C	Other item	IS			
Capacity control		varia	ble		For air-to-air air conditioner:air flow rate,outdoor measured	_	10500	m³/h
Sound power level,outdoor	L _{WA}	78	dB					
GWP of the refrigerant		2088	kg CO _{2 eq} (100years)					
Contact details								
(*)If C _{dc} is not determined	d by measu	rement then	the default degradation	n coefficie	ent of heat pumps shall be 0.25			



Test matching indoor u							
Outdoor side heat exchai	-		r				
Indoor side heat exchang							
Idication if the heater is e If applicable:driver of con			entary neater:no				
••	•		ating season parameters fo	r the warmer and colder heating seasor	ns are optional		
Item	Symbol	Value	Unit	Item		Value	Unit
item	Symbol	value	Unit		Symbol	value	Unit
Rated heating capacity	P _{rated,h}	28	kW	Seasonal space heating energy efficiency	η _{s,h}	134.6	%
Declared heating capac ou		oad at indooi eratures T _j	r teperature 20 ℃ and	Declared coefficient of efficiency/auxiliary energy fa temp			
Tj=-7℃	P _{dh}	17.176	kW	Tj=-7℃	COPd	2.32	
T _j =+2℃	P _{dh}	11.706	kW	Tj=+2℃	COPd	3.45	
T _j =+7℃	P _{dh}	7.071	kW	Tj=+7℃	COPd	4.50	
T _j =+12℃	P _{dh}	4.381	kW	Tj=+12℃	COPd	5.15	
T _{biv} =bivalent temperature	P _{dh}	17.176	kW	T _{biv} =bivalent temperature	COPd	2.32	
T _{OL} =operation temperature	P _{dh}	19.313	kW	T _{OL} =operation temperature	COPd	1.89	
Bivalent temperature	T _{biv}	-7	°C				
Degradation co-efficient for heat pumps(**)	C _{dh}	0.25	-				
Power consumption in me	odes other t	han "active i	node"	Supplen	nentary heater		
Off mode	P _{OFF}	0.064	kW	Back-up heating capacity(*)	elbu	0	kW
Thermosat-off mode	P _{TO}	0.064	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.124	kW	Standby mode	P _{SB}	0.064	kW
			Othe	ritems			
Capacity control		varia	able	For air-to-air heat pump:air flow rate,outdoor measured	—	10500	m³/h
Sound power level,outdoor	L _{WA}	78	dB				
GWP of the refrigerant		2088	kg CO _{2 eq} (100years)				
Contact details				· · · · · ·			
(*)							
(**)If C _{dh} is not determine							



Model(s): LV-XSO335-I4M;

Test matching indoor units form, Duct: 6×LV-DH56-2DC;

Outdoor side heat exchanger of air conditioner:air

Indoor side heat exchanger of air conditioner:air

Type:compressor driven

If applicable:driver of compressor:electric motor

ii applicable:driver of corr	ipressor.er	ectric motor						
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated cooling capacity	P _{rated,c}	33.5	kW		Seasonal space cooling energy efficiency	η _{s,c}	204.7	%
Declared cooling capacit T _j and inc		oad at given ℃(dry/wet b			Declared energy efficiency ra energy factor for part load			
T _j =+35℃	P _{dc}	33.5	kW		Tj=+35℃	EERd	2.57	
Tj =+30 ℃	P _{dc}	23.276	kW		Tj=+30℃	EER _d	4.17	
T _j =+25℃	P _{dc}	15.186	kW		Tj =+25 ℃	EER _d	6.65	
Tj =+20 ℃	P _{dc}	8.719	kW		Tj=+20℃	EER _d	8.62	
Degradation co-efficient for air conditioners(*)	C _{dc}	0.25	_					
		F	Power consumption in	modes of	ther than "active mode"			
Off mode	P _{OFF}	0.064	kW		Crankcase heater mode	P _{CK}	0.064	kW
Thermosat-off mode	P _{TO}	0	kW		Standby mode	P _{SB}	0.064	kW
			C	ther item	-			
Capacity control		varia	ble		For air-to-air air conditioner:air flow rate.outdoor measured	—	11000	m³/h
Sound power level,outdoor	L _{WA}	81	dB					
GWP of the refrigerant		2088	kg CO _{2 eq} (100years)					
Contact details]				1	
(*)If Cdc is not determined	l by measu	rement then	the default degradation	n coefficie	ent of heat pumps shall be 0.25			



Bivalent temperature

Degradation co-efficient

for heat pumps(**)

Off mode

Information requirements for heat pumps

Model(s): LV-XSO335-I4M; Test matching indoor units form, Duct: 6×LV-DH56-2DC;

Outdoor side heat exchanger of air conditioner:air

Indoor side heat exchang	ger of air co	nditioner:air							
Idication if the heater is e	equipped wi	th a suppleme	entary heater:no						
If applicable:driver of cor	npressor:ele	ectric motor							
Parameters shall be decl	ared for the	average hea	ting season,parameter	rs for the v	warmer and colder heating sease	oms are optional			
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit	
Rated heating capacity	P _{rated,h}	33.5	kW		Seasonal space heating energy efficiency	η _{s,h}	133.4	%	
Declared heating capac o	, ,	oad at indoor peratures T _j	teperature 20℃ and		Declared coefficient o efficiency/auxiliary energy tem				
T _j =-7℃	P _{dh}	17.346	kW	Tj=-7°C COPd 2.44					
Tj=+2℃	P _{dh}	10.544	kW		Tj=+2℃	COPd	3.24		
Tj=+7℃	P _{dh}	7.080	kW		Tj=+7℃	COPd	4.49		
T _j =+12℃	P _{dh}	5.589	kW		Tj=+12℃	COPd	4.99		
T _{biv} =bivalent temperature	P _{dh}	17.346	kW		T _{biv} =bivalent temperature	COPd	2.44		
T _{oL} =operation temperature	P _{dh}	19.730	kW		T _{OL} =operation temperature	COPd	2.34		
							1		

Thermosat-off mode	P _{TO}	0.064	kW	Type of energy input					
Crankcase heater mode	P _{CK}	0.124	kW	Standby mode	P _{SB}	0.064	kW		
	Other items								
Capacity control		varia	ble	For air-to-air heat pump:air flow rate,outdoor measured		11000	m³/h		
Sound power level,outdoor	L _{WA}	81	dB						
GWP of the refrigerant		2088	kg CO _{2 eq} (100years)						
Contact details									
(*)									

Supplementary heater

elbu

Back-up heating capacity(*)

0

kW

 $(^{**})$ If C_{dh} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25

-7

0.25

0.064

°C

_

kW

T_{biv}

 C_{dh}

POFF

Power consumption in modes other than "active mode"



Model(s): LV-XSO400-I4M; Test matching indoor units form, Duct: 2×LV-DH56-2DC+4×LV-DH71-2DC;

Outdoor side heat exchanger of air conditioner:air

Indoor side heat exchanger of air conditioner:air

Type:compressor driven

If applicable:driver of compressor:electric motor

Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated cooling capacity	P _{rated,c}	40	kW		Seasonal space cooling energy efficiency	$\eta_{\text{S},\text{C}}$	197.8	%
Declared cooling capacit T _j and inc		oad at given C(dry/wet b			Declared energy efficiency rat energy factor for part load			
Tj=+35℃	P _{dc}	40	kW		Tj=+35℃	EERd	2.65	
Tj =+30 ℃	P _{dc}	29.504	kW		Tj=+30℃	EERd	4.11	
T _j =+25℃	P _{dc}	18.187	kW		Tj=+25℃	EERd	5.86	
Tj=+20℃	P _{dc}	9.939	kW		Tj=+20℃	EER _d	8.72	
Degradation co-efficient for air conditioners(*)	C _{dc}	0.25	_					
		F	Power consumption in n	nodes ot	her than "active mode"			
Off mode	P _{OFF}	0.064	kW		Crankcase heater mode	P _{CK}	0.064	kW
Thermosat-off mode	P _{TO}	0	kW		Standby mode	P _{SB}	0.064	kW
			O	ther item	S			
Capacity control		varia	ble		For air-to-air air conditioner:air flow rate,outdoor measured	_	13000	m³/h
Sound power level,outdoor	L _{WA}	85	dB					
GWP of the refrigerant		2088	kg CO _{2 eq} (100years)					
Contact details			· ·					
(*)If Cdc is not determined	d by measu	rement then	the default degradation	coefficie	ent of heat pumps shall be 0.25			



Symbol

Item

Value

Unit

Information requirements for heat pumps

Model(s): LV-XSO400-I4M; Test matching indoor units form, Duct: 2×LV-DH56-2DC+4×LV-DH71-2DC; Outdoor side heat exchanger of air conditioner:air Indoor side heat exchanger of air conditioner:air Idication if the heater is equipped with a supplementary heater:no If applicable:driver of compressor:electric motor Parameters shall be declared for the average heating season, parameters for the warmer and colder heating seasoms are optional Item Symbol Value Unit

Rated heating capacity	P _{rated,h}	40	kW		Seasonal space heating energy efficiency	η _{s,h}	139.0	%
Declared heating capac ol		oad at indoor peratures T _j	teperature 20℃ and		Declared coefficient of efficiency/auxiliary energy t tem			
T _j =-7℃	P _{dh}	25.931	kW		Tj=-7℃	COPd	2.54	
T _j =+2℃	P _{dh}	15.791	kW		Tj=+2℃	COPd	3.36	
T _j =+7℃	P _{dh}	10.318	kW		Tj=+7℃	COPd	4.66	
T _j =+12℃	P _{dh}	9.548	kW		Tj=+12℃	COPd	5.49	
T _{biv} =bivalent temperature	P _{dh}	25.931	kW		T _{biv} =bivalent temperature	COPd	2.54	
T _{OL} =operation temperature	P _{dh}	29.325	kW		T _{OL} =operation temperature	COPd	2.14	
Bivalent temperature	T _{biv}	-7	°C					
Degradation co-efficient for heat pumps(**)	C _{dh}	0.25			Current			
Power consumption in me		than active n				mentary heater	1	
Off mode	POFF	0.064	kW		Back-up heating capacity(*)	elbu	0	kW
Thermosat-off mode	P _{TO}	0.064	kW		Type of energy input			
Crankcase heater mode	P _{CK}	0.124	kW		Standby mode	P _{SB}	0.064	kW
			C	ther item	S			
Capacity control		varia	ble		For air-to-air heat pump:air flow rate,outdoor measured	_	13000	m³/h
Sound power level,outdoor	L _{WA}	85	dB					
GWP of the refrigerant		2088	kg CO _{2 eq} (100years)					
Contact details								
(*)	1							
					nt of heat pumps shall be 0.25			

)If C_{dh} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25



Model(s): LV-XSO450-I4M; Test matching indoor units form, Duct: 4×LV-DH71-2DC+2×LV-DH80-2DC;

Outdoor side heat exchanger of air conditioner:air

Indoor side heat exchanger of air conditioner:air

Type:compressor driven

If applicable:driver of compressor:electric motor

Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated cooling capacity	P _{rated,c}	45	kW		Seasonal space cooling energy efficiency	η _{s,c}	193.4	%
Declared cooling capacit T _j and inc		oad at given ୯ (dry/wet t			Declared energy efficiency rat energy factor for part load			
T _j =+35℃	P _{dc}	45	kW		Tj =+35 ℃	EERd	2.40	
T _j =+30℃	P _{dc}	31.412	kW		Tj =+30 ℃	EERd	3.79	
T _j =+25℃	P _{dc}	20.145	kW		Tj =+25 ℃	EERd	5.83	
Tj =+20 ℃	P _{dc}	9.939	kW		Tj =+20 ℃	EERd	8.72	
Degradation co-efficient for air conditioners(*)	C _{dc}	0.25	_					
		F	Power consumption in r	nodes ot	her than "active mode"			
Off mode	P _{OFF}	0.064	kW		Crankcase heater mode	P _{CK}	0.064	kW
Thermosat-off mode	P _{TO}	0	kW		Standby mode	P _{SB}	0.064	kW
			0	ther item	s			
Capacity control		varia	ble		For air-to-air air conditioner:air flow rate,outdoor measured	_	13000	m³/h
Sound power level,outdoor	L _{WA}	88	dB					
GWP of the refrigerant		2088	kg CO _{2 eq} (100years)					
Contact details								
(*)If Cdc is not determined	l by measu	rement then	the default degradation	o coefficie	ent of heat pumps shall be 0.25			



Model(s): LV-XSO450-I4M; Test matching indoor units form, Duct: 4×LV-DH71-2DC+2×LV-DH80-2DC; Outdoor side heat exchanger of air conditioner:air Indoor side heat exchanger of air conditioner:air Idication if the heater is equipped with a supplementary heater:no If applicable:driver of compressor:electric motor

If applicable:driver of con Parameters shall be decli	-		iting season parameter	s for the v	varmer and colder heating seaso	oms are optional		
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated heating capacity	P _{rated,h}	45	kW		Seasonal space heating energy efficiency	η _{s,h}	139.0	%
Declared heating capac ot		oad at indoor peratures T _j	teperature 20℃ and		Declared coefficient of efficiency/auxiliary energy tem			
T _j =-7℃	P _{dh}	25.931	kW		Tj=-7℃	COPd	2.54	
T _j =+2℃	P _{dh}	15.791	kW		Tj=+2℃	COPd	3.36	
T _j =+7℃	P _{dh}	10.318	kW		Tj=+7℃	COPd	4.66	
T _j =+12℃	P _{dh}	9.548	kW		Tj=+12℃	COPd	5.49	
T _{biv} =bivalent temperature	P _{dh}	25.931	kW		T _{biv} =bivalent temperature	COPd	2.54	
T _{OL} =operation temperature	P _{dh}	29.325	kW		T _{OL} =operation temperature	COPd	2.14	
Bivalent temperature	T _{biv}	-7	°					
Degradation co-efficient for heat pumps(**)	C _{dh}	0.25	_					
Power consumption in me	odes other	than "active r	node"		Supple	mentary heater		
Off mode	P _{OFF}	0.064	kW		Back-up heating capacity(*)	elbu	0	kW
Thermosat-off mode	P _{TO}	0.064	kW		Type of energy input			
Crankcase heater mode	P _{CK}	0.124	kW		Standby mode	P _{SB}	0.064	kW
			0	Other items	3			
Capacity control		varia	ble		For air-to-air heat pump:air flow rate,outdoor measured	_	13000	m³/h
Sound power level,outdoor	L _{WA}	88	dB					
GWP of the refrigerant		2088	kg CO _{2 eq} (100years)					
Contact details								
(*)								
	al las como a				nt of heat pumps shall be 0.25			



Model(s): LV-XSO500-I4M; Test matching indoor units form, Duct: 4×LV-DH56-2DC+4×LV-DH71-2DC;

Outdoor side heat exchanger of air conditioner:air

Indoor side heat exchanger of air conditioner:air

Type:compressor driven

If applicable:driver of compressor:electric motor

If applicable:driver of cor	npressor:e	lectric motor						
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated cooling capacity	P _{rated,c}	50	kW		Seasonal space cooling energy efficiency	η _{s,c}	200.6	%
Declared cooling capaci T _j and in		oad at given ℃(dry/wet b			Declared energy efficiency ra energy factor for part load			
Tj =+35 ℃	P _{dc}	50	kW		Tj=+35℃	EERd	2.55	
Tj =+30 ℃	P _{dc}	36.091	kW		Tj=+30℃	EERd	3.86	
Tj =+25 ℃	P _{dc}	22.777	kW		Tj=+25℃	EER _d	5.89	
Tj=+20℃	P _{dc}	10.928	kW		Tj=+20℃	EERd	9.40	
Degradation co-efficient for air conditioners(*)	C _{dc}	0.25	_					
		F	Power consumption in	modes of	ther than "active mode"			
Off mode	P _{OFF}	0.064	kW		Crankcase heater mode	P _{CK}	0.064	kW
Thermosat-off mode	P _{TO}	0	kW		Standby mode	P _{SB}	0.064	kW
	-		C	Other item				
Capacity control		varia	ble		For air-to-air air conditioner:air flow rate,outdoor measured	_	16000	m³/h
Sound power level,outdoor	L _{WA}	88	dB					
GWP of the refrigerant		2088	kg CO _{2 eq} (100years)					
Contact details		1			1			
(*)If C _{dc} is not determined	d by measu	rement then	the default degradatio	n coeffici	ent of heat pumps shall be 0.25			



Model(s): LV-XSO500-I4M;

Model(s): LV-XSO500-I4				、			
Outdoor side heat exchar			H56-2DC+4×LV-DH71-2DC r	,			
Indoor side heat exchang	-						
Idication if the heater is e	-		entary heater no				
If applicable:driver of com			shary heater no				
			ating season.parameters for	the warmer and colder heating seasor	ms are optional		
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heating capacity	P _{rated,h}	50	kW	Seasonal space heating energy efficiency	η _{s,h}	134.2	%
Declared heating capaci ou		oad at indoor peratures T _j	teperature 20℃ and	Declared coefficient of efficiency/auxiliary energy fa temp			
T _j =-7℃	P _{dh}	27.878	kW	Tj=-7℃	COPd	2.46	
Tj=+2℃	P _{dh}	18.272	kW	Tj=+2℃	COPd	3.18	
Tj=+7℃	P _{dh}	11.923	kW	Tj=+7℃	COPd	4.64	
T _j =+12℃	P _{dh}	9.535	kW	Tj=+12℃	COPd	5.43	
T _{biv} =bivalent temperature	P _{dh}	27.878	kW	T _{biv} =bivalent temperature	COPd	2.46	
T _{OL} =operation temperature	P _{dh}	31.575	kW	T _{OL} =operation temperature	COPd	1.95	
Bivalent temperature	T _{biv}	-7	ා ි				
Degradation co-efficient for heat pumps(**)	C _{dh}	0.25	_				
Power consumption in mo	odes other f	than "active n	node"	Supplen	nentary heater		
Off mode	P _{OFF}	0.064	kW	Back-up heating capacity(*)	elbu	0	kW
Thermosat-off mode	P _{TO}	0.064	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.124	kW	Standby mode	P _{SB}	0.064	kW
			Other	items			
Capacity control	[varia	ıble	For air-to-air heat pump:air flow rate,outdoor measured		16000	m³/h
Sound power level,outdoor	L _{WA}	88	dB				
GWP of the refrigerant		2088	kg CO _{2 eq} (100years)				
Contact details							
(*)							

(*)

 $(^{**})$ If C_{dh} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25



Model(s): LV-XSO560-I4M; Test matching indoor units form, Duct: 8×LV-DH71-2DC;

Outdoor side heat exchanger of air conditioner:air

Indoor side heat exchanger of air conditioner:air

Type:compressor driven

If applicable driver of compressor electric motor

Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
item	Symbol	value	Unit			Symbol	value	Unit
Rated cooling capacity	P _{rated,c}	56	kW		Seasonal space cooling energy efficiency	$\eta_{s,c}$	199.4	%
Declared cooling capaci T _j and in		oad at given ℃(dry/wet b			Declared energy efficiency rat energy factor for part load			
Tj=+35℃	P _{dc}	56	kW		Tj=+35℃	EERd	3.10	
Tj =+30 ℃	P _{dc}	39.039	kW		Tj=+30℃	EERd	3.95	
Tj =+25 ℃	P _{dc}	24.261	kW		Tj=+25℃	EERd	5.65	
Tj =+20 ℃	P _{dc}	11.429	kW		Tj=+20℃	EERd	8.15	
Degradation co-efficient for air conditioners(*)	C _{dc}	0.25	_					
		F	Power consumption in r	modes ot	her than "active mode"		11	
Off mode	P _{OFF}	0.064	kW		Crankcase heater mode	P _{CK}	0.064	kW
Thermosat-off mode	P _{TO}	0	kW		Standby mode	P _{SB}	0.064	kW
			0	ther item	IS			
Capacity control		varia	ble		For air-to-air air conditioner:air flow rate,outdoor measured	_	17000	m³/h
Sound power level,outdoor	L _{WA}	88	dB					
GWP of the refrigerant		2088	kg CO _{2 eq} (100years)					
Contact details			1 1		1 1		1 1	
(*)If Cdc is not determined	by measu	rement then	the default degradation	n coefficie	ent of heat pumps shall be 0.25			



Model(s): LV-XSO560-I4M; Test matching indoor units form, Duct: 8×LV-DH71-2DC; Outdoor side heat exchanger of air conditioner:air Indoor side heat exchanger of air conditioner:air Idication if the heater is equipped with a supplementary heater:no If applicable:driver of compressor:electric motor Parameters shall be declared for the average heating season, parameters for the warmer and colder heating seasoms are optional Item Symbol Value Unit Item Symbol Value Unit Seasonal space heating Rated heating capacity P_{rated,h} kW % η_{s,h} 56 133.0 energy efficiency Declared coefficient of performance or gas utilisation Declared heating capacity for part load at indoor teperature 20℃ and efficiency/auxiliary energy factor for part load at given outdoor outdoor temperatures T_i temperatures T_i T_i=-7℃ kW COPd Ti=-7℃ P_{dh} ---29.294 2.06 T_i=+2℃ kW T_i=+2℃ P_{dh} COPd ---18.293 3.29 T_j=+7℃ P_{dh} kW T_i=+7℃ COPd ---11.917 4.80 T_j=+12℃ kW T_i=+12℃ P_{dh} ---COPd 10.498 5.61 T_{biv}=bivalent kW P_{dh} T_{biv} =bivalent temperature COPd ---29.294 2.06 temperature T_{OL}=operation COPd P_{dh} kW T_{OL} =operation temperature ---33.107 1.64 temperature Bivalent temperature T_{biv} °C -7 Degradation co-efficient C_{dh} _ 0.25 for heat pumps(**) Power consumption in modes other than "active mode" Supplementary heater Off mode POFF kW Back-up heating capacity(*) elbu kW 0.064 0 P_{TO} Thermosat-off mode kW Type of energy input 0.064 Crankcase heater mode Рск kW Standby mode P_{SB} kW 0.124 0.064 Other items For air-to-air heat pump:air variable Capacity control _ m³/h 17000 flow rate,outdoor measured Sound power $\mathsf{L}_{\mathsf{W}\mathsf{A}}$ dB 88 level,outdoor GWP of the refrigerant kg CO_{2 eq}(100years) 2088 Contact details (*) (**)If C_{dh} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25



Model(s): LV-XSO615-I4M; Test matching indoor units form, Duct: 4×LV-DH71-2DC+4×LV-DH80-2DC;

Outdoor side heat exchanger of air conditioner:air

Indoor side heat exchanger of air conditioner:air

Type:compressor driven

If applicable:driver of compressor:electric motor

If applicable:driver of con	ipressor.en	ectric motor						
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated cooling capacity	P _{rated,c}	61.5	kW		Seasonal space cooling energy efficiency	η _{s,c}	198.2	%
Declared cooling capacit T _j and inc		oad at given o ℃(dry/wet b	•		Declared energy efficiency ra energy factor for part load			
Tj=+35℃	P _{dc}	61.5	kW		Tj=+35℃	EERd	2.79	
Tj=+30℃	P _{dc}	43.022	kW		Tj =+30 ℃	EER _d	3.86	
T _j =+25℃	P _{dc}	27.726	kW		Tj=+25℃	EERd	6.0	
T _j =+20℃	P _{dc}	12.137	kW		Tj=+20℃	EER _d	7.65	
Degradation co-efficient for air conditioners(*)	C _{dc}	0.25	_					
		F	Power consumption in	modes of	ther than "active mode"			
Off mode	P _{OFF}	0.064	kW		Crankcase heater mode	Рск	0.064	kW
Thermosat-off mode	P _{TO}	0	kW		Standby mode	P _{SB}	0.064	kW
			C	other item	IS			
Capacity control		varia	ble		For air-to-air air conditioner:air flow rate,outdoor measured	_	17000	m³/h
Sound power level,outdoor	L _{WA}	88	dB					
GWP of the refrigerant		2088	kg CO _{2 eq} (100years)					
Contact details			1					
(*)If C _{dc} is not determined	l by measu	rement then	the default degradation	n coeffici	ent of heat pumps shall be 0.25			



Model(s): LV-XSO615-I4M;

Test matching indoor units form, Duct: 4×LV-DH71-2DC+4×LV-DH80-2DC;

Outdoor side heat exchanger of air conditioner:air

Indoor side heat exchanger of air conditioner:air

Idication if the heater is equipped with a supplementary heater:no

If applicable:driver of compressor:electric motor

Parameters shall be declared for the average heating season, parameters for the warmer and colder heating seasoms are optional

r arameters shall be deci	1	e average nea						
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated heating capacity	P _{rated,h}	61.5	kW		Seasonal space heating energy efficiency	η _{s,h}	133.0	%
Declared heating capac or		load at indoor peratures T _j	teperature 20℃ and		Declared coefficient of efficiency/auxiliary energy tem			
Tj=−7℃	P _{dh}	29.294	kW		Tj=-7℃	COPd	2.06	
T _j =+2℃	P _{dh}	18.293	kW		Tj=+2℃	COPd	3.29	
T _j =+7℃	P _{dh}	11.917	kW		Tj=+7℃	COPd	4.80	
T _j =+12℃	P _{dh}	10.498	kW		Tj=+12℃	COPd	5.61	
T _{biv} =bivalent temperature	P _{dh}	29.294	kW		T _{biv} =bivalent temperature	COPd	2.06	
T _{oL} =operation temperature	P _{dh}	33.107	kW		T _{OL} =operation temperature	COPd	1.64	
Bivalent temperature	T _{biv}	-7	°C					
Degradation co-efficient for heat pumps(**)	C _{dh}	0.25	_					
Power consumption in m	odes other	than "active n	node"		Supple	mentary heater		
Off mode	P _{OFF}	0.064	kW		Back-up heating capacity(*)	elbu	0	kW
Thermosat-off mode	P _{TO}	0.064	kW		Type of energy input			
Crankcase heater mode	Р _{СК}	0.124	kW		Standby mode	P _{SB}	0.064	kW
	•		C	ther item	s			
Capacity control		varia	ble		For air-to-air heat pump:air flow rate,outdoor measured	_	17000	m³/h
Sound power level,outdoor	L _{WA}	88	dB					
GWP of the refrigerant		2088	kg CO _{2 eq} (100years)					
Contact details								
(*)								
(**)If C _{dh} is not determine	d by measu	urement then	the default degradatior	n coefficie	nt of heat pumps shall be 0.25			
	-							



Model(s): LV-XSO670-I4M; Test matching indoor units form, Duct: 4×LV-DH80-2DC+4×LV-DH90-2DC;

Outdoor side heat exchanger of air conditioner:air

Indoor side heat exchanger of air conditioner:air

Type:compressor driven

If applicable:driver of compressor:electric motor

If applicable:driver of cor	npressor:e	lectric motor						
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated cooling capacity	P _{rated,c}	67	kW		Seasonal space cooling energy efficiency	η _{s,c}	207	%
Declared cooling capaci T _j and in		oad at given ℃(dry/wet b			Declared energy efficiency ra energy factor for part load			
Tj =+35 ℃	P _{dc}	67	kW		T _j =+35℃	EERd	2.41	
Tj =+30 ℃	P _{dc}	44.6	kW		Tj=+30℃	EERd	3.83	
T _j =+25℃	P _{dc}	30.31	kW		Tj=+25℃	EER _d	6.52	
Tj=+20℃	P _{dc}	12.94	kW		Tj=+20℃	EERd	9.57	
Degradation co-efficient for air conditioners(*)	C _{dc}	0.25	_					
	•	F	Power consumption in	modes of	ther than "active mode"			
Off mode	P _{OFF}	0.085	kW		Crankcase heater mode	P _{CK}	0.085	kW
Thermosat-off mode	P _{TO}	0	kW		Standby mode	P _{SB}	0.085	kW
			C	Other item	าร			
Capacity control		varia	ble		For air-to-air air conditioner:air flow rate,outdoor measured	—	24500	m³/h
Sound power level,outdoor	L _{WA}	89	dB					
GWP of the refrigerant		2088	kg CO _{2 eq} (100years)					
Contact details	1	1	1		1	1	1	
(*)If C _{dc} is not determined	d by measu	rement then	the default degradation	n coeffici	ent of heat pumps shall be 0.25			



Model(s): LV-XSO670-I4M; Test matching indoor units form, E

Test matching indoor u	nits form, E	Duct: 4×LV-E	0H80-2DC+4×LV-DH90-	2DC;			
Outdoor side heat exchar	nger of air o	conditioner:air					
Indoor side heat exchang	jer of air co	nditioner:air					
Idication if the heater is e	quipped wi	th a suppleme	entary heater:no				
If applicable:driver of con	npressor:ele	ectric motor					
Parameters shall be decla	ared for the	average hea	ting season,parameters	for the warmer and colder heating seaso	ms are optional		
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heating capacity	P _{rated,h}	67	kW	Seasonal space heating energy efficiency	η _{s,h}	133.0	%
Declared heating capac or		oad at indoor peratures T _j	teperature 20℃ and	Declared coefficient of efficiency/auxiliary energy f tem			
Tj=-7℃	P _{dh}	40.63	kW	Tj=-7℃	COPd	2.31	
Tj=+2℃	P _{dh}	25.21	kW	Tj=+2℃	COPd	3.14	
T _j =+7℃	P _{dh}	16.21	kW	Tj=+7℃	COPd	4.83	
T _j =+12℃	P _{dh}	9.21	kW	T _j =+12℃	COPd	5.05	
T _{biv} =bivalent temperature	P _{dh}	43.25	kW	T _{biv} =bivalent temperature	COPd	1.90	
T _{oL} =operation temperature	P _{dh}	43.25	kW	T _{OL} =operation temperature	COPd	1.90	
Bivalent temperature	T _{biv}	-10	Ĵ				
Degradation co-efficient for heat pumps(**)	C _{dh}	0.25	_				
Power consumption in mo	odes other	than "active n	node"	Supple	mentary heater		
Off mode	P _{OFF}	0.085	kW	Back-up heating capacity(*)	elbu	0	kW
Thermosat-off mode	P _{TO}	0.085	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.085	kW	Standby mode	P _{SB}	0.085	kW
			Oth	er items			
Capacity control		varia	ble	For air-to-air heat pump:air flow rate,outdoor measured	_	24500	m³/h
Sound power level,outdoor	L _{WA}	89	dB				
GWP of the refrigerant		2088	kg CO _{2 eq} (100years)				
Contact details	<u> </u>						
(*)							
i de la constante de							

(**)If C_{dh} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25



Model(s): LV-XSO730-I4M; Test matching indoor units form, Duct: 8×LV-DH90-2DC;

Outdoor side heat exchanger of air conditioner:air

Indoor side heat exchanger of air conditioner:air

Type:compressor driven

If applicable driver of compressor electric motor

Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated cooling capacity	P _{rated,c}	73	kW		Seasonal space cooling energy efficiency	η _{s,c}	201.8	%
Declared cooling capaci T _j and in		bad at given C (dry/wet t			Declared energy efficiency rat energy factor for part load			
Tj =+35 ℃	P _{dc}	73	kW		Tj=+35℃	EERd	2.25	
Tj =+30 ℃	P _{dc}	48.88	kW		Tj=+30℃	EERd	4.40	
Tj =+25 ℃	P _{dc}	32.9	kW		Tj=+25℃	EERd	5.68	
Tj =+20 ℃	P _{dc}	14.13	kW		Tj=+20°℃	EERd	9.30	
Degradation co-efficient for air conditioners(*)	C _{dc}	0.25	-					
	1	F	Power consumption in r	modes ot	her than "active mode"		-	
Off mode	P _{OFF}	0.085	kW		Crankcase heater mode	P _{CK}	0.085	kW
Thermosat-off mode	P _{TO}	0	kW		Standby mode	P _{SB}	0.085	kW
			0	ther item	-			
Capacity control		varia	ble		For air-to-air air conditioner:air flow rate,outdoor measured	_	24500	m³/h
Sound power level,outdoor	L _{WA}	90	dB					
GWP of the refrigerant		2088	kg CO _{2 eq} (100years)					
Contact details	I		1					
(*)If Cdc is not determined	by measu	rement then	the default degradatior	n coefficie	ent of heat pumps shall be 0.25			



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Model(s): LV-XSO730-I4 Test matching indoor un		uct: 8×LV-C)H90-2DC;				
Outdoor side heat exchar							
Indoor side heat exchang							
Idication if the heater is e	quipped wit	th a suppleme	entary heater:no				
If applicable:driver of com	npressor:ele	ectric motor					
Parameters shall be decla	ared for the	average hea	ating season,parameters fo	or the warmer and colder heating seaso	oms are optional		
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heating capacity	P _{rated,h}	73	kW	Seasonal space heating energy efficiency	η _{s,h}	133.0	%
Declared heating capaci ou		load at indoor peratures T _j	teperature 20℃ and	Declared coefficient of efficiency/auxiliary energy f tem			
Tj=-7℃	P _{dh}	40.63	kW	Tj=-7℃	COPd	2.31	
T _j =+2°C	P _{dh}	25.21	kW	Tj=+2℃	COPd	3.14	
Tj=+7℃	P _{dh}	16.21	kW	Tj=+7℃	COPd	4.83	
T _j =+12℃	P _{dh}	9.21	kW	Tj=+12℃	COPd	5.05	
T _{biv} =bivalent temperature	P _{dh}	43.25	kW	T _{biv} =bivalent temperature	COPd	1.90	
T _{oL} =operation temperature	P _{dh}	43.25	kW	T _{OL} =operation temperature	COPd	1.90	
Bivalent temperature	T _{biv}	-10	°C			$\overline{ }$	
Degradation co-efficient for heat pumps(**)	C _{dh}	0.25					
Power consumption in mo	odes other f	than "active r	node"	Supple	ementary heater		
Off mode	P _{OFF}	0.085	kW	Back-up heating capacity(*)	elbu	0	kW
Thermosat-off mode	P _{TO}	0.085	kW	Type of energy input			
Crankcase heater mode	Рск	0.085	kW	Standby mode	P _{SB}	0.085	kW
	_	_	Othe	er items	_	_	_
Capacity control		varia	able	For air-to-air heat pump:air flow rate,outdoor measured	_	24500	m³/h
Sound power level,outdoor	L _{WA}	90	dB				
GWP of the refrigerant		2088	kg CO _{2 eq} (100years)				
Contact details							
(*)							
(**)If C _{dh} is not determine	d by measu	irement then	the default degradation co	efficient of heat pumps shall be 0.25			
Where information relates	s to multi-sr	plit heat pump	ps,the test result and perfo	rmance data may be obtained on the b	basis of performan	ce of the out	tdoor



Model(s): LV-XSO785-I4M; Test matching indoor units form, Duct: 8×LV-DH100-2DC;

Outdoor side heat exchanger of air conditioner:air

Indoor side heat exchanger of air conditioner:air

Type:compressor driven

If applicable:driver of compressor:electric motor

ii applicable driver of com	ipressor.en	ectric motor						
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated cooling capacity	P _{rated,c}	78.5	kW		Seasonal space cooling energy efficiency	η _{s,c}	196.6	%
Declared cooling capacity T _j and ind		oad at given C(dry/wet b			Declared energy efficiency ra energy factor for part load	tio or gas utilisatior d at given outdoor t	n efficiency emperature	/auxiliar <u>)</u> es T _j
Tj =+35 ℃	P _{dc}	78.5	kW		Tj=+35℃	EERd	2.10	
Tj =+30 ℃	P _{dc}	52.42	kW		Tj=+30℃	EER _d	4.33	
T _j =+25℃	P _{dc}	33.78	kW		Tj=+25℃	EERd	5.45	
Tj =+20 ℃	P _{dc}	15.44	kW		Tj=+20℃	EER _d	9.00	
Degradation co-efficient for air conditioners(*)	C _{dc}		_					
	1	F	Power consumption in	modes ot	her than "active mode"			
Off mode	P _{OFF}	0.085	kW		Crankcase heater mode	P _{CK}	0.085	kW
Thermosat-off mode	P _{TO}	0	kW		Standby mode	P _{SB}	0.085	kW
			C	other item	IS			
Capacity control		varia	ble		For air-to-air air conditioner:air flow rate,outdoor measured	_	25000	m³/h
Sound power level,outdoor	L _{WA}	90	dB					
GWP of the refrigerant		2088	kg CO _{2 eq} (100years)					
Contact details							• •	
(*)If Cdc is not determined	by measu	rement then	the default degradation	n coefficie	ent of heat pumps shall be 0.25			



Model(s): LV-XSO785-I4M; Test matching indoor units form, Duct: 8×LV-DH100-2DC; Outdoor side heat exchanger of air conditioner:air Indoor side heat exchanger of air conditioner:air Idication if the heater is equipped with a supplementary heater:no If applicable:driver of compressor:electric motor Parameters shall be declared for the average heating season, parameters for the warmer and colder heating seasoms are optional Item Symbol Value Unit Item Symbol Value Unit Seasonal space heating Rated heating capacity P_{rated,h} kW % η_{s.h} 78.5 133.0 energy efficiency Declared coefficient of performance or gas utilisation Declared heating capacity for part load at indoor teperature 20°C and efficiency/auxiliary energy factor for part load at given outdoor outdoor temperatures T_i temperatures T_i T_i=-7℃ kW Ti=-7℃ COPd P_{dh} ---40.63 2.31 T_i=+2℃ P_{dh} kW T_i=+2℃ COPd --25.21 3.14 T_i=+7℃ P_{dh} kW Ti=+7℃ COPd --16.21 4.83 T_i=+12℃ kW T_i=+12℃ P_{dh} --COPd 9.21 5.05 T_{biv}=bivalent kW COPd P_{dh} T_{biv} =bivalent temperature --43.25 1.90 temperature T_{OL}=operation COPd kW T_{OL} =operation temperature P_{dh} --43.25 1.90 temperature Bivalent temperature °C T_{biv} -10 Degradation co-efficient _ C_{dh} 0.25 for heat pumps(**) Power consumption in modes other than "active mode" Supplementary heater POFF Back-up heating capacity(*) Off mode kW elbu kW 0.085 0 Thermosat-off mode P_{TO} 0.085 kW Type of energy input Crankcase heater mode kW Standby mode kW PCK 0.085 P_{SB} 0.085 Other items For air-to-air heat pump:air variable Capacity control m³/h _ 25000 flow rate,outdoor measured Sound power L_{WA} dB 90 level,outdoor 2088 GWP of the refrigerant kg CO_{2 eq}(100years) Contact details (*) (**)If C_{dh} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25



Model(s): LV-XSO850-I4M; Test matching indoor units form, Duct: 4×LV-DH100-2DC+4×LV-DH112-2DC;

Outdoor side heat exchanger of air conditioner:air

Indoor side heat exchanger of air conditioner:air

Type:compressor driven

If applicable:driver of compressor:electric motor

ItemSymbolValueUnitRated cooling capacity $P_{rated,c}$ 85kWDeclared cooling capacity for part load at given outdoor temperatures T_j and indoor 27/19°C (dry/wet blb)	Item Seasonal space cooling energy efficiency Declared energy efficiency rate energy factor for part load $T_j=+35^{\circ}C$ $T_j=+30^{\circ}C$ $T_j=+25^{\circ}C$ $T_j=+20^{\circ}C$			
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor $27/19^{\circ}C$ (dry/wet bulb) T_j=+35^{\circ}C P_dc 85 kW T_j=+30^{\circ}C P_dc 56.76 kW T_j=+25^{\circ}C P_dc 36.41 kW T_j=+20^{\circ}C P_dc 16.4 kW Degradation co-efficient for air conditioners(*) C_{dc} 0.25 Power consumption in modes Off mode P_OFF 0.085 kW Other ite	energy efficiency Declared energy efficiency ra energy factor for part loa T _j =+35℃ T _j =+30℃ T _j =+25℃	tio or gas utilisatio d at given outdoor EER _d EER _d EER _d	n efficiency temperature 1.90 4.25	/auxiliary
Tj and indoor 27/19°C (dry/wet bulb) Tj=+35°C Pdc 85 kW Tj=+30°C Pdc 56.76 kW Tj=+20°C Pdc 36.41 kW Tj=+20°C Pdc 16.4 kW Degradation co-efficient for air conditioners(*) Cdc 0.25 — Power consumption in modes Off mode POFF 0.085 kW Other ite	energy factor for part loa Tj=+35℃ Tj=+30℃ Tj=+25℃	d at given outdoor EER _d EER _d EER _d	1.90 4.25	
Tj=+30°C Pdc 56.76 KW Tj=+25°C Pdc 36.41 KW Tj=+20°C Pdc 16.4 KW Degradation co-efficient for air conditioners(*) Cdc 0.25 - Power consumption in modes of the two standards of t	T _j =+30℃ T _j =+25℃	EER _d	4.25	
Tj=+25°C Pdc 36.41 KW Tj=+20°C Pdc 16.4 KW Tj=+20°C Pdc 16.4 KW Degradation co-efficient for air conditioners(*) Cdc 0.25 — Degradation co-efficient for air conditioners(*) Cdc 0.25 — Image: Consumption in modes Off mode POFF 0.085 KW Image: Consumption in modes Off mode POFF 0 KW Image: Consumption in modes Off mode POFF 0.085 KW Image: Consumption in modes Off mode POFF 0 KW Image: Consumption in modes Off mode POFF 0.085 KW Image: Consumption in modes Off mode POFF 0 KW Image: Consumption in modes Off mode POFF 0 KW Image: Consumption in modes	Tj=+25℃	EERd		
Tj=+20°C Pdc 16.4 kW Tj=+20°C Pdc 16.4 kW Degradation co-efficient for air conditioners(*) Cdc 0.25 - Degradation co-efficient for air conditioners(*) Cdc 0.25 - Off mode POFF 0.085 kW Thermosat-off mode PTO 0 kW	, 	-	6.35	
Jegradation co-efficient for air conditioners(*) C _{dc} 0.25 — Power consumption in modes Off mode P _{OFF} 0.085 kW Thermosat-off mode P _{TO} 0 kW	Tj =+20 ℃	EED.	1	
for air conditioners(*) Cdc 0.25 — Power consumption in modes Off mode POFF 0.085 kW Thermosat-off mode PTO 0 kW	-		8.95	
Off mode P _{OFF} 0.085 kW Thermosat-off mode P _{TO} 0 kW				
Thermosat-off mode P _{TO} 0 kW Other ite	ther than "active mode"			
Other ite	Crankcase heater mode	P _{CK}	0.085	kW
	Standby mode	P _{SB}	0.085	kW
Capacity control variable	IS			
	For air-to-air air conditioner:air flow rate,outdoor measured	_	24000	m³/h
Sound power LWA 90 dB				
GWP of the refrigerant 2088 kg CO _{2 eq} (100years)				
Contact details			1 1	-
(*)If C_{dc} is not determined by measurement then the default degradation coefficients (*)			I	



Model(s): LV-XSO850-I4M; Test matching indoor units form, Duct: 4×LV-DH100-2DC+4×LV-DH112-2DC;

•			H100-2DC+4×LV-DH1	2-2DC;			
Outdoor side heat exchar	nger of air o	conditioner:air	•				
Indoor side heat exchang	er of air co	nditioner:air					
Idication if the heater is e	quipped wit	th a suppleme	entary heater:no				
If applicable:driver of corr	npressor:ele	ectric motor					
Parameters shall be decla	ared for the	average hea	ting season,parameters	for the warmer and colder heating seaso	ms are optional		
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heating capacity	P _{rated,h}	85	kW	Seasonal space heating energy efficiency	η _{s,h}	133.8	%
Declared heating capaci ດເ		oad at indoor peratures T _j	teperature 20℃ and	Declared coefficient of efficiency/auxiliary energy fa temp			
T _j =-7℃	P _{dh}	39.85	kW	Tj=-7℃	COPd	2.32	
Tj=+2℃	P _{dh}	24.62	kW	Tj=+2℃	COPd	3.12	
Tj =+7℃	P _{dh}	16.84	kW	Tj=+7℃	COPd	5.00	
Tj =+12℃	P _{dh}	13.01	kW	Tj=+12℃	COPd	5.46	
T _{biv} =bivalent temperature	P _{dh}	45.19	kW	T _{biv} =bivalent temperature	COPd	1.85	
T _{OL} =operation temperature	P _{dh}	45.19	kW	T_{OL} =operation temperature	COPd	1.85	
Bivalent temperature	T _{biv}	-10	Ĵ				
Degradation co-efficient for heat pumps(**)	C _{dh}	0.25	_				
Power consumption in mo	odes other	than "active n	node"	Suppler	mentary heater		
Off mode	P _{OFF}	0.085	kW	Back-up heating capacity(*)	elbu	0	kW
Thermosat-off mode	P _{TO}	0.085	kW	Type of energy input		· · ·	
Crankcase heater mode	P _{CK}	0.085	kW	Standby mode	P _{SB}	0.085	kW
			Ot	her items			
Capacity control		varia	ble	For air-to-air heat pump:air flow rate,outdoor measured	_	24000	m³/h
Sound power level,outdoor	L _{WA}	90	dB				
GWP of the refrigerant		2088	kg CO _{2 eq} (100years)				
Contact details							
(*)							

 $(^{**})$ If C_{dh} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25



Model(s): LV-XSO900-I4M; Test matching indoor units form, Duct: 8×LV-DH112-2DC;

Outdoor side heat exchanger of air conditioner:air

Indoor side heat exchanger of air conditioner:air

Type:compressor driven

If applicable driver of compressor electric motor

			11.3			0 1 1		
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated cooling capacity	P _{rated,c}	90	kW		Seasonal space cooling energy efficiency	η _{s,c}	199.0	%
Declared cooling capacit T _j and inc		oad at given ℃(dry/wet l			Declared energy efficiency rat energy factor for part load			
Tj=+35℃	P _{dc}	90	kW		Tj =+35 ℃	EERd	1.88	
Tj =+30 ℃	P _{dc}	60.69	kW		Tj =+30 ℃	EERd	4.23	
Tj =+25 ℃	P _{dc}	38.72	kW		Tj =+25 ℃	EERd	5.82	
Tj =+20 ℃	P _{dc}	18.14	kW		Tj =+20 ℃	EER _d	9.20	
Degradation co-efficient for air conditioners(*)	C _{dc}	0.25	-					
		I	Power consumption in r	modes ot	her than "active mode"			
Off mode	P _{OFF}	0.085	kW		Crankcase heater mode	P _{CK}	0.085	kW
Thermosat-off mode	P _{TO}	0	kW		Standby mode	P _{SB}	0.085	kW
			0	ther item	s			
Capacity control		varia	able		For air-to-air air conditioner:air flow rate,outdoor measured	_	24000	m³/h
Sound power level,outdoor	L _{WA}	90	dB					
GWP of the refrigerant		2088	kg CO _{2 eq} (100years)					
Contact details	•		· · · · · ·				· · · · · ·	
(*)If Cdc is not determined	by measu	rement then	the default degradation	n coefficie	ent of heat pumps shall be 0.25			



Model(s): LV-XSO900-I4M; Test matching indoor units form, Duct: 8×LV-DH112-2DC; Outdoor side heat exchanger of air conditioner:air Indoor side heat exchanger of air conditioner:air Idication if the heater is equipped with a supplementary heater:no If applicable:driver of compressor:electric motor Parameters shall be declared for the average heating season, parameters for the warmer and colder heating seasoms are optional Item Symbol Value Unit Item Symbol Value Unit Seasonal space heating % Rated heating capacity P_{rated,h} kW η_{s,h} 90 133.8 energy efficiency Declared coefficient of performance or gas utilisation Declared heating capacity for part load at indoor teperature 20℃ and efficiency/auxiliary energy factor for part load at given outdoor outdoor temperatures T_i temperatures T_i T_i=-7℃ kW COPd Ti=-7℃ P_{dh} ---39.85 2.32 T_i=+2℃ kW T_i=+2℃ P_{dh} COPd ---24.62 3.12 P_{dh} T_j=+7℃ kW T_i=+7℃ COPd ---16.84 5.00 T_j=+12℃ kW Tj=+12℃ P_{dh} ---COPd 13.01 5.46 T_{biv}=bivalent kW P_{dh} T_{biv} =bivalent temperature COPd ---45.19 1.85 temperature T_{OL}=operation COPd P_{dh} kW T_{OL} =operation temperature ---45.19 1.85 temperature Bivalent temperature T_{biv} °C -10 Degradation co-efficient C_{dh} _ 0.25 for heat pumps(**) Power consumption in modes other than "active mode" Supplementary heater Off mode POFF 0.085 kW Back-up heating capacity(*) elbu 0 kW P_{TO} Thermosat-off mode 0.085 kW Type of energy input Crankcase heater mode Рск 0.085 kW Standby mode P_{SB} 0.085 kW Other items For air-to-air heat pump:air variable m³/h Capacity control _ 24000 flow rate,outdoor measured Sound power $\mathsf{L}_{\mathsf{W}\mathsf{A}}$ dB 90 level,outdoor 2088 GWP of the refrigerant kg CO_{2 eq}(100years) Contact details (*) (**)If C_{dh} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0.25



Thank you very much for purchasing our product. Before using your air conditioner, please read this manual carefully and keep it for future reference.

Due to LENNOX EMEA ongoing commitment to quality, the specifications, ratings and dimensions are subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury. Installation and service must be performed by a qualified installer and servicing agency.



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