

Product Fiche

Trademark	LAMBORGHINI CALORECLIMA					
Outdoor model	SMERALDO-C ODU S 12					
Indoor model	SMERALDO-C IDU DUCT 12					
Description		Symbol	Unit	Value		
Sound power level at standard rating conditions	indoor	<i>LWA</i>	[dB(A)]	52		
	outdoor			62		
Refrigerant type		-	-	R32		
GWP (1)		<i>GWP</i>	[kgCO ₂ eq.]	675		
SEER		<i>SEER</i>	-	6,5		
Energy efficiency class in cooling		-	-	A++		
Annual electricity consumption in cooling (2)		<i>QCE</i>	[kWh/a]	188		
Design load in cooling mode		<i>P_{designc}</i>	[kW]	3,5		
SCOP (average heating season)		<i>SCOP/A</i>	-	4,1		
Energy efficiency class in heating (average season)		-	-	A+		
Annual electricity consumption in heating (average season) (3)		<i>QHE</i>	[kWh/a]	922		
Warmer heating season		-	-	Y		
Colder heating season		-	-	N		
Design load in heating mode (average season)		<i>P_{designh}</i>	[kW]	2,7		
Declared capacity at reference design condition (heating average season)		-	[kW]	2,5		
Back up heating capacity at reference design condition (heating average season)		-	[kW]	0,17		
Rated current for cooling		-	[A]	4,8		
Rated current for heating		-	[A]	4,0		
Rated capacity for cooling (Rated - min - max)		<i>Prated cooling</i>	[kW]	3,5	0,5	3,9
Rated capacity for heating (Rated - min - max)		<i>Prated heating</i>	[kW]	3,4	1,0	4,5
Rated power input for cooling (Rated - min - max)		<i>PEER</i>	[kW]	1,2	0,2	1,5
Rated power input for heating (Rated - min - max)		<i>PCOP</i>	[kW]	0,9	0,3	1,4
Rated Energy efficiency ratio		<i>EER_{rated}</i>	-	3,23		
Rated Coefficient of performance		<i>COP_{rated}</i>	-	3,74		
Voltage - Frequency - Phase no.		-	[V-Hz-Ph]	220/240	50	1

(1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 675. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.

(2) Energy consumption 188 kWh per year based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

(3) Energy consumption 922 kWh per year based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

Contact details for obtaining more information

Ferrolì S.p.A. Via Ritonda 78/A 37047 San Bonifacio (VR) Italy

Product Fiche

Trademark	LAMBORGHINI CALORECLIMA					
Outdoor model	SMERALDO-C ODU S 24					
Indoor model	SMERALDO-C IDU DUCT 24					
Description		Symbol	Unit	Value		
Sound power level at standard rating conditions	indoor	<i>LWA</i>	[dB(A)]	56		
	outdoor			69		
Refrigerant type		-	-	R32		
GWP (1)		<i>GWP</i>	[kgCO ₂ eq.]	675		
SEER		<i>SEER</i>	-	6,6		
Energy efficiency class in cooling		-	-	A++		
Annual electricity consumption in cooling (2)		<i>QCE</i>	[kWh/a]	377		
Design load in cooling mode		<i>P_{designc}</i>	[kW]	7,1		
SCOP (average heating season)		<i>SCOP/A</i>	-	4,2		
Energy efficiency class in heating (average season)		-	-	A+		
Annual electricity consumption in heating (average season) (3)		<i>QHE</i>	[kWh/a]	1867		
Warmer heating season		-	-	Y		
Colder heating season		-	-	N		
Design load in heating mode (average season)		<i>P_{designh}</i>	[kW]	5,6		
Declared capacity at reference design condition (heating average season)		-	[kW]	5,3		
Back up heating capacity at reference design condition (heating average season)		-	[kW]	0,33		
Rated current for cooling		-	[A]	9,6		
Rated current for heating		-	[A]	9,0		
Rated capacity for cooling (Rated - min - max)		<i>Prated cooling</i>	[kW]	7,1	3,2	7,9
Rated capacity for heating (Rated - min - max)		<i>Prated heating</i>	[kW]	8,0	2,8	8,6
Rated power input for cooling (Rated - min - max)		<i>PEER</i>	[kW]	2,3	0,8	2,9
Rated power input for heating (Rated - min - max)		<i>PCOP</i>	[kW]	2,0	0,6	2,5
Rated Energy efficiency ratio		<i>EER_{rated}</i>	-	3,24		
Rated Coefficient of performance		<i>COP_{rated}</i>	-	4,00		
Voltage - Frequency - Phase no.		-	[V-Hz-Ph]	220/240	50	1

(1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 675. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.

(2) Energy consumption 377 kWh per year based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

(3) Energy consumption 1867 kWh per year based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

Contact details for obtaining more information

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Product Fiche

Trademark	LAMBORGHINI CALORECLIMA					
Outdoor model	SMERALDO-C ODU S 36					
Indoor model	SMERALDO-C IDU DUCT 36					
Description		Symbol	Unit	Value		
Sound power level at standard rating conditions	indoor	<i>LWA</i>	[dB(A)]	62		
	outdoor			70		
Refrigerant type		-	-	R32		
GWP (1)		<i>GWP</i>	[kgCO ₂ eq.]	675		
SEER		<i>SEER</i>	-	6,3		
Energy efficiency class in cooling		-	-	A++		
Annual electricity consumption in cooling (2)		<i>QCE</i>	[kWh/a]	583		
Design load in cooling mode		<i>P_{designc}</i>	[kW]	10,5		
SCOP (average heating season)		<i>SCOP/A</i>	-	4,1		
Energy efficiency class in heating (average season)		-	-	A+		
Annual electricity consumption in heating (average season) (3)		<i>QHE</i>	[kWh/a]	2868		
Warmer heating season		-	-	Y		
Colder heating season		-	-	N		
Design load in heating mode (average season)		<i>P_{designh}</i>	[kW]	8,4		
Declared capacity at reference design condition (heating average season)		-	[kW]	7,7		
Back up heating capacity at reference design condition (heating average season)		-	[kW]	0,74		
Rated current for cooling		-	[A]	13,6		
Rated current for heating		-	[A]	12,2		
Rated capacity for cooling (Rated - min - max)		<i>Prated cooling</i>	[kW]	9,8	2,8	11,7
Rated capacity for heating (Rated - min - max)		<i>Prated heating</i>	[kW]	10,3	2,8	12,6
Rated power input for cooling (Rated - min - max)		<i>PEER</i>	[kW]	3,0	0,9	4,3
Rated power input for heating (Rated - min - max)		<i>PCOP</i>	[kW]	2,8	0,8	4,0
Rated Energy efficiency ratio		<i>EER_{rated}</i>	-	3,23		
Rated Coefficient of performance		<i>COP_{rated}</i>	-	3,73		
Voltage - Frequency - Phase no.		-	[V-Hz-Ph]	220/240	50	1

(1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 675. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.

(2) Energy consumption 583 kWh per year based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

(3) Energy consumption 2868 kWh per year based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

Contact details for obtaining more information

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Product Fiche

Trademark	LAMBORGHINI CALORECLIMA					
Outdoor model	SMERALDO-C ODU S 36T					
Indoor model	SMERALDO-C IDU DUCT 36					
Description		Symbol	Unit	Value		
Sound power level at standard rating conditions	indoor	<i>LWA</i>	[dB(A)]	62		
	outdoor			70		
Refrigerant type		-	-	R32		
GWP (1)		<i>GWP</i>	[kgCO ₂ eq.]	675		
SEER		<i>SEER</i>	-	6,1		
Energy efficiency class in cooling		-	-	A++		
Annual electricity consumption in cooling (2)		<i>QCE</i>	[kWh/a]	608		
Design load in cooling mode		<i>P_{designc}</i>	[kW]	10,6		
SCOP (average heating season)		<i>SCOP/A</i>	-	4,0		
Energy efficiency class in heating (average season)		-	-	A+		
Annual electricity consumption in heating (average season) (3)		<i>QHE</i>	[kWh/a]	3080		
Warmer heating season		-	-	Y		
Colder heating season		-	-	N		
Design load in heating mode (average season)		<i>P_{designh}</i>	[kW]	8,8		
Declared capacity at reference design condition (heating average season)		-	[kW]	7,8		
Back up heating capacity at reference design condition (heating average season)		-	[kW]	1,03		
Rated current for cooling		-	[A]	4,4		
Rated current for heating		-	[A]	4,3		
Rated capacity for cooling (Rated - min - max)		<i>Prated cooling</i>	[kW]	9,2	2,7	11,7
Rated capacity for heating (Rated - min - max)		<i>Prated heating</i>	[kW]	10,1	2,8	12,8
Rated power input for cooling (Rated - min - max)		<i>PEER</i>	[kW]	2,8	0,9	4,2
Rated power input for heating (Rated - min - max)		<i>PCOP</i>	[kW]	2,7	0,8	4,0
Rated Energy efficiency ratio		<i>EERrated</i>	-	3,25		
Rated Coefficient of performance		<i>COPrated</i>	-	3,75		
Voltage - Frequency - Phase no.		-	[V-Hz-Ph]	220/240	50	1

(1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 675. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.

(2) Energy consumption 608 kWh per year based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

(3) Energy consumption 3080 kWh per year based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

Contact details for obtaining more information

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