

Product Fiche

Trademark	LAMBORGHINI CALORECLIMA					
Outdoor model	SMERALDO-C ODU S 12					
Indoor model	SMERALDO-C IDU CASSETTE 12					
Description	Symbol	Unit	Value			
Sound power level at standard rating conditions	<i>LWA</i>	[dB(A)]	55			
			62			
Refrigerant type	-	-	R32			
GWP (1)	<i>GWP</i>	[kgCO2 eq.]	675			
SEER	<i>SEER</i>	-	6,8			
Energy efficiency class in cooling	-	-	A++			
Annual electricity consumption in cooling (2)	<i>QCE</i>	[kWh/a]	184			
Design load in cooling mode	<i>Pdesignc</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>Pdesignh</i>	[kW]	2,7			
Declared capacity at reference design condition (heating average season)	-	[kW]	2,6			
Back up heating capacity at reference design condition (heating average season)	-	[kW]	0,06			
Rated current for cooling	-	[A]	4,5			
Rated current for heating	-	[A]	4,5			
Rated capacity for cooling (Rated - min - max)	<i>Prated cooling</i>	[kW]	3,5	0,9	4,2	
Rated capacity for heating (Rated - min - max)	<i>Prated heating</i>	[kW]	3,8	0,5	4,3	
Rated power input for cooling (Rated - min - max)	<i>PEER</i>	[kW]	1,0	0,2	1,5	
Rated power input for heating (Rated - min - max)	<i>PCOP</i>	[kW]	1,0	0,1	1,4	
Rated Energy efficiency ratio	<i>EERrated</i>	-	3,47			
Rated Coefficient of performance	<i>COPrated</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 184 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 18						
Indoor model	SMERALDO-C IDU CASSETTE 18						
Description	Symbol	Unit	Value				
Sound power level at standard rating conditions	<i>LWA</i>	[dB(A)]	59				
			65				
Refrigerant type	-	-	R32				
GWP (1)	<i>GWP</i>	[kgCO2 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]	285				
Design load in cooling mode	<i>Pdesignc</i>	[kW]	5,3				
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]	1431				
Warmer heating season	-	-	Y				
Colder heating season	-	-	N				
Design load in heating mode (average season)	<i>Pdesignh</i>	[kW]	4,2				
Declared capacity at reference design condition (heating average season)	-	[kW]	3,6				
Back up heating capacity at reference design condition (heating average season)	-	[kW]	0,59				
Rated current for cooling	-	[A]	6,9				
Rated current for heating	-	[A]	6,0				
Rated capacity for cooling (Rated - min - max)	<i>Prated cooling</i>	[kW]	5,3	2,9	5,6		
Rated capacity for heating (Rated - min - max)	<i>Prated heating</i>	[kW]	5,3	2,4	6,1		
Rated power input for cooling (Rated - min - max)	<i>PEER</i>	[kW]	1,6	0,7	2,0		
Rated power input for heating (Rated - min - max)	<i>PCOP</i>	[kW]	1,4	0,7	2,0		
Rated Energy efficiency ratio	<i>EERrated</i>	-	3,40				
Rated Coefficient of performance	<i>COPrated</i>	-	3,76				
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 285 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 1431 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 CASSETTE 24					
Description	Symbol	Unit	Value			
Sound power level at standard rating conditions	<i>LWA</i>	[dB(A)]	59			
			68			
Refrigerant type	-	-	R32			
GWP (1)	<i>GWP</i>	[kgCO2 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]	394			
Design load in cooling mode	<i>Pdesignc</i>	[kW]	7,1			
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]	2117			
Warmer heating season	-	-	Y			
Colder heating season	-	-	N			
Design load in heating mode (average season)	<i>Pdesignh</i>	[kW]	6,2			
Declared capacity at reference design condition (heating average season)	-	[kW]	5,3			
Back up heating capacity at reference design condition (heating average season)	-	[kW]	0,85			
Rated current for cooling	-	[A]	8,8			
Rated current for heating	-	[A]	8,5			
Rated capacity for cooling (Rated - min - max)	<i>Prated cooling</i>	[kW]	6,5	3,3	7,9	
Rated capacity for heating (Rated - min - max)	<i>Prated heating</i>	[kW]	7,6	2,8	8,5	
Rated power input for cooling (Rated - min - max)	<i>PEER</i>	[kW]	2,0	0,8	2,8	
Rated power input for heating (Rated - min - max)	<i>PCOP</i>	[kW]	1,9	0,6	2,3	
Rated Energy efficiency ratio	<i>EERrated</i>	-	3,25			
Rated Coefficient of performance	<i>COPrated</i>	-	4,01			
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 394 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 2117 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 30					
Indoor model	SMERALDO-C IDU CASSETTE 30					
Description		Symbol	Unit	Value		
Sound power level at standard rating conditions	indoor	<i>LWA</i>	[dB(A)]	63		
	outdoor			70		
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]	467		
Design load in cooling mode		<i>P_{designc}</i>	[kW]	8,8		
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]	2567		
Warmer heating season		-	-	Y		
Colder heating season		-	-	N		
Design load in heating mode (average season)		<i>P_{designh}</i>	[kW]	7,7		
Declared capacity at reference design condition (heating average season)		-	[kW]	6,8		
Back up heating capacity at reference design condition (heating average season)		-	[kW]	0,90		
Rated current for cooling		-	[A]	11,8		
Rated current for heating		-	[A]	11,0		
Rated capacity for cooling (Rated - min - max)		<i>Prated cooling</i>	[kW]	8,8	2,2	9,4
Rated capacity for heating (Rated - min - max)		<i>Prated heating</i>	[kW]	9,4	2,7	9,7
Rated power input for cooling (Rated - min - max)		<i>PEER</i>	[kW]	2,7	0,2	3,0
Rated power input for heating (Rated - min - max)		<i>PCOP</i>	[kW]	2,5	0,4	2,5
Rated Energy efficiency ratio		<i>EERrated</i>	-	3,23		
Rated Coefficient of performance		<i>COPrated</i>	-	3,83		
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 467 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 2567 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 36					
Indoor model	SMERALDO-C IDU CASSETTE 36					
Description		Symbol	Unit	Value		
Sound power level at standard rating conditions	indoor	<i>LWA</i>	[dB(A)]	63		
	outdoor			70		
Refrigerant type		-	-	R32		
GWP (1)		<i>GWP</i>	[kgCO ₂ eq.]	675		
SEER		<i>SEER</i>	-	6,7		
Energy efficiency class in cooling		-	-	A++		
Annual electricity consumption in cooling (2)		<i>QCE</i>	[kWh/a]	549		
Design load in cooling mode		<i>P_{designc}</i>	[kW]	10,5		
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]	2975		
Warmer heating season		-	-	Y		
Colder heating season		-	-	N		
Design load in heating mode (average season)		<i>P_{designh}</i>	[kW]	8,5		
Declared capacity at reference design condition (heating average season)		-	[kW]	7,8		
Back up heating capacity at reference design condition (heating average season)		-	[kW]	0,66		
Rated current for cooling		-	[A]	17,5		
Rated current for heating		-	[A]	13,5		
Rated capacity for cooling (Rated - min - max)		<i>Prated cooling</i>	[kW]	9,9	2,7	11,4
Rated capacity for heating (Rated - min - max)		<i>Prated heating</i>	[kW]	11,1	2,8	12,3
Rated power input for cooling (Rated - min - max)		<i>PEER</i>	[kW]	3,0	0,9	4,2
Rated power input for heating (Rated - min - max)		<i>PCOP</i>	[kW]	3,0	0,8	4,0
Rated Energy efficiency ratio		<i>EERrated</i>	-	3,33		
Rated Coefficient of performance		<i>COPrated</i>	-	3,71		
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 549 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 2975 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 36T					
Indoor model	SMERALDO-C IDU CASSETTE 36					
Description	Symbol	Unit	Value			
Sound power level at standard rating conditions	<i>LWA</i>	[dB(A)]	63			
			70			
Refrigerant type	-	-	R32			
GWP (1)	<i>GWP</i>	[kgCO2 eq.]	675			
SEER	<i>SEER</i>	-	6,4			
Energy efficiency class in cooling	-	-	A++			
Annual electricity consumption in cooling (2)	<i>QCE</i>	[kWh/a]	589			
Design load in cooling mode	<i>Pdesignc</i>	[kW]	10,5			
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]	2870			
Warmer heating season	-	-	Y			
Colder heating season	-	-	N			
Design load in heating mode (average season)	<i>Pdesignh</i>	[kW]	8,2			
Declared capacity at reference design condition (heating average season)	-	[kW]	7,8			
Back up heating capacity at reference design condition (heating average season)	-	[kW]	0,39			
Rated current for cooling	-	[A]	6,5			
Rated current for heating	-	[A]	5,0			
Rated capacity for cooling (Rated - min - max)	<i>Prated cooling</i>	[kW]	10,0	2,7	11,4	
Rated capacity for heating (Rated - min - max)	<i>Prated heating</i>	[kW]	11,1	2,8	12,7	
Rated power input for cooling (Rated - min - max)	<i>PEER</i>	[kW]	3,0	0,9	4,2	
Rated power input for heating (Rated - min - max)	<i>PCOP</i>	[kW]	3,0	0,8	4,0	
Rated Energy efficiency ratio	<i>EERrated</i>	-	3,29			
Rated Coefficient of performance	<i>COPrated</i>	-	3,71			
Voltage - Frequency - Phase no.	-	[V-Hz-Ph]	220/240	50	3	

(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 589 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 2870 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