MODEL				ASGE-48BI-3 + ASF-48BI			
MEASURED RESULT SUMMARY							
Outdoor side heat exchanger of air conditioner: Air							
Indoor side heat exchanger of air conditioner: Air							
Indication if the heater is equipped with a supplementary heater: No							
Type: Compressor driven vapour compression							
If applicable: Driver of compressor: Electric motor							
Parameters shall be declared for the average heating season, parameters for the warmer and colder heating seasons are optional.							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated Cooling Capacity, Outdoor	$P_{rated,c}$	13,40	kW	Seasonal Space Cooling Energy Efficiency, Outdoor	$\eta_{s,c}$	243,7	%
Cooling Capacity for Part Load at Given Outdoor Temperatures T_j and Indoor 27°/19 °C (Dry / Wet Bulb)				Energy Efficiency Ratio for Part Load at Given Outdoor Temperatures T_j			
T_j = + 35 °C	P_c	13,40	kW	T_j = + 35 °C	*EER*	2,97	-
T_j = + 30 °C	P_c	9,60	kW	T_j = + 30 °C	*EER*	4,45	-
T_j = + 25 °C	P_c	6,13	kW	T_j = + 25 °C	*EER*	7,09	-
T_j = + 20 °C	P_c	3,15	kW	T_j = + 20 °C	*EER*	10,81	-
Average heating season capacity for part load at indoor temperature 20 °C and outdoor temperature T_j				Average season coefficient of performance for part load at given outdoor temperatures T_j			
Rated Heating Capacity	$P_{rated,c}$	15,50	kW	Seasonal Space Heating Energy Efficiency	$\eta_{s,h}$	160,3	%
T_j = -7 °C	P_h	9,95	kW	T_j = -7 °C	*COP*	2,70	-
T_j = +2 °C	P_h	6,23	kW	T_j = +2 °C	*COP*	3,75	-
T_j = +7 °C	P_h	3,92	kW	T_j = +7 °C	*COP*	5,78	-
T_j = +12 °C	P_h	3,21	kW	T_j = +12 °C	*COP*	7,26	-
Tbiv	P_h	9,95	kW	Tbiv	*COP*	2,70	-
ToL	P_h	9,83	kW	ToL	*COP*	2,73	
T_j = -15 °C (if T OL <- 20 °C)	*Pth*	-	kW	T_j = -15 °C (if T OL <- 20 °C)	*COP*	-	
Bivalent Temperature	*Tbiv*	-7	°C	Operation Limit Temperature	*ToL*	-10	°C
Degradation coefficient for air conditioners	C_{dc}	0,25	-				
Power Consumption in Modes Other than 'Active Mode"							
Off Mode	P_{OFF}	0,003	kW	Crankacase Heater Mode	P_{CK}	0	kW
Standby Mode	P_{SB}	0,003	kW	Back-up Heating Capacity	*elbu*	-	kW
Thermostat-Off Mode (Cooling / Heating)	P_{TO}	0,015 / 0,021	kW	Type of Energy Input	-		
Other Items							
Capacity Control	Variable			Air Flow Rate, Outdoor Measured (Cooling)	5900	m^3 / h	
Sound Power Level, Indoor / Outdoor Measured (Cooling)	L_{WA}	64,6 / 72,0	dB	Air Flow Rate, Outdoor Measured (Heating)	5900	m^3 / h	
Sound Power Level, Indoor / Outdoor Measured (Heating)	L_{WA}	64,4 / 73,0	dB	GWP of the Refrigerant	675	kg $CO_{2\,eq}$ (100 years)	
Contact details for obtaining more information on the setting of the unit				SINCLAIR Corporation. Ltd., 1-4 Argyll St., London, UK info@sinclair-solutions.com / www.sinclair-solutions.com			

(*) If Cdc is not determined by measurement then the default degradation coefficient air conditioners shall be 0,25.
Where information relates to multi-split air conditioners, the test result and performance data may be obtained on the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.