



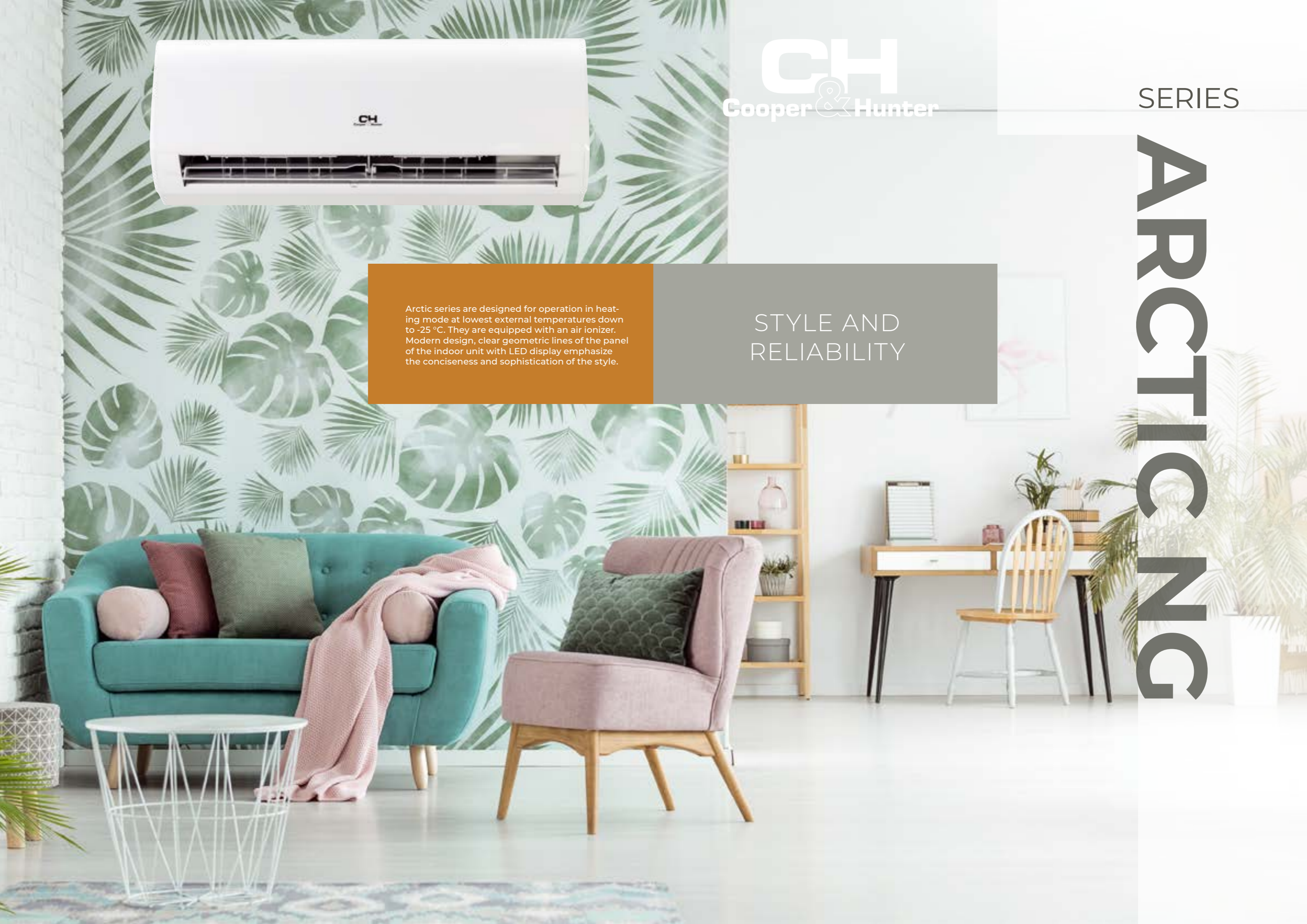
**CH**  
Cooper & Hunter

SERIES

Arctic series are designed for operation in heating mode at lowest external temperatures down to -25 °C. They are equipped with an air ionizer. Modern design, clear geometric lines of the panel of the indoor unit with LED display emphasize the conciseness and sophistication of the style.

STYLE AND  
RELIABILITY

# ARCTIC SPLIT SYSTEMS





# SERIES ARCTIC NG



## FUNCTION

HEALTH					COMFORT MANAGEMENT									
Mode SLEEP	Technology CH 7-SKY	ECO-FRESH	CH SMART-ION filter	Double Self-clean	Self-clean	Locking the remote control	Timer	LED display	Turbo mode	Multi speed fan	Dehumidification mode	Dehumidification mode	Wi-Fi	I FEEL

INTELLIGENT CONTROL				TECHNOLOGICAL					ENERGY EFFICIENCY				
Anti Freeze protection	Auto restart	Self diagnostics	Display backlight	Wired controller connection	R32 Refrigerant	Silent mode	Auto protection	Function 8°C	Technology I-Action	Coating BLUE-FIN	Warm start	Energy Efficiency	6 generation

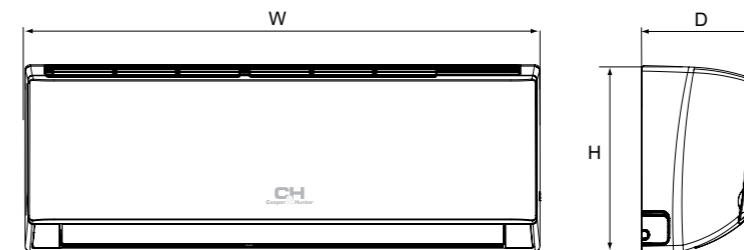
## CONTROLS AND ACCESSORIES (OPTIONAL)



MODEL	CH-S09FTXLA2-NG		CH-S12FTXLA2-NG		CH-S18FTXLA2-NG		CH-S24FTXLA2-NG			
Capacity	Cooling	kW	2.70 (0.80-3.80)		3.51 (0.90-4.40)		5.20 (1.00-6.10)		7.10 (2.00-8.85)	
	Heating	kW	3.00 (0.90- 4.25)		3.81 (0.90-4.70)		5.60 (1.10-6.60)		7.80 (1.80-9.45)	
Power consumption	Cooling	kW	0.69 (0.10-1.30)		0.96 (0.22-1.40)		1.58 (0.10-2.35)		2.03 (0.45-2.90)	
	Heating	kW	0.70 (0.15-1.40)		0.95 (0.22-1.55)		1.44 (0.18-2.40)		2.00 (0.35-3.00)	
Energy efficiency	Cooling (SEER*)	kW/kW	7.5 (A++)		7.1 (A++)		7.1 (A++)		7.0 (A++)	
	Heating (SCOP**)	kW/kW	5.3 (A+++)		5.2 (A+++)		5.7 (A+++)		5.4 (A+++)	

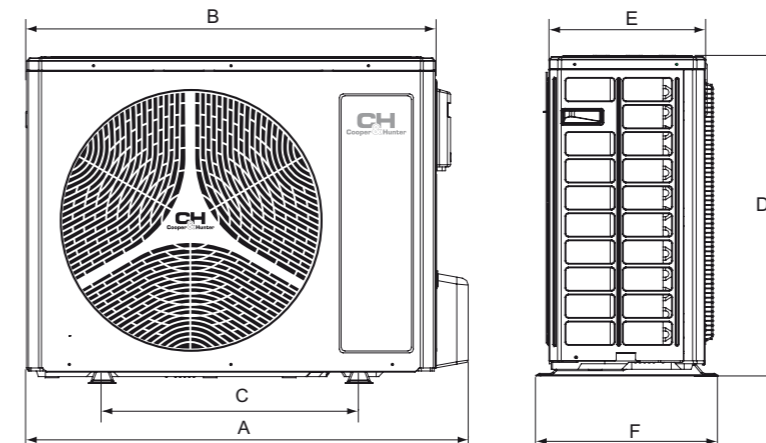
\* SEER - seasonal coefficient of system cooling capacity.  
\*\* SCOP - seasonal coefficient of system heating capacity.

INDOOR UNIT	CH-S09FTXLA2-NG		CH-S12FTXLA2-NG		CH-S18FTXLA2-NG		CH-S24FTXLA2-NG		
Air productivity	m³/h	390/420/440/470/540/570/610		360/420/480/540/600/650/700		460/520/570/610/680/750/850		800/850/900/950/1000/1100/1250	
Sound pressure level	dB (A)	20/22/24/26/28/32/37		21/23/24/26/29/33/38		24/27/31/33/38/41/45		27/29/35/37/39/42/47	
Dehumidification	l/h	1.69		1.40		1.9		2.4	
Weight	kg	10.5		10.5		13		16.5	



MODEL	W (mm)	H (mm)	D (mm)
CH-S09FTXLA2-NG	845	289	209
CH-S12FTXLA2-NG	845	289	209
CH-S18FTXLA2-NG	970	300	224
CH-S24FTXLA2-NG	1078	325	246

OUTDOOR UNIT	CH-S09FTXLA2-NG		CH-S12FTXLA2-NG		CH-S18FTXLA2-NG		CH-S24FTXLA2-NG		
Sound pressure level	dB (A)	50		52		56		59	
Compressor type	Rotary								
Refrigerant type	R32								
Temperature range for cooling	°C	-15 ... +50							
Temperature range for heating	°C	-25 ... +30							
Power supply	~220-240V/50Hz/1 Ph								
Weight	kg	24.5		24.5		30.5		41.5	
Gas charging volume	kg	0.53		0.57		0.82		1.50	
Liquid pipeline diameter	mm/inch	6.35/1/4"		6.35/1/4"		6.35/1/4"		6.35/1/4"	
Gas pipeline diameter	mm/inch	9.52/3/8"		9.52/3/8"		12.7/1/2"		15.88/5/8"	
Maximum pipeline level difference	m	10		10		10		10	
Pipeline maximum length	m	15		15		25		25	



MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CH-S09FTXLA2-NG	732	675	455	555	285	330
CH-S12FTXLA2-NG	732	675	455	555	285	330
CH-S18FTXLA2-NG	802	745	513	555	300	350
CH-S24FTXLA2-NG	958	889	570	660	340	402