

RESIDENTIAL SOLUTIONS



# STELLA

PERFORMANCE AND COMFORT



R32 

R32 

FULL RANGE OF R32 MONO AND MULTISPLIT SYSTEMS



COMPACT DESIGN FOR PERFECT INTEGRATION



FOLLOW ME FUNCTION, FOR AIRFLOW CONTROL



DUAL REFRIGERANT (R410A/R32) INDOOR UNITS TO REDUCE INVENTORY



THREE-DIMENSIONAL AIR FLOW, ABLE TO DIRECT THE AIR FLOW BOTH VERTICALLY AND HORIZONTALLY



INDOOR UNIT EQUIPPED WITH LED DISPLAY TO SHOW INDOOR TEMPERATURE, OPERATING STATUS AND ERROR MESSAGES



FULL WI-FI COMPATIBILITY



# TECHNICAL CHARACTERISTICS



## STELLA

TECHNICAL CHARACTERISTICS		9K btu/hr	12K btu/hr	18K btu/hr	22K btu/hr
Cooling capacity	kW	2.70 [1.1-3.6]	3.52 [1.1-3.9]	5.28 [2.3-5.7]	7.04 [2.8-8.1]
P design capacity cooling	kW	2.70	3.52	5.28	7.04
Temp range cooling	°C	-15-46	-15-46	-15-46	-15-46
SEER	W/W	7.2	6.7	7.2	6.7
EER	W/W	3.46	2.93	3.34	3.06
Energy label		A++	A++	A++	A++
Yearly energy consumption	kWh	131	184	257	368
Heating capacity	kW	3.00 [1.0-3.9]	3.80 [1.0-4.2]	5.50 [2.2-5.8]	7.50 [2.8-9.2]
Heating capacity at -7°C	kW	2.9	3.0	3.8	6.3
Heating capacity at -10°C	kW	2.5	2.6	3.2	5.8
Heating capacity at -15°C	kW	2.0	2.0	2.8	5.0
P design capacity heating(warmer)	kW	3.00	3.50	5.40	6.40
P design capacity heating(average)	kW	2.50	3.00	4.10	5.20
Temp range heating	°C	-15-24	-15-24	-15-24	-15-24
SCOP(average)/SCOP(warmer)	W/W	4.0/ 5.1	4.0/5.1	4.0 / 5.1	4.0 / 5.1
COP	W/W	3.75	3.45	3.74	3.41
Energy label		A+++ / A+	A+++ / A+	A+++ / A+	A+++ / A+
Yearly energy consumption	kWh	875/ 824	1050/961	1435/1483	1820/ 1757
<b>INDOOR UNIT</b>		<b>42HV09JS8C-1</b>	<b>42HV12JS8C</b>	<b>42HV18JS8C</b>	<b>42HV22JS8C-1</b>
Sound power level	dB(A)	53	54	57	63
Sound pressure level (high/med/low/silence)	dB(A)	39/35/31/22	40/35/31/22	43/39/35/24	48/44/39/29
Air flow (high/med/low/silence)	m³/h	440/360/280/150	510/420/330/170	750/630/510/330	1100/920/750/450
Weight	kg	7.5	8.5	11.0	13.5
Dimensions (WxDxH)	mm	730x192x291	812x192x300	973x218x319	1082x225x338
<b>OUTDOOR UNIT</b>		<b>38HV09JS8C</b>	<b>38HV12JS8C</b>	<b>38HV18JS8C</b>	<b>38HV22JS8C</b>
Sound power level	dB(A)	63	64	65	69
Sound pressure level	dB(A)	54	54	55	58
Airflow	m³/h	1900	1900	2100	2700
Weight	kg	27.0	27.0	38.0	52.5
Dimensions (WxDxH)	mm	770x300x555	770x300x555	800x333x554	845x363x702
Refrigerant amount	kg	0.70	0.80	1.25	1.60
Liquid side/ Gas side	inch	1/4"/3/8"	1/4"/3/8"	1/4"/1/2"	3/8"/5/8"
Standard piping length	m	5	5	5	5
Min piping length	m	3	3	3	3
Max piping length	m	25	25	30	40
Max height difference	m	10	10	20	20
Recommended additional charge	g/m	12	12	12	24
Voltage	V-ph-Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Standard current (cooling)	A	5.1	5.3	7.0	10.1
Standard input (cooling)	W	780	1200	1580	2300
Standard current (heating)	A	3.6	4.8	6.6	9.7
Standard input (heating)	W	800	1100	1470	2200

## KEY FEATURES

- Self cleaning function.
- Night mode.
- Follow me fuction,for airflow control.
- Auto restart mode.
- Extra low noise.

## CONTROLS



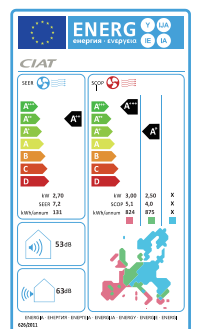
Wireless remote control (supplied as standard)



Wired control (option)



Wifi control via smartphone (option)



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