

CONSOLE 3 35M ÷ 53M



▶A++ ▶A+

COMFORT



Stepless
Indoor Fan
Speed



Anti-cold air



Temperature
Compensation



Multidirectional
airflow

RELIABILITY



Self-diagnosis
Function



Emergency
Function

CONVENIENCE



Remote
On/Off



Timer



Auto-restart

ENERGY SAVING



Sleep



Gear

OPTIONAL



Wired
controller



Centralised
control



BMS
Communication



WiFi Control

HEALTH



High Density
filter



Cold Catalyst
filter



Wi-Fi
NWMX
(optional)



WIRED REMOTE
CONTROL
KJR-120X2-TFBG-E
(optional)
(necessary kit MKCX)



REMOTE CONTROL
RG10A-D2S-BGEF
(standard)



IC3-Y



MC3-Y

technical data

Set				35M	53M
Cooling capacity	Standard (Min.÷Max.)	Btu/h		12.000 (2.600÷14.500)	17.000 (9.000÷19.000)
	Standard (Min.÷Max.)	kW		3,52 (0,76÷4,25)	4,98 (2,64÷5,57)
Heating capacity	Standard (Min.÷Max.)	Btu/h		13.000 (1.550÷16.000)	18.000 (7.500÷21.500)
	Standard (Min.÷Max.)	kW		3,81 (0,45÷4,69)	5,28 (2,20÷6,30)
Standard power supply	Cooling (Min.÷Max.)	W		1.000 (170÷1.350)	1.500 (650÷1.950)
	Eating (Min.÷Max.)	W		980 (150÷1.300)	1.420 (600÷1.900)
Rated current input	Cooling (Min.÷Max.)	A		4,52 (1,40÷5,90)	6,70 (2,95÷8,70)
	Eating (Min.÷Max.)	A		4,43 (1,25÷5,95)	6,40 (2,75÷8,50)
Seasonal efficiency ¹	Cooling	Energy class	-	A++	A++
		Design load (Pdesign)	kW	3,50	5,00
		SEER	-	7,30	6,70
		Annual energy consumption	kWh/a	168	261
	Heating	Energy class	-	A+	A+
		Design load (Pdesign)	kW	2,60	4,00
		SCOP	-	4,00	4,00
		Annual energy consumption	kWh/a	910	1.414
	Average season	Energy class	-	A+++	A++
		SCOP	-	5,50	5,00
Standard efficiency ²	EER	-		3,52	3,32
	COP	-		3,89	3,72

Indoor unit				IC3-Y	35M	53M
Article code	Unit	L x D x H	mm		89472266	89472269
Dimensions	Packaging (Unit)	L x D x H	mm		794x206x621	794x206x621
Weight	Unit / Packaging		kg		865x280x719	865x280x719
Air filter	Type		-		14,9/18,8	14,9/18,8
Airflow		Hi/Mi/Lo	m³/h		650/580/490	780/690/600
Sound power		Hi	dB(A)		54	55
Sound pressure level		Hi/Mid/Lo	dB(A)		37/34/27	41/38/32
Control systems	Infrared remote control		-		RG10A-D2S-BGEF	
	Settable temperature		°C		16÷30	
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1	

¹ SEER and SCOP data, relative energy ratings and annual energy consumption in conformity to the EN 14825 standard measurement.

² EER/COP values declared only for tax deductions in force at the time this document was written
R/W = Removable/Washable

Test conditions:
according to EN14511 / EN12102
Cooling: indoor air temperature 27°C DB/19°C WB; outdoor air temperature 35°C DB/24°C WB;
Heating: indoor air temperature 20°C DB/15°C WB; outdoor air temperature 7°C DB/6°C WB.
Data declared according to UE 626/2011 delegated regulation

Outdoor unit				MC3-Y	35M	53M
Article code					89092252	89112214
Dimensions	Unit	L x D x H	mm		765x303x555	805x330x554
	Packaging	L x D x H	mm		887x337x610	915x370x615
Weight	Unit / Packaging		kg		26,6/29,0	32,5/35,2
Sound power		Nominal	dB(A)		62	65
Sound pressure level		Nominal	dB(A)		54	56
Operating Voltage Range	Cooling	Indoor T.	°C			16÷32
		Outdoor T.	°CBS			-15÷50
	Heating	Indoor T.	°C			0÷30
		Outdoor T.	°CBU			-15÷24
Refrigerant	Type/GWP		-		R-32 / 675	
Power supply	Voltage/Frequency/Phases		V/Hz/n°		230 / 50 / 1	

refrigerant piping and connections

Set				35M	53M
Max equivalent length				25	30
Max difference in level ODU / IDU				±10	±20
Refrigerant precharge				0,72 / 5	1,15 / 5
External diameters	Liquid	mm / inch		Φ6,35 - 1/4"	Φ6,35 - 1/4"
	Gas	mm / inch		Φ9,52 - 3/8"	Φ12,7 - 1/2"

electrical connections

Set				35M	53M
ODU	Power supply	V/Hz/n°		230 / 50 / 1	230 / 50 / 1
		no. of cables		2 + G	2 + G
IDU	Power supply	V/Hz/n°		230 / 50 / 1	230 / 50 / 1
		no. of cables		2 + G	2 + G
	Signal	no. of cables		1	1

accessoires

Standard	
RG10A-D2S-BGEF	Infrared remote control for indoor units CRISTALLO 2 / EZCool / BOX 2 / CONSOLE 3 / DUCT 2 / C&F 2
Optionals	
NWMX	Wi-fi kit for indoor units
MKCX	Multifunction board that makes the indoor unit available for Remote ON / OFF, Alarm port and XYE Port (required for connection of Wired controller, Centralized wired controller, Data Converter, BMS Gateway) <i>The ON-OFF/Alarm/XYE/Wi-Fi port functions can be used simultaneously</i>
Control systems	(learn more at Control System page)