

TECHNICAL DATA

MEGR-MC

Data Book
DB_MEGR_062023_EN_REV02

MICROCHANNEL COIL

TECHNICAL DATA MEGR-MC-A - 230/1/50

Fans with AC electric motors and STANDARD acoustic enclosure

MODEL		013	015	024	027	034	049
REFRIGERANT		R410A	R410A	R410A	R410A	R410A	R410A
POWER SUPPLY	V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
ACOUSTIC VERSION		STD	STD	STD	STD	STD	STD
CAPACITY (1)	kW	12,9	14,4	23,0	25,7	32,0	47,0
AXIAL FANS "AC"	n.	1	1	1	1	1	2
Total air flow	m³/h	3910	4600	7098	8350	9550	15555
External static pressure	Pa	0	0	0	0	0	0
Total engaged power	kW	0,26	0,31	0,51	0,60	0,54	0,87
Total absorbed current (SA)	A	1,4	1,7	2,5	2,9	2,9	4,94
Maximum total engaged power (FLI)	kW	0,32	0,38	0,54	0,64	0,64	1,08
Maximum total absorbed current (FLA)	A	1,4	1,7	2,5	2,9	2,9	4,94
NET WEIGHT	kg	30	30	45	45	53	86

MODEL		055	067	082	110	134	164
REFRIGERANT		R410A	R410A	R410A	R410A	R410A	R410A
POWER SUPPLY	V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
ACOUSTIC VERSION		STD	STD	STD	STD	STD	STD
CAPACITY (1)	kW	52,5	63,8	77,8	105,0	128,0	156,0
AXIAL FANS "AC"	n.	2	2	3	4	4	6
Total air flow	m³/h	18300	19000	25000	36600	38000	50000
External static pressure	Pa	0	0	0	0	0	0
Total engaged power	kW	1,02	0,99	1,55	2,04	1,98	3,10
Total absorbed current (SA)	A	5,8	5,8	8,7	11,6	11,6	17,4
Maximum total engaged power (FLI)	kW	1,28	1,28	1,92	2,56	2,56	3,84
Maximum total absorbed current (FLA)	A	5,8	5,8	8,7	11,6	11,6	17,4
NET WEIGHT	kg	86	100	120	177	208	248

1. Referred to condensing temperature at 50°C and ambient air temperature at 35°C.

The units highlighted in this publication contain <HFC R410A [GWP₁₀₀ 2088]> fluorinated greenhouse gas

ACOUSTIC DATA MEGR-MC-A - 230/1/50

Fans with AC electric motors and STANDARD acoustic enclosure

MODEL		013	015	024	027	034	049
REFRIGERANT		R410A	R410A	R410A	R410A	R410A	R410A
POWER SUPPLY	V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
ACOUSTIC VERSION		STD	STD	STD	STD	STD	STD
Sound power level [L _w] ISO 9614-2	dB(A)	65	69	66	70	71	70
Average sound pressure level [L _p] ISO 3744							
At 1 m	dB(A)	51	54	51	55	56	54
At 5 m	dB(A)	39	43	40	44	45	44
At 10 m	dB(A)	34	38	35	39	40	39

MODEL		055	067	082	110	134	164
REFRIGERANT		R410A	R410A	R410A	R410A	R410A	R410A
POWER SUPPLY	V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
ACOUSTIC VERSION		STD	STD	STD	STD	STD	STD
Sound power level [L _w] ISO 9614-2	dB(A)	73	74	75	76	77	78
Average sound pressure level [L _p] ISO 3744							
At 1 m	dB(A)	57	58	59	59	59	60