

MIC

QUICK GUIDE

This document is a concise version of the model manual. This document is not meant to be a replacement of the manual. To download the full manual please scan the QRcode below or locate the data label on the model and scan the QRcode.

ECO™ heat transfer coolers

MODINE

MANUFACTURER:
MODINE CIS ITALY S.R.L.
VIA GIULIO LOCATELLI, 22
33050 POCENIA (UDINE) ITALY

MADE IN ITALY/EU

MODEL MIC301

SERIAL NR. AA123456789 DATE 01/01/2021

NET WEIGHT [KG] 19 CAPACITY [L] 2.9

CUSTOMER CODE

PS [BAR] 30 FLUID GROUP 2. G

TS MAX/MIN [°C] 125/-40 VOL [L]

CAT (PED) Art. 4 par. 3 DN 20

NR. OF MOTORS 03 RPM 1300

MOTORS POW. SUPPLY 230V/1/50-60Hz

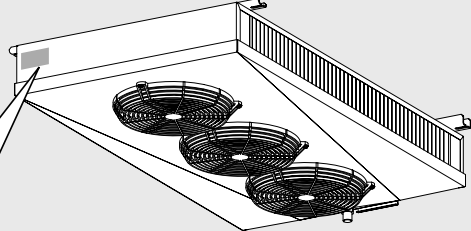
TOT. 159 W 1.05 A

HEATERS POWER SUPPLY

HEATERS TOT



CE
EAC
UK
CA

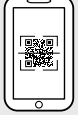


ECO™ heat transfer coolers

MODINE



CE
EAC
UK
CA



Link to user manuals:



IT

ES

EN

FR

DE

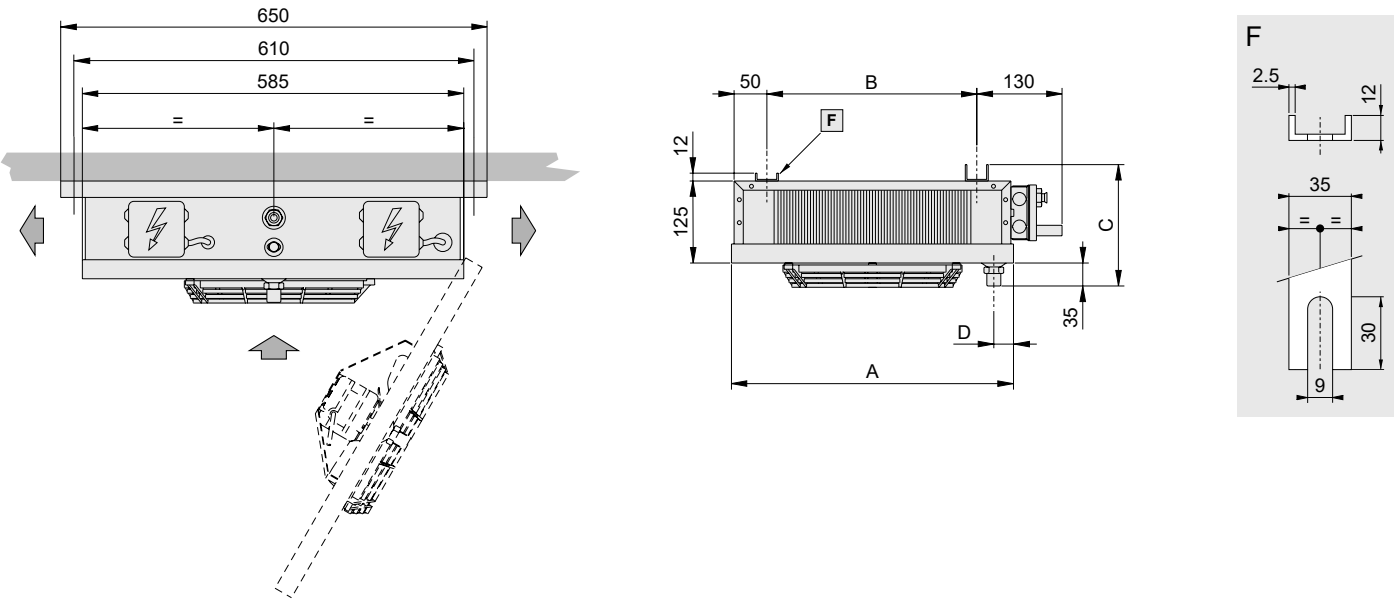
RU



⚠

Before removing the packaging, handling, assembling, positioning, commissioning of the machine and before performing any work on the model, download and carefully read all the information in the manual. If in doubt contact Modine.

Construction and dimensional features



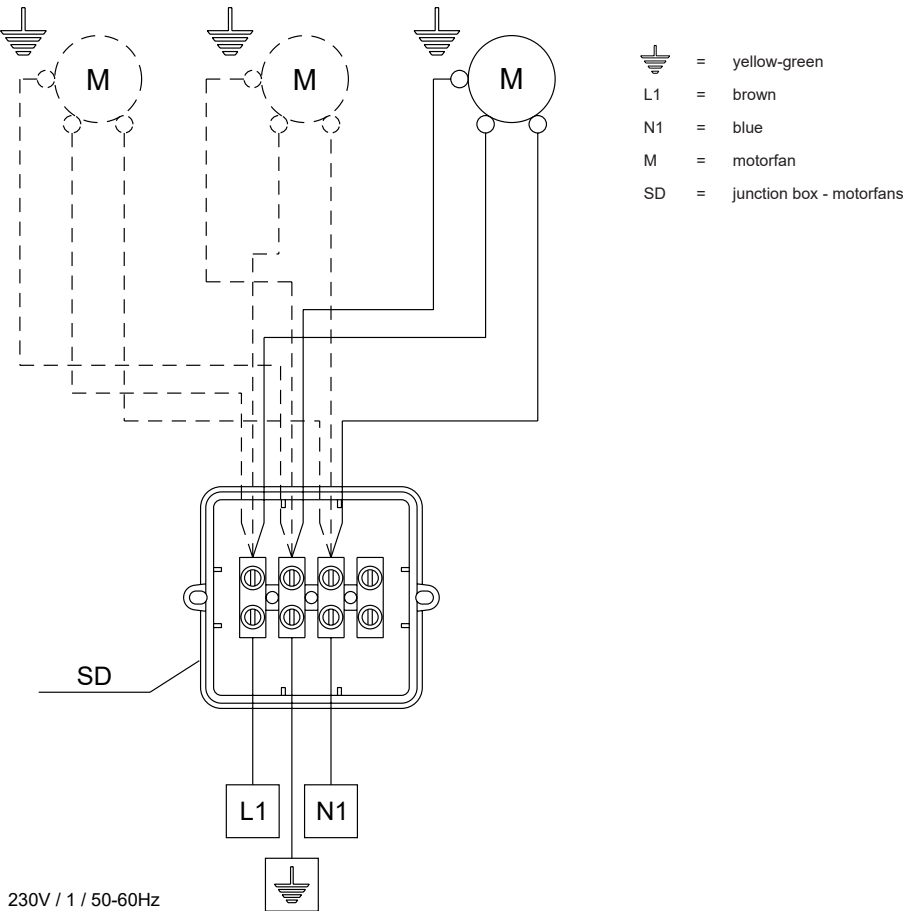
Model	MIC	080	081	101 (*)	161 (*)	201 (*)	301 (*)	401 (*)	501(*)
Motorfans	n° x Ø mm	1x230	1x230	1x230	2x230	2x230	3x230	4x230	5x230
Dimensions	A	430	430	430	730	730	1030	1330	1630
	B	320	320	320	620	620	920	1220	1520
	C	172	172	172	185	185	185	185	185
	D	30	30	30	30	30	30	35	35
Coil connections	In (SAE)	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
	Out (mm)	12	12	16	16	16	22	22	22
Drain connection	Ø (GAS)	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1"	1"
Net weight	kg	7.3	7.3	8.0	12.2	13.4	19.0	24.4	29.9

(*) Thermostatic valve with external pressure equaliser recommended

Wiring diagrams

Motor-fan connection diagram

Important. The motors are equipped with inner thermal protection with automatic reconnection. Before using motor speed control systems verify the compatibility with the motors. Non compatible systems may damage motors or increase noise level; Modine will not be responsible for model performance with speed control systems. For fans equipped with thermal contacts (TK), these must be connected to the control circuit. For models supplied with wiring in a junction box, remove the cover to make the connection.

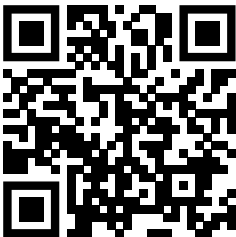


Model	MIC	080		-		-		-		-	
		081		161		-		-		-	
		101		201		301		401		501	
Motorfans	n° x Ø mm	1x230		2x230		3x230		4x230		5x230	
Frequency	Hz	50	60	50	60	50	60	50	60	50	60
Electrical consumption	A	0.35	0.35	0.70	0.70	1.05	1.05	1.40	1.40	1.75	1.75
	W	53	53	106	106	159	159	212	212	265	265
RPM		1300	1300	1300	1300	1300	1300	1300	1300	1300	1300



Modine CIS Italy S.r.l.
33050 Pordenone - Udine - Italy
Via Giulio Locatelli, 22
Tel. +39 0432.772.001
Fax +39 0432.779.594
www.modine.com

Link to user manuals:



<https://www.modinecoolers.com/documents/>