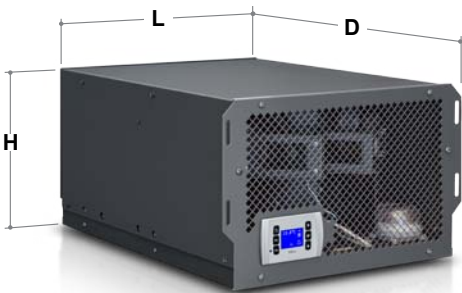
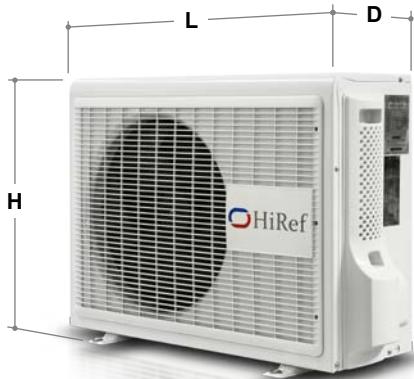


MRAC

MINI RACK COOLER  
FOR HIGH DENSITY SYSTEMS



MRAC INDOOR UNIT



MTC OUTDOOR UNIT

Available also for 60 Hz power supply

MRAC INDOOR UNIT		0035	0035b	0070	0070i		
					@30Hz	@70Hz	@110Hz
		Inlet air conditions 30°C - 35% r.h.; Condensing temperature 45°C					
Cooling Capacity	kW	3.6	4.1	6.8	3.0	6.0	7.9
SHR		1.0	1.0	0.9	1.0	0.9	0.8
		Inlet air conditions 35°C - 30% r.h.; Condensing temperature 45°C					
Cooling Capacity	kW	3.9	4.4	7.4	3.2	6.4	8.6
SHR		1.0	1.0	1.0	1.0	0.9	0.8
Evaporator airflow	m3/h	915	1330	1330	1330		
Fans' power input	kW	0.15	0.33	0.33	0.33		
Power Supply	V/-Hz	230/1/50			230/1/50-60		
Dimensions (L x H x D)	mm	485 x 300 x 600			485 x 300 x 600		
Weight	kg	26	26	29.5	29.5		

MTC OUTDOOR UNIT		0035	2x0035 (*)	0070	i0070		
					@30Hz	@70Hz	@110Hz
Total power input	kW	1.1	1.1	2.1	1.1	1.8	2.7
Total current absorption	A	4.7	4.7	4.2	6.1	9.7	14.7
Lp @nominal rpm; Q = 2 (**)	dB(A)	42	42	46	42		
Power Supply	V/-Hz	230/1/50			230/1/50-60		
Dimensions (L x H x D)	mm	700 x 540 x 265			1305 x 648 x 420		
Weight	kg	34	34	71	91		

(\*) 1 running motocondensing unit    (\*\*) @2 m according to UNI EN 3744



HIREF S.p.A.  
Viale Spagna, 31/33  
35020 Tribano (PD) Italy  
Tel. +39 049 9588511  
Fax +39 049 9588522  
e-mail: [info@hiref.it](mailto:info@hiref.it)  
[www.hiref.it](http://www.hiref.it)

HiRef S.p.A. reserves the right to change the specifications and other information contained herein without notice. No part of this publication may be reproduced without the prior written permission of HiRef S.p.A.

© Copyright HiRef S.p.A. 2017



HF65000002 rev.C

ITALIAN  
COOLING  
SOLUTIONS



MINI RACK COOLER FOR HIGH DENSITY SYSTEMS

MRAC



3.6 - 7.9 kW

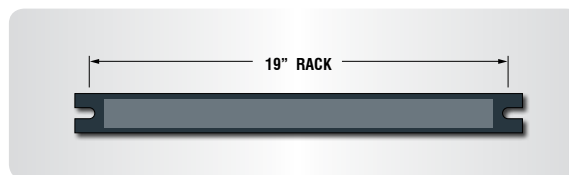




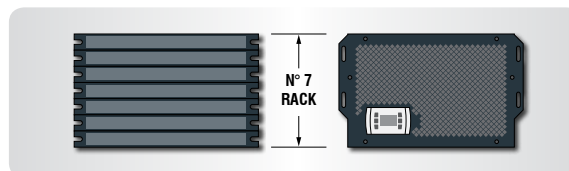
# MRAC

## MINI RACK COOLER FOR HIGH DENSITY SYSTEMS

- MRAC CAN BE INSTALLED IN ANY 19-INCH RACK



- SMALL DIMENSIONS: MRAC IS AS HIGH AS 7 RACK UNITS



- MRAC'S FANS ARE EXCLUSIVELY WITH EC MOTORS

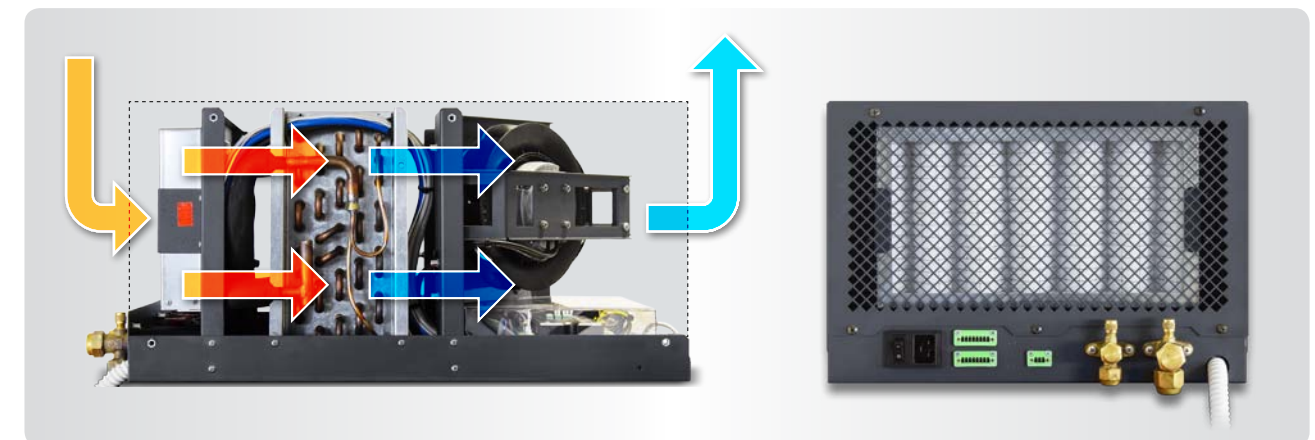


ELECTRONICALLY  
COMMUTATED FANS

- HIGHEST REDUNDANCY WITH THE 2 MOTOCONDENSING UNIT SOLUTION



- MRAC IS SUITABLE FOR IN-RACK AIR CONDITIONING



MRAC is the right choice to cool 19" racks which need a close temperature control and a 24h/24 operation. They come in split execution with an outdoor motocondensing R410A unit, from 3.6 up to 7.9 kW. MRAC is controlled by a dedicated software, developed in the HiRef's software Dept., and can be connected in a LAN (up to 8 units). The main controller can be linked to an automatic system for door opening in case of alarm.

- » High efficiency cooling coil with hydrophilic treatment and structure made of aluminium
- » Brushless DC inverter driven compressor available for the 7 kW unit
- » Electrical and microprocessor quick connections
- » Low outdoor temperature version available
- » AISI 430 stainless steel drain pan
- » Refrigerant connections on bottom
- » Completely insulated panels
- » G3 air filter
- » Colour RAL 7016

