

# MRAC

## MINI RACK COOLER FOR HIGH DENSITY SYSTEMS



OUTDOOR UNIT



INDOOR UNIT



Ambient Conditions: 30°C / 30 % r.h. - Text = 35°C

INDOOR UNIT		MRAC 0035	MRAC 0035b	MRAC 0070	MRAC 0070i		
					@30Hz	@60Hz	@90Hz
Cooling Capacity	kW	3.6	4.1	6.8	3.1	5.9	7.3
SHR	-	1.00	1.00	1.00	1.00	1.00	1.00
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	230/1/50	230/1/50-60		
Dimensions (L x H x D)	mm	485 x 300 x 600	485 x 300 x 600	485 x 300 x 600	485 x 300 x 600		
Weight	kg	26	26	29,5	29.5		

OUTDOOR UNIT		MTC 0035	2xMTC 0035*	MTC 0070	MTCi 0070		
					@30Hz	@60Hz	@90Hz
Total power input	kW	1.1	1.1	2.1	0.7	1.3	2.0
Total current absorption	A	4.7	4.7	4.2	3.8	7.1	11.3
Compressors / circuits	-/-	1/1	1/1	1/1	1/1		
Lp @nominal rpm; Q = 2*	dB(A)	42	42	46	42		
Power Supply	V/-/Hz	230/1/50	230/1/50	400/3/50	230/1/50-60		
Dimensions (L x H x D)	mm	700 x 540 x 265	700 x 540 x 265	942 x 735 x 341	1128 x 1121 x 546		
Weight	kg	34	34	71	99		

\*@2m according to UNI EN 3744

\*\*1 running motocondensing unit

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3.6 - 7.3 kW



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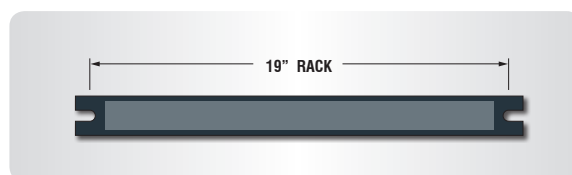
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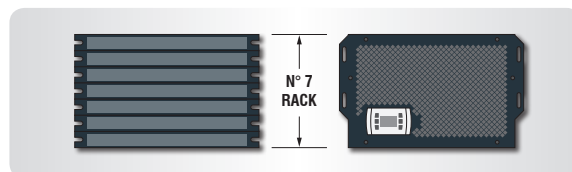
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## MINI RACK COOLER FOR HIGH DENSITY SYSTEMS

- MRAC CAN BE INSTALLED IN ANY **19-INCH RACK**



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



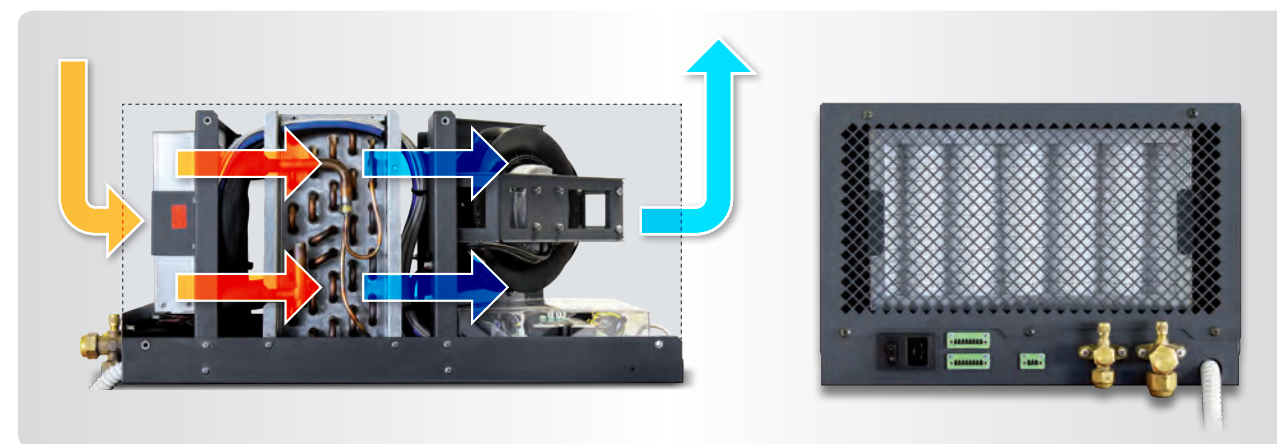
- MRAC'S **FANS** ARE EXCLUSIVELY WITH **EC MOTORS**



- 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 7.3 kW. MRAC is controlled by a dedicated software, developed in the HiRef's software Dept., and can be connected in a LAN (up to 16 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

