

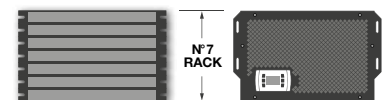
# InRack Cooler High-Density



Installation on 19"  
rack cabinet



EC electronic ventilation



High-density only  
7 Rack Units

Maximum redundancy



Outdoor unit



## Description

InRack Air Conditioner HD Series is a high density system for installation on 19" Rack (it occupies only 7 Rack Units) and is the intelligent solution for cooling IT equipment in the cabinets. It is the ideal solution for creating small Data Centers in SME and for conditioning Micro Data Centers.

## Technical features

InRack Cooler HD is the ideal conditioning solution of 19" Rack cabinets, for which precise control of internal temperature and 24x7 operation are required. In split version with R410A-cooling gas based external condensing unit, the range is extended from 3.6 to 7.3 kW. InRack Cooler High Density is controlled by dedicated software which allows LAN connection of up to sixteen (16) units and interfacing with an automatic door-opening system in the event of an alarm.

# InRack Cooler High-Density

## Efficiency and compactness in InRack air conditioning



InRack Cooler HD is controlled by a dedicated software, which allows LAN connection of up to 16 units and the interfacing with an automatic door opening system in the event of an alarm.

- Battery with high efficiency hydrophilic fin and aluminum structure
- A version for low outdoor air temperatures is available
- Compressor with brushless inverter technology available for the 7 kW version
- Condensate collection tray in AISI 430 stainless steel
- Quick electrical and control connections
- Fully insulated panelling
- Connections for cooling positioned at the bottom
- RAL 7016 color
- Air filter type G3



## Technical Specifications

Environmental conditions: 30 ° C / 30% r.h. - Test = 35 ° C

Indoor unit		IRC35	IRC35b	IRC70		IRC70i	
					@30Hz	@60Hz	@90Hz
Cooling power	kW	3.6	4.1	6.8	3.1	5.9	7.3
SHR	/	1.00			1.00	1.00	1.00
Evaporator air flow	m³/h	915	1330	1330		1330	
Power absorbed by fans	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 (W)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		UE35	2xUE35 <sup>(2)</sup>	UE70		UE70i	
					@30Hz	@60Hz	@90Hz
Total absorbed power	kW	1.1	1.1	2.1	0.7	1.3	2.0
Total absorbed current	A	4.7	4.7	4.2	3.8	7.1	11.3
Compressors / circuits	-/-	1/1	1/1	1/1		1/1	
Nominal Lp @ rpm; Q = 2 <sup>(1)</sup>	dB(A)	42	42	46		42	
Power Supply	V-/Hz	230/1/50	230/1/50	230/1/50		230/1/50-60	
Dimensions (W)x(H)x(D)	mm	700 x 540 x 265	700 x 540 x 265	942 x 735 x 341		1305 x 648 x 420	
Weight	kg	34	34	71		91	

<sup>(1)</sup> 2 m as per UNI EN3744

<sup>(2)</sup> 1 functioning condensing unit