

GITEX 2006 - Dubai - especial edition - 4th year

SAIFOR

www.saifor.com

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UPDATES

check this out and more in our **stand Z-P5**
@ Zabeel Hall

arctic

high-end cabling and server racks

ergo-noc

consoles for control rooms

COOLING

IT!

new solutions from SAIFOR

CADU · FAN DOORS · HTRD · COOLING UNIT

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ARCTIC range, a preferred rack for the most exigent datacenters.



Top companies like JUNIPER, REDBACK, EASYNET, DASSAULT, IBM or KING KHALID INTERNATIONAL AIRPORT have already installed ARCTIC racks in their datacenters.

ARCTIC, the most advanced solution of 19" racks from SAIFOR, thanks to its large range of configurations and accessories easily solves the exigent needs of the emerging trends and installation requirements.

Through its 3 models, NET, ASP & ISP, this range offers all the solutions for all kind of cabling, networking and server installations.

This range is designed in widths of 600, 800mm, and depths of 600, 800, 1000 and 1200mm covering all currents needs. Moreover, its smart design of quick mounting accessories allows the installers to save time and money.



**arctic
net**

the cabling &
networking rack



**arctic
asp**

the server rack



**arctic
isp**

the colocation
rack

STANDARDS

According to 19" norm:

IEC 60 297 / DIN 41 494 / UNE 20 539IP 20

Protection according to norm:

IEC 60 529 / DIN 400 50 / UNE 20 324

Load rating of 600 KG. DEB SL6

according to norm:

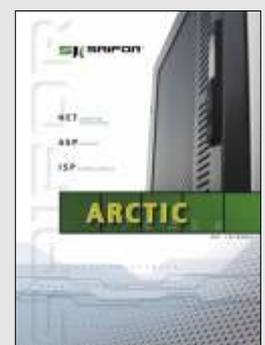
IEC 61 587-1 / UNE EN 61 587-1

For more information download
the technical brochure at :

<http://www.saifor.com/en/downloadPDF.html>

or ask us which is your nearest
dealer, at :

info@saifor.com · saifor@saifor.com



Saifor presents SACS, a wide range of cooling solutions

Plug&play products for datacenters and server rooms.

The constant heating increase in Datacenters by using last server technology like Blade Servers, is a daily matter of discussion; but it is not only a question of money to create a new datacenter, if not, What does it happens during the migration to a new Datacenter? How does it affects to our company? And to our customers? Which is the cost of breakdown and how can we avoid it?

In SAIFOR we do not answer only in terms of money, if not in terms of Solutions.

We propose a complete range of products, designed to improve the performance of existing installations, compatible to any of our already installed cabinets.

The benefits of these products strive in the fact that, 95% of the improvements can be done without interfering in the installation operative, reducing breakdown problems and its negative repercussion chain.



CADU
Cool Air Distribution Unit
1720 m³/h (1012cfm)



FANS DOOR
up to 10kW - 3135 m³/h
(1848 CFM)



COOLING IT !
new solutions from SAIFOR !



HTRD
high thermal
removal door
up to 12kW - 3390 m³/h (1994 CFM)

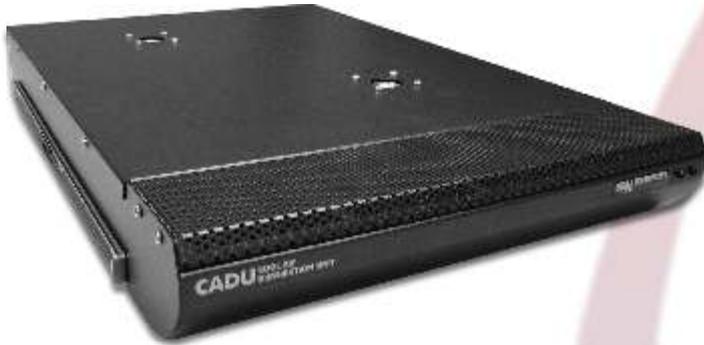


COOLING UNIT
server racks cooling system
18kW - 5250 m³/h (3088 CFM)

CADU

Cool Air Distribution Unit

1720 m3/h (1012 CFM)



Technical Specifications

Maximum air flow: 1720 m3/h (1012CFM)
 2 separate fans
 2 individual switches with two speed controls
 1 IEC connection for power supply
 ON function via LED display
 Replaceable air filter

Electrical

Power 180W
 Consumption (max. performance) 0.8A
 Input 200-277VAC
 Frequency 50/60Hz
 IEC input connections

Dimensions, Weight and

Finish:
 Height 2U
 Depth 680mm
 Width 450mm
 Weight 11kg
 Finish RAL 7021 Anthracite Grey

The new CADU or Cool Air Distribution Unit gets the most out of your existing cooling system. This air distribution unit is fitted to the two bottom units on 19" racks.

The CADU system takes the cool air from low down and moves it higher up to the front, where equipment in operation needs cool air to work efficiently. Air comes in through a replaceable air filter on the bottom.

Compatibilities:

Compatible with ARCTIC and DYNAMIC racks.
 Compatible with 800mm and 1000mm deep racks
 Compatible with the 19" standard:
 IEC 60 297/ DIN 41 494 / UNE 20 539



FANS DOOR

up to 10 kW - 3135 m3/h (1848 CFM)



The new ARCTIC DOOR FAN MODULE system allows scalability depending on cooling requirements as the equipment inside the rack is expanded.

The system consists of a base plate fitted to any ARCTIC ventilation door. This plate is the support for the scaleable installation of easy-to-fit fan modules. These modules take out the hot air inside the rack.

The system monitors the temperature by means of a digital 2-phase thermostat that also helps to minimise power consumption, as modules are divided in two switch lines.

Optional centralised control software is available to manage the temperature up to 126 units.

Compatibilities:

Compatible with ARCTIC ISP, ASP and NET racks.
 Compatible with 19" standard:
 IEC 60 297/ DIN 41 494 / UNE 20 539

Electrical Features:

Power 95W (module)
 Consumption 04A (module)
 Input 230VAC
 Frequency 50Hz
 IEC input connections

Finish:

RAL 7021 Anthracite Grey paint

HTRD high thermal removal door up to 12kW - 3390 m3/h (1994 CFM)



The **HTRD** system takes the hot air out of the rack in three possible ways: straight into the room, connected to the false ceiling via a duct branch or connected to the room's ventilation ducts.

The door features three self regulated turbines, interchangeable from outside of the door and quick to fit.

The HTRD door is fitted with an exterior display, showing the inside temperature. It also has a line of LED's showing the correct operating function and alarms.

The turbines work in a synchronised manner, with a gradual increase in the rate of extraction depending on the temperature ramp set, so allowing power consumption and noise to be minimised.

Optional centralised control software is available to manage the temperature of up to 126 units.

Technical Specifications

Maximum air flow: 3390 m3/h (1994CFM)
3 replaceable turbines
Visual alarm lights
Internal temperature display
Optional communications module + software.

Electrical:

Power 300W
Consumption (max. performance) 6.6A
Input 230VAC
Frequency 50Hz
IEC input connections

Finish:

RAL 7021 Anthracite Grey paint



COOL SYSTEM server racks cooling system 18kW - 5250 m3/h (3088 CFM)



The cooling system is a compact module which can be fitted to the side of an **ARCTIC Server rack**.

It is designed to absorb the hot air from the back of the rack, cool it and expel it at the front, where cool air is taken into the equipment installed.

Designed not to interfere with the useful space on the rack, by fitting expansion frames on the front and back.

The system is 100% compatible with the **ARCTIC range**.

The Cooling Unit is fitted with an exterior display, showing the inside temperature. It also has a line of LED's showing the correct operating function and alarms.

An external water cooler it is required, being linked up via water pipes running from the cooler to the rack cooling module.

Technical Specifications

Cooling capacity 18kW
Maximum air flow: 5250m3/h (3088CFM)
Setting and viewing display
Water cooling

Electrical:

Power 285W
Consumption (max. performance) 6.9A
Input 230VAC
Frequency 50Hz
IEC input connections

Finish:

RAL 7021 Anthracite Grey paint

ERGO-NOC

Consoles for Command Centers & Control Rooms.

Security & Control are the words that better describe the functionality of ERGO-NOC. Today, the ergonomics and vision control, plays a very important role on command centers, being the environment another key element of the installation.

With Ergo-noc consoles, we offer a high technical solution to create the ideal space for operative centers 24 hours a day, 365 days a year. This complete solution considers all relevant points in a control center, starting from the controllers layout and the the equipment, like Videowalls, workstations, 19" equipment and finishing with all the structured cabling, always hidden and accessible.



security **air traffic control**
financial **road & railways traffic management**
command & control rooms
broadcasting





Based on the last European trends for ergonomics in working environments, ERGO-NOC follows the premises stating the cost of a bad working position, like fatigue, pains of the back, blocked veins, sleepy feeling... and its cost resulting from sickness. With this ergonomical solution, we reduce these costs, the lack of operativity, and improve the results and concentration. On the other hand, an Operative, Functional and Smart control room is the image of such a technical product.



new website

Don't forget to visit our new website with a fresher image and discover the new product releases. A helpful tool to find the best product for your needs.

launching day: 18/Nov/2006

www.saifor.com



Would you like to be a SAIFOR partner

We are looking for dealers & strategic partners in any part of the world.

If you are interested, please contact our Export Department at saifor@saifor.com, or calling us at +34 937 718 338.



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