

# Datacenter Solutions

## CAN-BOREAS

The Side Cooling Rack is a direct-cooled server cabinet consisting from a lateral cooling device as an indoor unit and an AC outdoor unit . The cooling system provides energy-efficient cooling by latest inverter technology. The cooling capacity and so that the power consumption adapt to the actual costs incurred heat load. The Side Cooling Rack has close loop system, thus, there is no air leakage between internal air and room air. The noise level is due to the extremely quiet internal side cooling unit is very low and is only about 48 dB(A). These values are below the usual noise in offices. The preparation and installation of the product is very simple. The outdoor unit can be mounted to a facade wall , placed on a flat roof or on the ground. The Side Cooling Racks cooling capacity is available in range between 2,9 kW and 17 kW. The internal side cooling unit blows cold air into the front of the 19" mounted devices and collects the hot air from back. Blank (unused) units should be closed with a 19 " blanking panels in order to prevent the cold air short-circuit. The internal side cooling unit has a condensate water pan. Condensed water is collected in the pan, and drained away by drainage hose (customer supplied).

### Technical Features

<b>Material</b>	Frame; Anodized aluminum extrusion profiles. Other parts : 1,2 and 2 mm steel
<b>Color</b>	RAL 7035 or RAL 9005
<b>Compliance</b>	RoHS, UL Certified
<b>Maximum Static Load</b>	Up to 2000 kg.
<b>Finish</b>	Doors, side panels, top and bottom covers: Electrostatic Powder Paint,19" mounting rails: Zinc-plated
<b>Related Accessories</b>	Cable Organizer Blanking Panels Cable Channels

### Standard Configuration:

- ✓ Front door with safety glass
- ✓ Solid Side Panels with cylindrical locks and latches
- ✓ Solid Rear Panel with cylindrical locks
- ✓ Internal top sheet with 3 cable entry and fan cut-outs
- ✓ 2 Pairs of depth adjustable heavy duty 19" Mounting Rails
- ✓ 2 Pairs of Adjustable Feet
- ✓ Front Door with swing-handle single point lock
- ✓ Color RAL 7035 or RAL 9005
- ✓ RoHS compliant, UL and Gost-R Certified
- ✓ Bottom sheet is not included



Cold & Hot Air Circulation

### Order Information

Height U	Outer Width (W) mm	Outer Depth (D) mm	Outer Height (H) mm	Inner Width (w1) mm	Inner Depth (d1) mm	Inner Height (h1) mm	19" Rails Adjustable Depth Range (c)	Weight kg	Part No
36U	800	1000	1900	703	950	1765	129 - 829	111,45	CPS-X-3680A
42U	800	1000	2033	703	950	1898	129 - 829	117,28	CPS-X-4280A
42U	800	1200	2033	703	1150	1898	129-1029	135,40	CPS-X-4282A
47U	800	1000	2255	703	950	2120	129 - 829	126,71	CPS-X-4780A
47U	800	1200	2255	703	1150	2120	129-1029	144,31	CPS-X-4782A