



Arctic  
Bunker<sup>by CDP</sup>

INTEGRATED SOLUTION, EFFICIENT & SAFE.



## AB24U-25KWTRK

ENCLOSURE  
SELF-CONTENT MDC



# AB24U-25KWTRK



## ALL IN ONE COOLING

- > Cooling capacity range of 2.5 kW.
- > Does not require external installations or connecting pipes.

## SMART PDU

- > Rack PDU output 8 NEMA 5 R15 or IEC13.



## MONITORING

- > Metrics and management of humidity, temperature, liquid, smoke, door opening and closing sensors, UPS, Air Conditioning, PDU.
- > Android platform.
- > 10" Color display.

## FIRE PROTECTION

- > Detection, alarm and fire extinguishing with aerosol agent, ecological, compliance with NFPA 75 and 76.



## ENCLOSURE

- > Steel cabinet with oven paint, IP4X (ext) grade 9 layers in 19" format EIA310 standard.
- > Maximum load capacity up to 1,500 Kgs / Rack.
- > Customization for special projects. (\* according to the number of units).
- > Downstream air flow management of up to 800 M3 / hrs.



## POWER

- > 63 amp max power module.
- > UPS from 1 to 3 kVA. 120 V or 220 V.
- > 120V or 220V operating voltage.

## ACCESS CONTROL

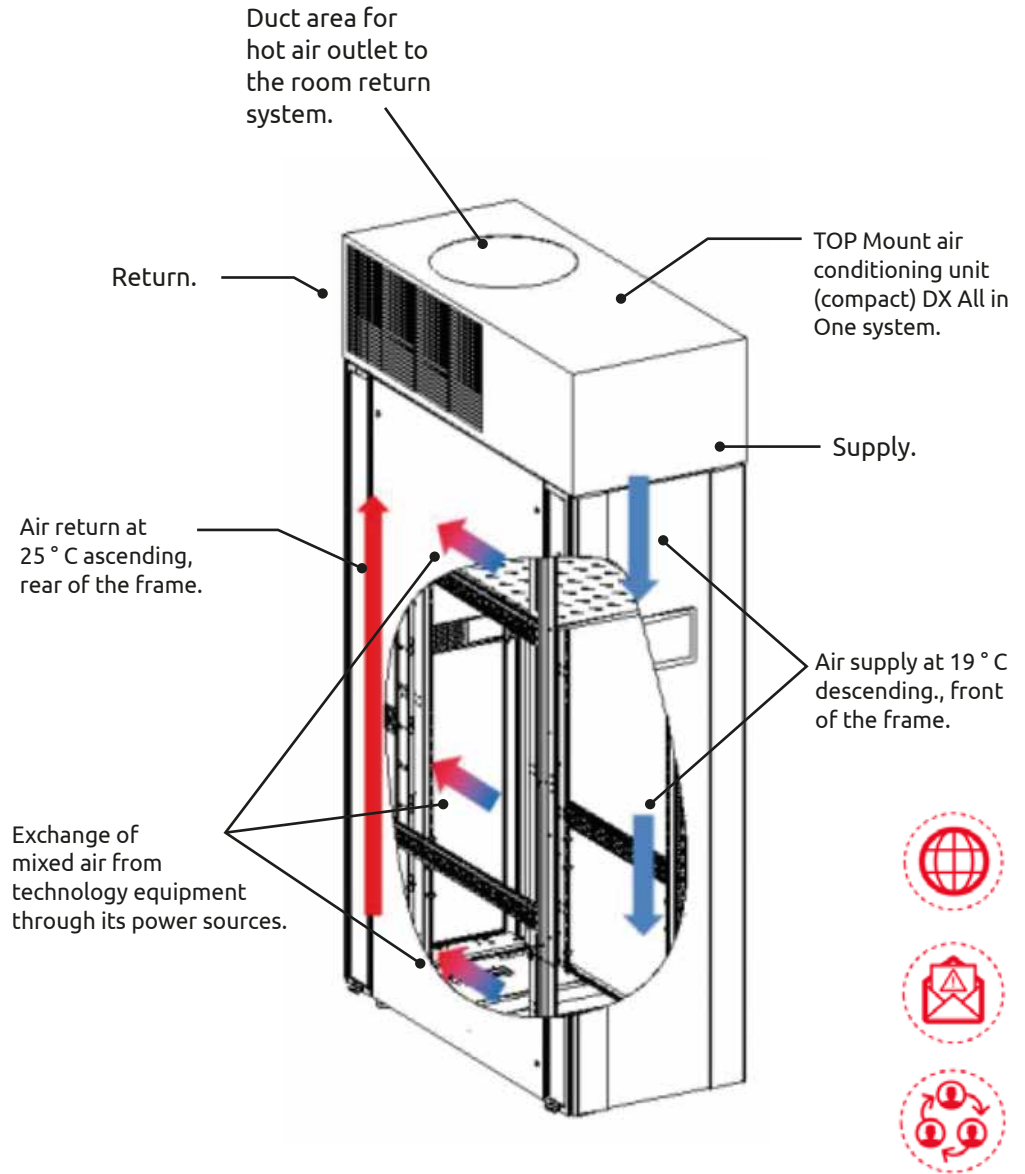
- > Authentication: biometric / PIN / ID Card.
- > IP grade IP5X, Registration up to 500 fingerprints, speed <0.5 sec.



# AB24U-25KWTRK

Key Features	<p>Maximum IT power load Power input Noise level PUE (Cat 1) Area Requirement Warranty Available rack units</p>	<p>2.5 kW 120V - 220V / 1Ph - 2Ph / 60 Hz / N, PE &lt; 50 dBA Indoor equipment, does not include external condenser 1.6 (measured at the UPS output) Grounding system maximum value 5 Ohm. It does not require raised floor 2 Years (all parts against manufacturing defects) 19 Racks units</p>
PDM	Power distribution module	Type 19" 3 RU, Voltage 208/120V 1 Ph ~ 3 Ph, 50~ 60Hz, Protection: Terminal Block 63A máx. (22kW), TVSS visual inspection UC = 175V, Breaker 3 phases 63 Amp
Enclosure	<p>Dimension IP Protection Load capacity lights Color Doors</p> <p>Reels &amp; tray</p>	<p>24 RU, 1590 mm height x 600 mm width x 1100 mm depth IP 42 Self contained sealed type cabinet 1.500 pounds, EIA 310-D / RoHS / CE / TÜV LED front and rear lighting Industrial powder textured paint (Dipcoat-primed), Pantone Black U color One (01) cristal door front &amp; Two (02) metallic sheet rear, electromagnetic lock</p> <p>4 X mounting standar 19" / 4 X high resistance - 4 X M12 adjustable</p>
Cooling (compact unit)	<p>Type Air volumen Power input Total capacity cooling Power consumption Noise level Fan Compressor Expansion valve Return air Weight Refrigerant</p>	<p>Top Mount (Top on Rack) DX Compact 800 m3/h 120V - 220V / 1Ph - 2Ph / 60Hz / N, PE 2.5 kW 5.5 Amperes &lt; 50 dBA Electronically Commutated (EC) Inverter (Panasonic) Electronic expansion (EEV) Requires duct for hot air conduction 50 Kgs HFC R410A ODP</p>
Monitoring	<p>Hardware Interface (HDMI) Remote warning &amp; notification Sensor</p> <p>Management</p>	<p>0 RU Rear left door 10 "Color touch screen, English, Android OS Industrial Systems SNMP &amp; Email messages Leak Detection (1), Smoke Detection (1), Temperature (1), Relative Humidity (1), Door Closed &amp; Open Monitoring of the Electric Power System, Air Conditioning, Fire Protection, Doors &amp; Access Control (Android Industrial OS)</p>
Accessories (optional)	<p>Communication Features Network Standard Ports Input voltage Switch type Transmission rat Make model Type Connector Certification Weight</p>	<p>Full-Duplex &amp; Half-Duplex VLAN support IEEE802.3, IEEE 802.3u, IEEE 802.3 ab, IEEE 802.3x 16 100-206V~50/60Hz Gigabit Switch 10/100/1000Mbps Mercury / SG116D Desktop Steel Rack Switch RJ45 3C 1.7 Kgs</p>

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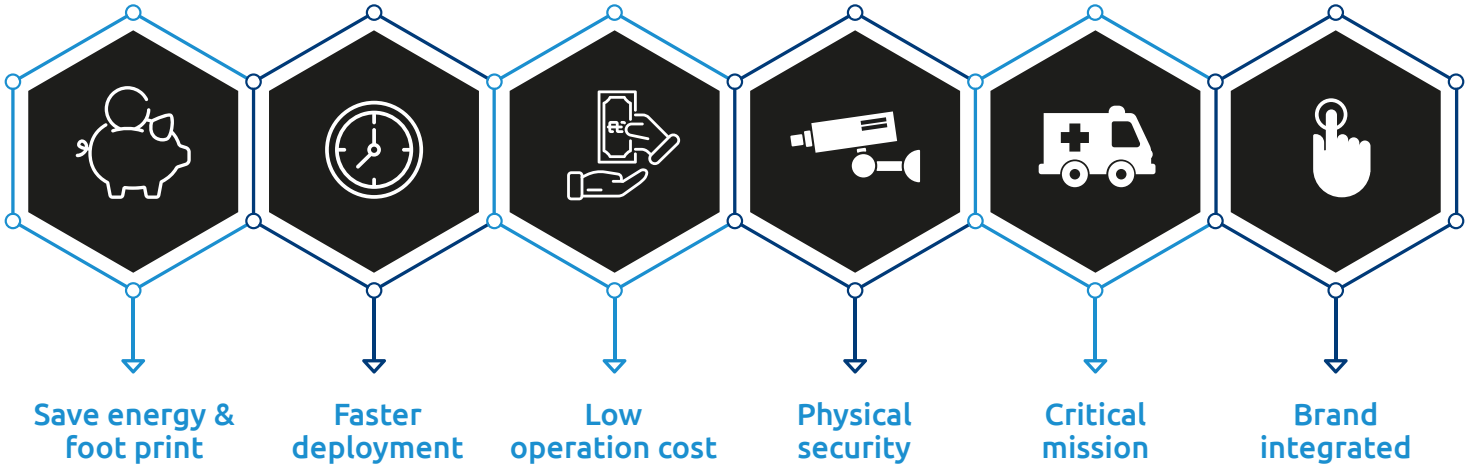


## (19RU Available) AC on top 2.5 kW



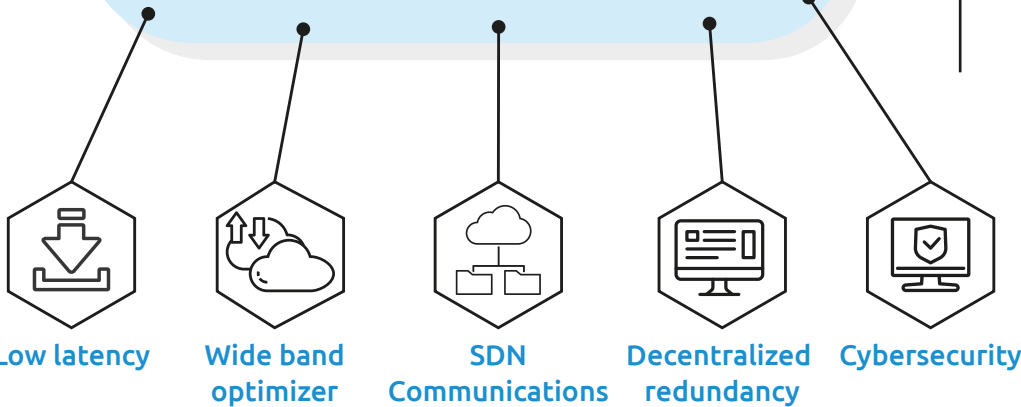
# AB24U-25KWTRK

## GREAT ADVANTAGES



## Edge Computing

Advanced technology with critical support, on-site and remote maintenance with 7x24x365 SLA



## APPLICATIONS

- Retail
- PYME
- Hotels
- Health
- Security
- Gaming
- Data Mining
- Cripto currency
- Edge Computing
- Hybrid Cloud
- Digital certified
- Industrial
- Disaster recovery



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ENERGY

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# Integrated Solutions

## Save energy / Effective backup

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# Arctic Bunker

by CDP®

INTEGRATED SOLUTION, EFFICIENT & SAFE



Plug&Play



ENERGY  
Efficient

Modbus

MQTT

ASHRAE  
BACnet®