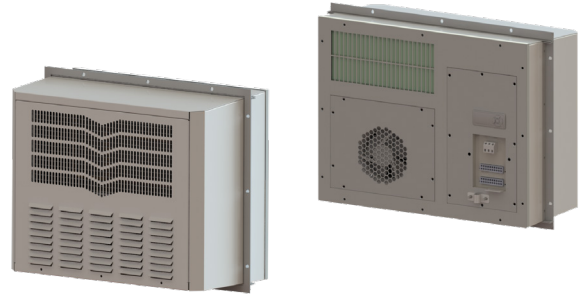


VAK DC 400 SLIM

DC air conditioner designed for optimal cabinet footprint on telecom sites



MAIN FEATURES

- Cooling performance range: 250-500W
- Equipped w/ advanced controller platform
- Eco-friendly refrigerant CFC-free R134a
- Lightweight for easy handling and transport
- Designed for configuration and added features

STANDARDS

- IP65 (IEC60529)
- CE, UL/cUL
- NEMA-3R
- RoHs/REACH/CLP
- Telcordia GR-487 capable

OPTIONAL FEATURES

- Compressor Heater Package
- Enclosure Heater Package
- Material: SGCC, Aluminium, Stainless Steel
- External or Built-In Condensate Evaporator
- Flanges for partial recess-mounting
- Self-test functionality
- Recessed mounting
- Several colours and finishes

UNIT DESIGN

- Aluzinc Steel
- Powder-coated in RAL 9016
- Louver in front of external fan
- Designed for easy service and maintenance
- External mounting

CONTROLS

- Cooling capacity regulation
- Cyclic off-grid application w/ battery-power backup
- Optimised for hybrid sites
- Password protected set-point adjustment
- User-friendly interface w/ display

VAK DC 400 SLIM

Technical specifications

STANDARD CONFIGURATION

Epoxy Coated condenser coil	Rotation function between lead/lag units
Ethernet communication interface	Sand trap
Standard configuration for cold weather package	Smoke detector input and control logic
Door contact input and control logic	Shock and vibration capable ISTA-3B
LVD and HVD protection function	

DIMENSIONS

Height	mm	380	inch	15.0
Width	mm	483	inch	19.0
Depth	mm	230	inch	9.1
Weight	kg	17.0	lbs	37.0

ELECTRICAL DATA

Voltage (Nominal)	V	48 DC
Voltage (Operating range)	V	42-60 DC

CURRENT

— Starting	A	5.0
— 35°C/35°C - 95°F/95°F	A	2.5
— 55°C/55°C - 131°F/131°F	A	4.2
— 35°C/55°C - 95°F/131°F	A	5.2

POWER CONSUMPTION

— 35°C/35°C - 95°F/95°F	W	120
— 55°C/55°C - 131°F/131°F	W	200
— 35°C/55°C - 95°F/131°F	W	250

CONTROLS

Temperature Control Method	Precision Temperature Control
Compressor Drive	Variable Speed
Fan Drive	Variable Speed

VAK DC 400 SLIM

Technical specifications

COOLING PERFORMANCE

Cooling capacity (Nominal)	W	400	BTU/h	1,365
COOLING CAPACITY				
— 35°C/35°C - 95°F/95°F	W	400	BTU/h	1,365
— 55°C/55°C - 131°F/131°F	W	500	BTU/h	1,706
— 35°C/55°C - 95°F/131°F	W	250	BTU/h	853
Internal airflow (Actual)	M ³ /h	200	CFM	118
External airflow (Actual)	M ³ /h	260	CFM	153

AMBIENT TEMPERATURE RANGE

Maximum	°C	+55	°F	+131
Minimum	°C	-15	°F	+5
Extended operation range	°C	-40 to +55	°F	-40 to +131

ENVIRONMENTAL INFORMATION

Global Warming Potential	GWP	1430
Ozon Depleting Potential	ODP	0
EER (L35/L35)		
— °C	W / W	3.3
— °F	W / W	11.4

REFRIGERANT

— Type	CFC-free R134a	
— Amount	g	105

NOISE LEVEL

— Day	dB(A)	60
— Night	dB(A)	55

