VHC DC
150 SLIM

DC cross flow heat exchangers
- with low power consumption.

MAIN FEATURES

Cooling performing range: 30-150 W/K / 17-83 W/F

Equipped with advanced controller platform

Closed loop heat exchangers

Temperature range: -40 to +55 ˚C / -40 to +131 ˚F

STANDARDS

IP65 (IEC60529)

Telcordia GR-487 capable

Shock and Vibration capable ISTA-3B

RoHs/REACH/CLP

Fire resistance UL 94V

OPTIONAL FEATURES

Material: SGCC, aluminium, stainless steel

Several colours and finishes

NEMA 4 Rating

Customer control parameter settings

Self-test functionality

Recessed mounting

UNIT DESIGN

Aluzinc Steel

Powder-coated in RAL 9016

Epoxy coated heat exchanger core

External mounting

Multiple options and configurations available

CONTROLS

Fan speed controller with alarm output

RS485 communication interface

Display for setpoint adjustments

Password protected set-point adjustment

User-friendly interface w/ display

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STANDARD CONFIGURATION

GR 487 Seismic Zone 4 capable	GR 487 Salg Fog Resistance Capable
Modbus communication interface	

DIMENSIONS

Height	mm	915	inch	36,0
Width	mm	455	inch	17,9
Depth	mm	320	inch	12,6
Weight	kg	37	lbs	82

Electrical Data

Voltage (Nominal)	V	48
Voltage (Operating range)	V	36-60 DC
Current (35°C/35|95°F/95°F)	A	4,0
Power Consumption (35°C/35°C | 95°F/95°F)	W	190

Controls

Temperature Control Method	Precision Temp. Control
Fan Drive	Variable speed

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COOLING PERFORMANCE

Cooling capacity (Nominal)	W/K	150	W/F	83
Cooling capacity (15˚C temp. dif.)	W	2.250	BTU/h	7.677
Internal airflow (Actual)	M³/h	750	CFM	441
External airflow (Actual)	M³/h	750	CFM	441

AMBIENT TEMPERATURE RANGE

Maximum	˚C	-40	˚F	+5
Minimum	˚C	+55	˚F	+131
Extended operation range (min)	˚C	-40	˚F	-40
Extended operation range (max)	˚C	+55	˚F	+131

ENVIRONMENTAL INFORMATION

EER (L35/L35)		
— °C	W / W	11,8
— °F	BTU/h /W	40,4
NOISE LEVEL		
— Day	dB(A)	65
— Night	dB(A)	65

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