VHC DC 030 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	Customer control parameter settings		
Several colours and finishes	Self-test functionality		
NEMA 4 Rating	Recess Mounting		

UNIT DESIGN

Aluzinc Steel Powder-coated in RAL 9016 Epoxy coated heat exchanger core External mounting Multiple options and configurations available

CONTROLS

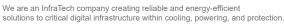
Fan speed controller with alarm output

RS485 communication interface

Display for setpoint adjustments

Password protected

User-friendly interface w/ display







VHC DC 030 SLIM

STANDARD CONFIGURATION

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

DIMENSIONS

Height	mm	602	inch	23,7
Width	mm	305	inch	12,0
Depth	mm	125	inch	4,9
Weight	kg	10	lbs	22

Electrical Data

Voltage (Nominal)	V	48
Voltage (Operating range)	V	36-60 DC
Current (35°C/35 95°F/95°F)	А	1,3
Power Consumption (35°C/35°C 95°F/95°F)	W	60

Controls

Temperature Control Method	Precision Temp. Control
Fan Drive	Variable speed



VHC DC 030 SLIM

COOLING PERFORMANCE

Cooling capacity (Nominal)	W/K	30	W/F	17
Cooling capacity (15°C temp. dif.)	W	450	BTU/h	1.535
Internal airflow (Actual)	M³/h	250	CFM	147
External airflow (Actual)	M³/h	250	CFM	147
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			7,5
— °F	BTU/h /W			25,6
NOISE LEVEL				
— Day	dB(A)			65

dB(A)



65

— Night