

APS Controller



nVent RAYCHEM APS are a range of energy efficient control units for snow melting and gutter de-icing applications. Operating at various voltages, they can be used to control single heat tracing circuits or switch multiple circuits through a contactor.

FEATURES

Simple and fast to install and operate

Energy saving, with capability for 6 snow sensors (GIT-1, CIT-1 or SIT-6E sensors, any combination)

Adjustable hold-on timer continues heater operation for up to 10 hours after snow stops, to ensure complete melting

Building Management System (BMS) connection and alarm contacts for remote alarm function

Reliable during long life: 2 year product warranty available, maintenance free

SPECIFICATIONS

IP Rating:	3R
Adjustment Range, Frost Protection:	4 – 32 °C
Temperature Sensor Input Quantity:	6
Depth:	167 mm
Height:	232 mm
Width:	292 mm
Material:	Polycarbonate

Table 1/1

Catalog Number	Item Name	Supply Voltage	Supply Voltage Type	Current Rating	Ground-Fault Equipment Protection
P000000781	APS-3C-120V	120 V	Single-Phase	24 A	No
P000000782	APS-3C-208/240V	208 – 240 V	Single-Phase	24 A	No

Catalog Number	Item Name	Supply Voltage	Supply Voltage Type	Current Rating	Ground-Fault Equipment Protection
P000000783	APS-4C-208/240V	208 – 240 V	Three-Phase	50 A	Yes
P000000784	APS-4C-277V 1P	277 V	Single-Phase	40 A	Yes
P000000785	APS-4C-277/480V	277 – 480 V	Three-Phase	50 A	Yes
P000000786	APS-4C-600V 3P	600 V	Three-Phase	50 A	Yes

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

North America

Tel +1.800.545.6258
Fax +1.800.527.5703
thermal.info@nvent.com

Europe, Middle East, Africa

Tel +32.16.213.511
Fax +32.16.213.604
thermal.info@nvent.com

Asia Pacific

Tel +86.21.2412.1688
Fax +86.21.5426.3167
cn.thermal.info@nvent.com

Latin America

Tel +1.713.868.4800
Fax +1.713.868.2333
thermal.info@nvent.com

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