

AVPMS-C PBU Ambient Vaporiser

Process Conditions	
Fluid(s)	LOX/LIN/LAR
Design Temperature	-195.5°C to +65.5°C (-320°F to +150°F)
Design Pressure	50 barg (725 psig)
MAWP	50 barg (725 psig)

Wind/Seismic requirements	
Wind load	ASCE 7-95. 56 M/S
Seismic load	UBC 97 Zone 4

Construction	
Model number	AVPMS-C
External heat transfer area, m ² (ft ²)	27.1(292)
Number of extrusions	6
Length of single extrusion, m (ft)	3.05 (10)
Flow pass config (parallel x series x inlet hdr)	6 x 1 x 1
Hydraulic diameter, mm (in)	10.92 (0.43)
Fin spacing - center to center, mm (in)	235 (9.25)
Length x Width x Height, mm	878 x 578 x 3529
Tare weight, kg (lb)	136 (300)

Materials	
Pressure retaining parts	Stainless Steel
Frame and supports	Aluminium
Inlet connection	1" (DN25) BSPT Female
Outlet connection	1" (DN25) BSPT Female

Code requirements	
AP specification	4WEQ-1405
Design code	ADM-Group II., OF SECT. 1, PAR. 8
Manufactured to PED and CE marked	

Cleaning requirements	
Cleaning requirements	APCI 4WPI-SW70003

