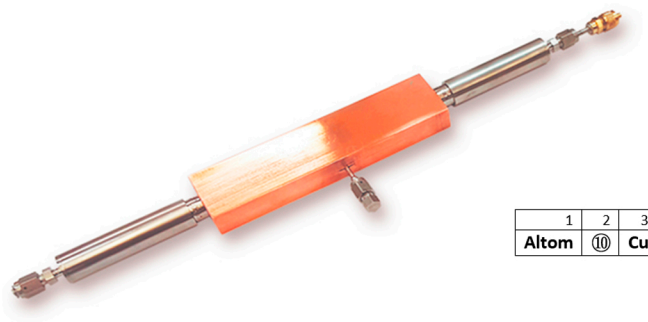
all about thermal management

Allatherm Modular Evaporator Labeling

Allatherm Modular Evaporators are labeled with a product code. The code describes the evaporator configuration and materials of construction. The first 13 positions of the code describe the base configuration. The remaining positions in the code describe the discretionary features.

Evaporator Code Example 1: **Altom⑭SS-1SL.Lp.2cc.FiSo.(40x160)-HP.FI07**

1	2	3		4	5	6		7			8			9		10				11			12		13			14		15
Altom	**⑭**	**SS**	**-**	**1**	**S**	**L**	**.**	**L**	**p**	**.**	**2**	**cc**	**.**	**F**	**i**	**S**	**o**	**.**	**(**				**40**	**x**	**160**	**)**	**-**	**HP**	**.**	**FI07**

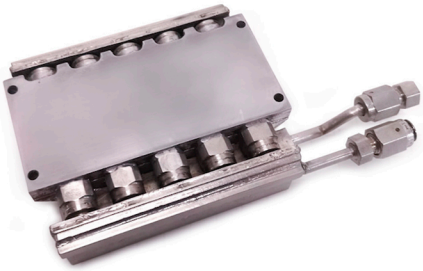


Evaporator Code Example 2: **Altom⑩Cu-3SL.Lp.2cc.Sio.(3bx13x52)-DM04**

1	2	3		4	5	6		7			8			9		10				11			12		13			14		15
Altom	**⑩**	**Cu**	**-**	**3**	**S**	**L**	**.**	**L**	**p**	**.**	**2**	**cc**	**.**	**S**	**i**		**o**	**.**	**(**	**3**	**b**	**x**	**13**	**x**	**52**	**)**	**-**			**DM04**

Evaporator Code Example 3: **Altom⑩SS-5SP.Cp.7cc.Sio.(100x50)**

1	2	3		4	5	6		7			8			9		10				11			12		13			14		15
Altom	**⑩**	**SS**	**-**	**5**	**S**	**P**	**.**	**C**	**p**	**.**	**7**	**cc**	**.**	**S**	**i**		**o**	**.**	**(**				**100**	**x**	**50**	**)**				



Evaporator Description:

1	Evaporator Type	Altom; Altom-C
2	Series Modifier	Series number corresponds to wick diameter in mm: ⑩=10mm; ⑭=14mm
3	Evaporator Casing Material	SS=Stainless Steel; Cu=Copper; Ti=Titanium;
4	Number of Altom Modules	From 1 to 10 units in standard configuration
5	Design Modifier	S=Standard; C=Custom made
6	Orientation of Modules and Compensation Chambers	P=Parallel; L=Linear; PL=Mixed
7	Layout of Modules and Compensation Chambers	L=Low profile (Lp); C=Compact profile (Cp); M=Mixed layout/profile (Mp)
8	Number of Compensation Chambers	From 1 to 20 compensation chambers (cc) in standard configuration
9	Liquid Input Port Orientation	F=Front; T=Top; B=Bottom; S=Side input (i) port
10	Vapor Output Port Orientation	F=Front; T=Top; B=Bottom; S=Side output (o) port
11	Number of Interface Blocks (Saddles)	None, if only one block (b) is presented; from 2 to 10 in standard configuration
12	Width of Interface Block (Saddle)	Width of interface area in mm
13	Length of Interface Block (Saddle)	Length of interface area in mm
		The Block (Saddle) width is measured in the direction perpendicular to Altom Module and the length is in the direction parallel to Altom Module
14	Performance Optional Features	HT=high temperature; HP=high performance; CRY=cryogenic, etc.
15	Supplementary Information	Project Number; Customer reference number, etc.

"Allatherm"
Pulka str. 3, Riga, Latvia, LV1007,
VAT LV40103858706

Tel. +37129225267
email: info@allatherm.com
web: www.allatherm.com