ASHCROFT®
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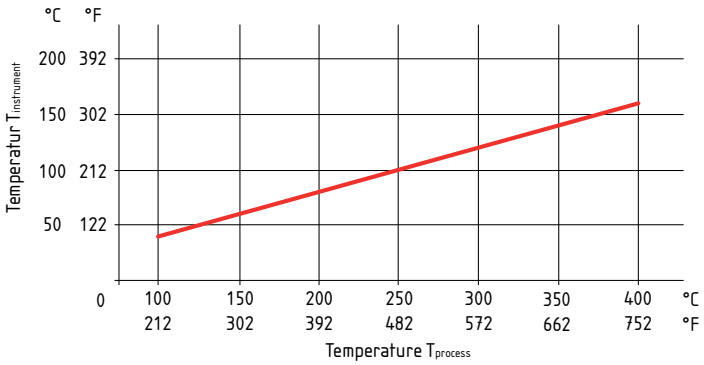
Cooling element for pressure instruments

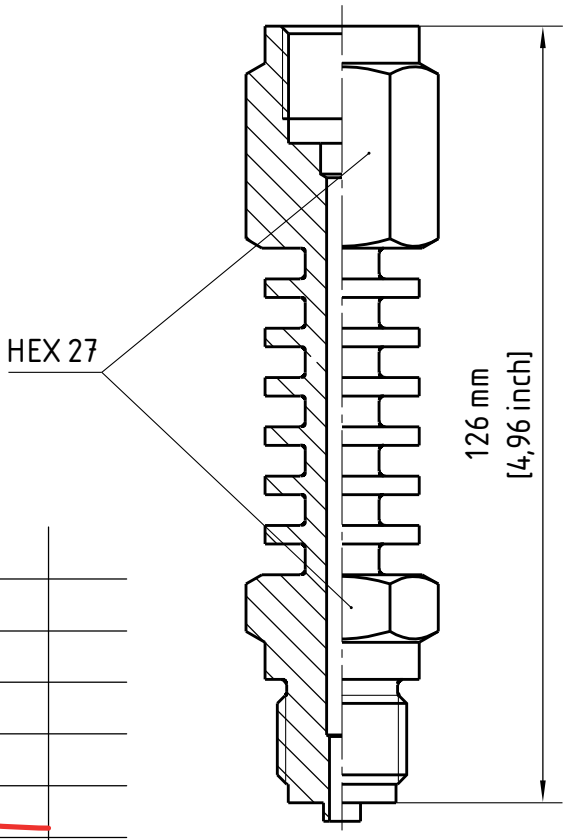
The cooling element is used to reduce high process temperature in front of a pressure measurement device. It is recommended for 100 °C and above. Its performance is influenced by ambient temperature and convection cooling condition.

Temperature reduction
at 20 °C (68 °F) ambient

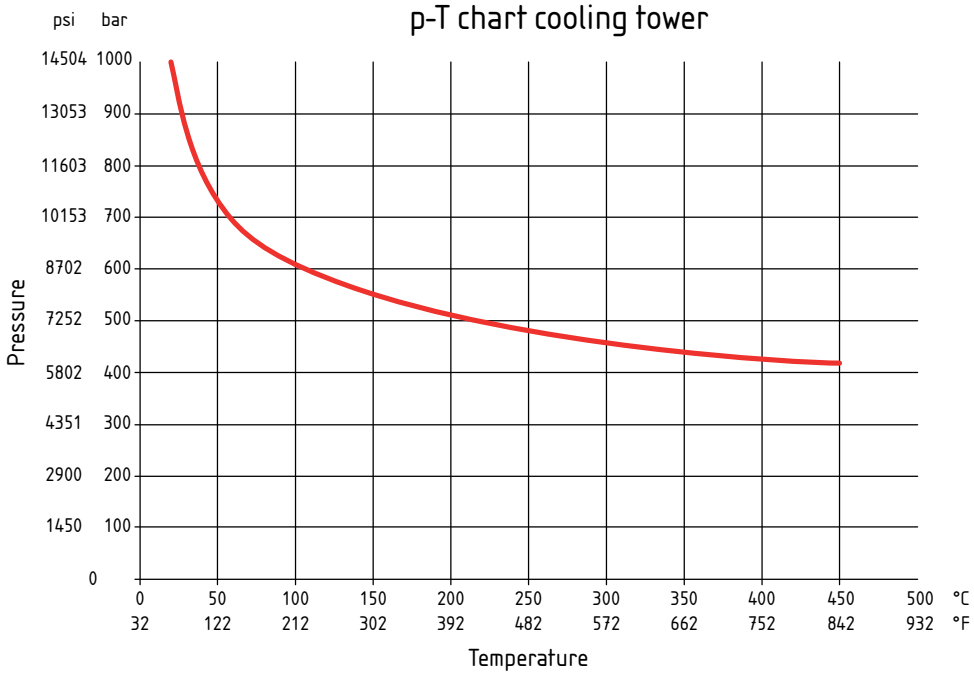


SPECIFICATION

Material:	Stainless steel 316L (1.4404) Monel 400 (2.4360) Hastelloy C-276 (2.4819)
Process connection:	All common sizes G ¼ B male, G ½ B male, ¼ NPT male, ½ NPT male, ¾ NPT male, M20x1,5 male others on request
Instrument connection:	All common sizes G ¼ female, G ½ female, ¼ NPT female, ½ NPT female, ¾ NPT female, M20x1,5 female more on request



p-T chart cooling tower



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ORDERING CODE	Example:	G12M	COOLR	SS	G12F	126	X	C3
Process Connection								
G14M	G ¼ B male							
G12M	G ½ B male	G12M						
N14M	¼ NPT male							
N12M	½ NPT male							
N34M	¾ NPT male							
M20M	M20x1,5 male							
Model								
COOLR	Cooling element		COOLR					
Material								
SS	Stainless steel 316L (1.4404)			SS				
P	Monel 400 (2.4360)							
H	Hastelloy C-276 (2.4819)							
Instrument Connection ***(no cross type mixing with process connection threads admissible)***								
G14F	G ¼ female							
G12F	G ½ female				G12F			
N14F	¼ NPT female							
N12F	½ NPT female							
N34F	¾ NPT female							
M20F	M20x1,5 female							
Length								
126	126 mm					126		
Additional options							X	
Assembly								
DU	Accessory welded to instrument							
MO	Accessory assembled to instrument							
Cleaning								
YF	Cleaned silicone free product							
Marking And Tagging								
NH	Stainless steel tagging wired *(Information is required by the customer)*							
Material Certificate								
CD2	Certificate according to EN 10204 2.2							
C3	Certificate according to EN 10204 3.1							C3
CD5	Certificate according to NACE for Oilfields MR0175 / ISO 15156-2015 and for Refineries MR0103 / ISO 17945-2015							
MQ	Positive material certificate (PMI)							
Test Certificate								
HY	Hydrostatic pressure test according DIN EN 10204/3.1							

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