

REMOTE COMPENSATOR

MODEL: 5109 - RC

Revision: 0

BULLETIN
5109

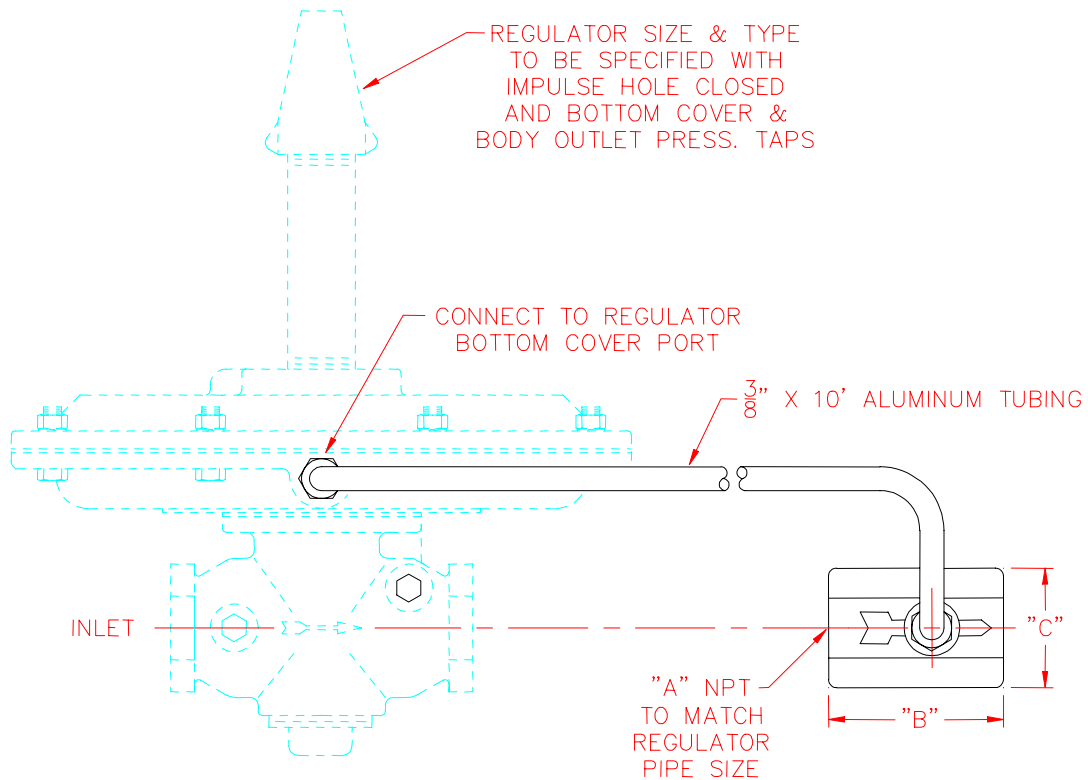
DESCRIPTION

High ambient temperature areas or inaccessible mixer locations may require long pipe runs from the regulator to the mixers. Decreased capacity, delayed response, and adverse pressure losses often result from these long pipe runs. In these cases a Remote Compensator is recommended.

The Remote Compensator is a cast section that incorporates the patented flow corrector section of the regulator body. The impulse

hole of the regulator is closed at the factory and the lower diaphragm chamber is connected to the Remote Compensator. The pressure downstream of the Remote Compensator is the same as would normally be expected from standard units. The Remote Compensator pipe size is the same as the basic regulator. Expanding couplings are assembled on the outlet of the Remote Compensator to reduce piping pressure losses.

DIMENSIONS



Model Number	"A" NPT	B	C
5109- 6-RC	3/4"	2-3/4"	1-5/8" Hex
5109- 8-RC	1"		
5109-12-RC	1-1/2"	4"	2-5/8" Hex
5109-16-RC	2"		
5109-20-RC	2-1/2"	3-1/8"	3-1/4"
5109-24-RC	3"	3-1/4"	4"
5109-32-RC	4"	3-1/2"	5"

APPLICABLE FOR THE FOLLOWING REGULATORS:

1. BZR, BZR-300°
2. BZR-B, BZR-B-300°
3. BRR, BRR-300°
4. SR, SR-300°

CAUTION: Operation of combustion equipment can be hazardous resulting in bodily injury or equipment damage. Each burner should be supervised by a combustion safeguard and only qualified personnel should install, make system adjustments and perform any required service.



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NOTICE: PYRONICS practices a policy of continuous improvement in the design of its products. It reserves the right to change the specifications at any time without prior notice.