

# Savings

## Reduce Your Gas Blanketing Expense with Fisher Regulator Low-setpoint Technology.

		Effective Size of the Escape Path*			
		1/4" (6.4 mm)	1/2" (12.7 mm)	3/4" (19.1 mm)	1" (25.4 mm)
Tank Pressure in Inches w.c.	1/4"	\$0	\$0	\$0	\$0
	1/2"	\$225	\$899	\$2,023	\$3,596
	3/4"	\$397	\$1,589	\$3,575	\$6,356
	1"	\$543	\$2,171	\$4,884	\$8,683
	2"	\$992	\$3,969	\$8,931	\$15,877
	7"	\$2,330	\$9,319	\$20,967	\$37,275

\* The effective size of the escape path is based on single or multiple escape paths that may include pinprick holes from a slightly corroded roof, poorly seated vents, etc.

### Nitrogen Costs When Higher Setpoints are Used

#### Easily Reduce Blanketing Gas Losses.

Plant utility managers, tank farm managers and those with storage vessel maintenance responsibility can easily reduce their gas blanketing expense by using low-setpoint technology.

Fisher low-setpoint tank blanketing regulators allow storage vessel operators to maintain a 1/4-inch water column (w.c.) (0,6 mbar) for blanketing gas. Such low blanketing pressures minimize blanketing gas losses by reducing the volume of gas being forced through poorly sealed breather vents and incidental escape paths. The cumulative effect of using Fisher's low-setpoint technology can result in significant savings.

#### Easy to Install. Easy to Maintain.

Fisher Controls tank blanketing and vapor recovery systems offer capabilities no other single regulator manufacturer can offer. The low-setpoint systems are easy to install, easy to maintain (if any maintenance is necessary) and are available in sizes with trim materials to match your storage vessel application.

#### Typical Annual Expenses Calculated.

The above table demonstrates the typical incremental annual expense of nitrogen lost when setpoints above 1/4-inch w.c. (0,6 mbar) are used. The Universal Sizing Equation was used to compute the amount of gas lost. To estimate the expense of the annual gas loss, nitrogen was conservatively estimated at \$2.00/1,000 scf and validated with a major nitrogen supplier.

For more information regarding this potential money-saving technology:

1-800-558-5853  
 Outside U.S. 1-972-542-0132  
 Fax 1-972-547-3736  
 e-mail: [fisher.regulators@emersonprocess.com](mailto:fisher.regulators@emersonprocess.com)

or visit our websites:  
[FISHERregulators.com](http://FISHERregulators.com)  
[TOTALtankmanagement.com](http://TOTALtankmanagement.com)



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