

# Natural Gas Applications

Advanced Air System Technology™

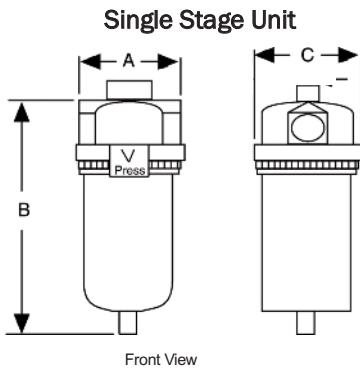


Reading Technologies, Inc can solve many applications found within the natural gas industry. Natural gas applications require clean, contaminant-free air. RTI can deliver the driest and cleanest gas possible due to its patented *Inverse Flow™* filter design.

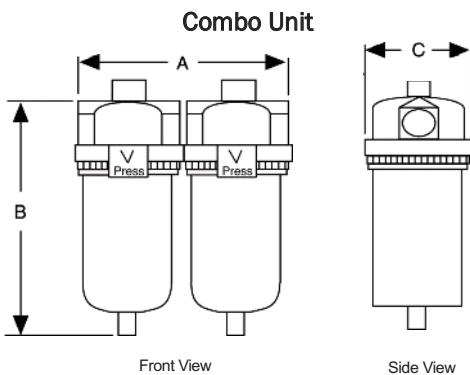
Pressures up to 500 PSI with rugged metal bowl design and easy spin-on/spin-off elements with manual drains. The Eliminex™ filters rated to 3 micron and the coalescer filters are rated to 0.01 micron at 99.99998%+ efficiency.

*Specified for methane or natural gas applications.*

## Eliminex™: For Water and Dirt Removal (& Oil in Combo)



Model #	Description	A	B	C
1M-175-M06-PHP	¾" 175 scfm 3 Micron	4.7	15.4	3.7
1M-175-M08-PHP	1" 175 scfm 3 Micron	4.7	15.4	3.7
1M-300-M10-PHP	1 ¼" 300 scfm 3 Micron	6.0	33.0	5.7
1M-400-M12-PHP	1 ½" 400 scfm 3 Micron	6.0	33.0	5.7
1M-700-M16-PHP	2" 700 scfm 3 Micron	6.0	33.0	5.7
1M-1200-M24-PHP	3" 1200 scfm 3 Micron	8.0	39.5	7.3



## Coalescer: For Light Water, Light Dirt and Oil

Model #	Description	A	B	C
3C-150-M06-PHP	¾" 150 scfm 0.01 Micron	4.7	15.4	3.7
3C-150-M08-PHP	1" 150 scfm 0.01 Micron	4.7	15.4	3.7
3C-300-M10-PHP	1 ¼" 300 scfm 0.01 Micron	6.0	33.0	5.7
3C-400-M12-PHP	1 ½" 400 scfm 0.01 Micron	6.0	33.0	5.7
3C-700-M16-PHP	2" 700 scfm 0.01 Micron	6.0	33.0	5.7
3C-1200-M24-PHP	3" 1200 scfm 0.01 Micron	8.0	39.5	7.3

### Specifications:

Port Sizes	¾", 1", 1 ¼", 1 ½", 2", 3"
Port Type	NPT
Flow Capacity	x SCFM @ 100 PSI (see table)
Housing Type	High Pressure Aluminum
Maximum Temp. & Pressure	150°F, 500 PSIG
Filter Capacity	1M: 3.0 micron, 3C: 0.01 micron @ 99.99998%
Differential Press	1M: <1 PSID 3C: < 2.5 PSID

## Eliminex & Coalescer Combo: For Water, Dirt, & Oil

Model #	Description	A	B	C
1M-150-M06-DCHP	¾" 150 scfm 3 micron/0.01 Micron	10.2	15.4	3.7
1M-150-M08-DCHP	1" 150 scfm 3 micron/0.01 Micron	10.2	15.4	3.7
1M-300-M10-DCHP	1 ¼" 300 scfm 3 micron/0.01 Micron	13.0	33.0	5.7
1M-400-M12-DCHP	1 ½" 400 scfm 3 micron/0.01 Micron	13.0	33.0	5.7
1M-700-M16-DCHP	2" 700 scfm 3 micron/0.01 Micron	13.0	33.0	5.7
1M-1200-M24-DCHP	3" 1200 scfm 3micron/0.01 Micron	17.5	39.5	7.3



Reading Technologies, Inc.  
Advanced Air System Technology™

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# High Pressure/Natural Gas Applications

*Advanced Air System Technology™*

*Reading Technologies, Inc. can solve many applications found within the natural gas industry. Natural Gas applications require clean, contaminant free air. RTi can deliver the cleanest gas possible due to it patented filter design. Just another way RTi is revolutionizing the compressed air industry.*



## Eliminex Separator

*1P-060-M04-PHP*

Eliminex Separator used for removal of bulk liquid, water, and dirt. Available in sizes 1/2" through 3" NPT with flows to 1200 scfm at 100psi. High Pressure units rated to 500psi. For best performance results, replace filter elements every 6-9 months to ensure proper functioning of filter.



## Eliminex Combo for Instrumentation

*1P-060-M04-DCHP*

Eliminex Combo used for removal of sludge from instrument lines. Unit combines 3 micron coarse filtration with 0.01 micron oil and hydrocarbon final element. For best performance results, replace filter elements every 6-9 months to ensure proper functioning of filter.



## Coalescer Final Filter

*3C-060-M04-PHP*

Sensitive natural gas instrumentation is susceptible to water, dirt, and liquid hydrocarbons. This single stage coalescer offers 0.01 micron filtration for protection. For best performance results, replace filter elements every 6-9 months to ensure proper functioning of filter.



## Mainline Contamination Removal (3") High Flow

*1M-1200-M24-DCP*

Eliminex Combo used for removal of sludge from facility main lines. Unit combines 3 micron coarse filtration with 0.01 micron oil and hydrocarbon final element. For best performance results, replace filter elements every 6-9 months to ensure proper functioning of filter.



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