



# PureFlow

## Do you use performance-enhancing chemicals?

The hydrocarbon-based impurities in compressed air can play havoc with your instruments and seriously impair their performance, a costly and time-consuming business to correct. A PureFlow generator, on the other hand, will boost your instruments' performance by using its state-of-the-art catalytic technology to filter out these hydrocarbons to less than 0.1 ppm.

But that's not all. A PureFlow generator:

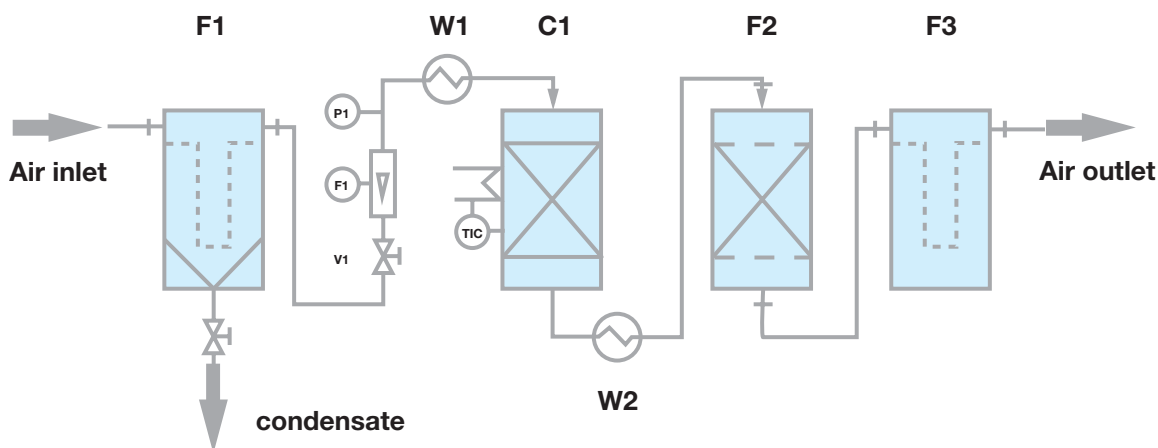
- provides you with air flows of up to 30 l/min or more
- maintains a consistent air pressure of up to eight bar
- reduces your power consumption
- eliminates the need for additional compressors or filters
- is reliable and efficient
- needs minimal maintenance
- is modular

And if you pick a wall- or bench-mounted model you will have more laboratory space as well.

Can you think of a reason *not* to have one?

# How does the PureFlow generator work?

A stream of compressed air is fed into the generator through a fine filter to remove particulate matter and the bulk of the moisture. This air stream is heated, up to 390°C, before moving onto a catalytic converter. Any hydrocarbons present are removed by the cracking process and reformed into carbon dioxide and water. The remaining hydrocarbon-free air is then cooled and passed onto the air outlet ready for use.



Model	PureFlow 2L	PureFlow 5L	PureFlow 10L	PureFlow 15L	PureFlow 20L	PureFlow 30L
Integrated compressor	No	No	No	No	No	No
Flow	2L/min	5L/min	10L/min	15L/min	20L/min	30L/min
Purity	<0.1 ppm hydrocarbon content					
Dimensions: dxwxh (mm)	450x186x260	450x186x260	450x186x260	450x186x260	450x186x260	450x186x260
Power requirements European	220/240 VAC 50 Hz 110 watts	220/240 VAC 50 Hz 110 watts	220/240 VAC 50 Hz 260 watts	220/240 VAC 50 Hz 260 watts	220/240 VAC 50 Hz 260 watts	220/240 VAC 50 Hz 260 watts
Power requirements US	110 VAC 60 Hz 220 watts	110 VAC 60 Hz 220 watts	110 VAC 60 Hz 520 watts	110 VAC 60 Hz 520 watts	110 VAC 60 Hz 520 watts	110 VAC 60 Hz 520 watts
Maximum input pressure	8 bar					

We can provide models with flows up to 80L/min as required and all models can be wall-or-bench mounted with a Space Saver Bracket. Please contact In House Gas to discuss.

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