

July 16, 2013

Re: VOC Reduction Tests on Micropure 9[®] with MX4
Matrix Report #6326-4

Sample ID:

Part #: 14013

S/N: 00122

Test Date: 7/12/13

Test Procedure:

The above referenced unit was mounted in a 4"W x 14"L Steel metal duct. 1.0 m³/min. of laboratory air was drawn through the duct with the unit operating. The air in the duct was sampled with Thermal Desorption Tubes prior to entering the unit (in) and after the unit (out) for one (1) hour. The samples were analyzed for Total VOC's (as equivalent Toluene) by Thermal Desorption GC-Fid.

Test Results:

VOC Concentration, $\mu\text{g}/\text{m}^3$	IN	712
	OUT	671
VOC Removal Rate, $\mu\text{g}/\text{m}^3/\text{min.}$		41

Respectfully submitted,



Gary E. Cude
Professional Chemist

¹⁶:

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June 21, 2013

Re: VOC Reduction Tests on Air Knight Model AK PX5 DF with IPG Air Purification Unit
Matrix Report #6326

Sample ID:

M/N: PX5

S/N: 10084

Test Date: 6/8/13

Test Procedure:

The above referenced unit was mounted in a 4"W x 14"L Steel metal duct. 1.0 m³/min. of laboratory air was drawn through the duct with the unit operating. The air in the duct was sampled with Thermal Desorption Tubes prior to entering the unit (in) and after the unit (out) for one (1) hour. The samples were analyzed for Total VOC's (as equivalent Toluene) by Thermal Desorption GC-Fid.

Test Results:

VOC Concentration, $\mu\text{g}/\text{m}^3$	IN	572
	OUT	455
VOC Removal Rate, $\mu\text{g}/\text{m}^3/\text{min.}$		117

Respectfully submitted,

Gary E. Cude
Professional Chemist

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July 16, 2013

Mr. Gregg Burnett
Dust Free, Inc.
1112 Industrial Park Drive
Royse City, TX 75189

Re: VOC Reduction Tests on Air Knight AK PX5 DF Air Purification Unit
Matrix Report #6326-2

Sample ID:

M/N: TT-AK249-V2

S/N: 00212

Test Date: 7/13/13

Test Procedure:

The above referenced unit was mounted in a 4"W x 14"L Steel metal duct. 1.0 m³/min. of laboratory air was drawn through the duct with the unit operating. The air in the duct was sampled with Thermal Desorption Tubes prior to entering the unit (in) and after the unit (out) for one (1) hour. The samples were analyzed for Total VOC's (as equivalent Toluene) by Thermal Desorption GC-Fid.

Test Results:

VOC Concentration, $\mu\text{g}/\text{m}^3$	IN	618
	OUT	569
VOC Removal Rate, $\mu\text{g}/\text{m}^3/\text{min.}$		49

Respectfully submitted,

Gary E. Cude
Professional Chemist

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