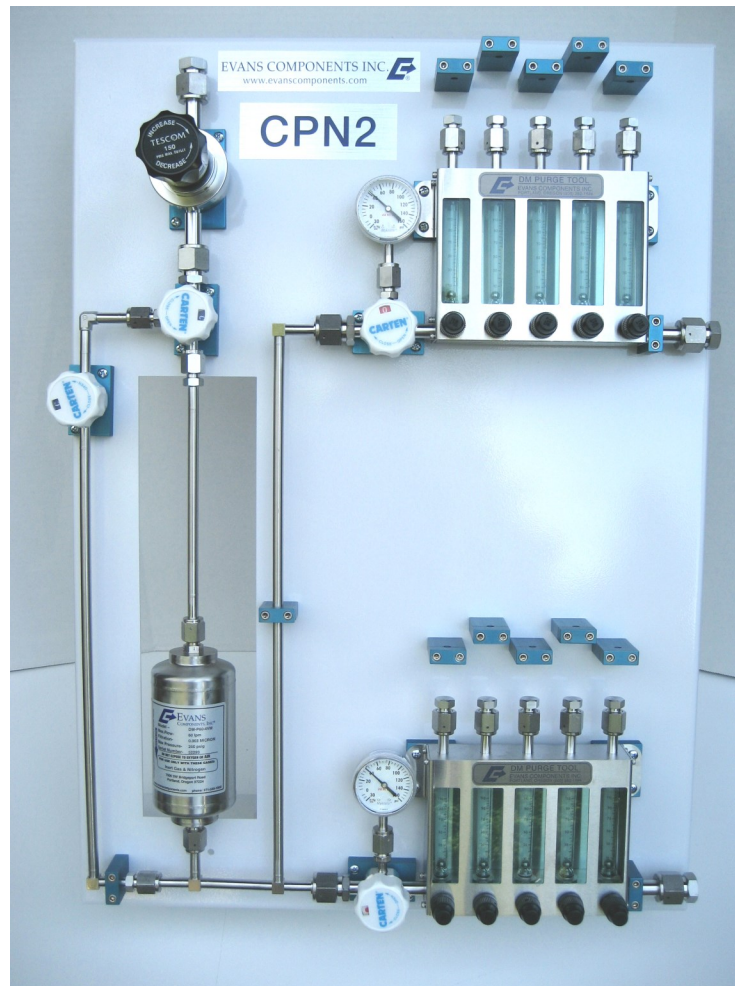


Evans DM Series

CPN2 Purge Station

Evans introduces a purge station designed for mounting onto the column in the sub-fab for use in manifolding purified utility Nitrogen for purge, blow down and line qualification. Utilizing purified utility Nitrogen as a source saves in excess of 10X cost vs. Argon. Purge stations available with 5 or 10 POC's. POU purifier/filters are offered in two sizes (see specs on page 2)



Drawings & Specifications

Important Features and Specifications

- 80% fewer mechanical/weld connections
- Elimination of NPT connections
- Guaranteed dry down to less than 10 ppb moisture
- Helium leak tested to 1×10^{-9} scc/sec
- Lower cost than conventional fabricated systems
- Custom brackets for column mounting
- UHP flow meters provide visual indication of flow
- Reduced footprint
- Two purifier/filter options

Purifier/Filter Specifications/Options

- Purification & removal capabilities: H₂O less than 1 ppbV
- Fully regenerable
- Non dangerous goods classification
- Integrated 0.003 micron metal filter

Part Number Designator (purifier)

60 - 75 SLPM max flow/10 SLPM nominal flow
7.94" (201.7) overall length, max pressure rated to 250 psig (17.3 barg).
(pictured in drawing)

300 - 300 SLPM max flow/80 SLPM nominal flow
17.6" (447) overall length, max pressure rated to 250 psig (17.3 barg)



Evans Components, Inc.

7606 Bridgeport Road

Portland, Oregon 97224

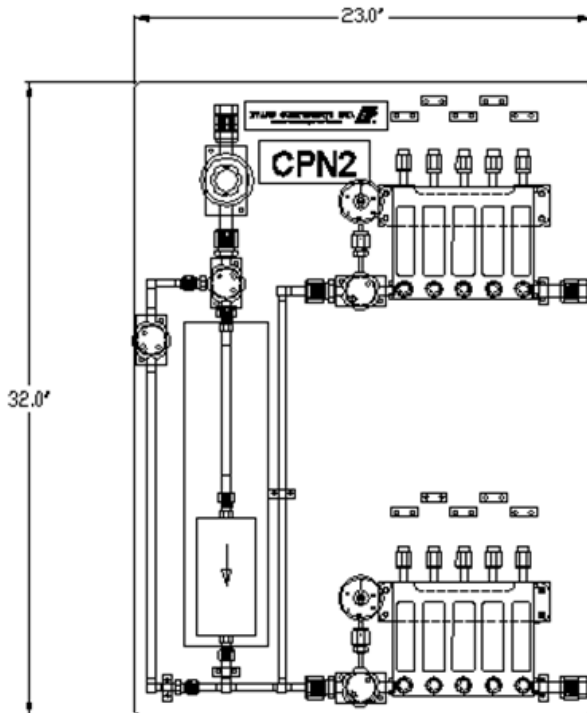
Phone: 971-249-1600

Fax: 971-249-1601

Web Site: www.evanscomponents.com

NOTE: Product availability and specifications contained herein are subject to change without notice. Consult local distributor or factory for potential revisions.

07/14



CPN2 PURGE STATION
PART NUMBER: DM-UHP-60-8VF5-2

Evans DM Series *Purge Tools*

Evans Components provides an economical, reliable and more compact solution to purge gas delivery for high-purity welding and testing in semiconductor applications. The convenient Evans Purge Tools and Purge Stations replace costly, multi-component arrays with an exclusive "integrated manifold" design. All components are integrated into a single compact, lightweight unit. The Purge Tools eliminate assembly time, reduce potential hazing and discoloration of weld zones, and improve reliability. All Evans Purge Tools and Purge Stations are cleaned for oxygen service and packaged in a clean room environment.



Features

- Lower cost than conventional stainless assemblies.
- Fewer connections and welds give unmatched leak integrity.
- Superior purgeability and improved dry-down characteristics



NOTE: Product availability and specifications contained herein are subject to change without notice. Consult local distributor or factory for potential revisions.