

TECHNOLOGY DATA SHEET

AS FEATURED ON THE VISTEON/3M PROMOTYPE VEHICLE

STRAIGHT AIRFLOW PATH (SAP) HVAC

DESCRIPTION:

Unique architecture of Heating, Ventilation and Air Conditioning module to provide high airflow from a compact package at low noise.



VALUE OPPORTUNITY

- Unique design for improved efficiency and performance helps provide opportunities for fuel economy and improves occupant comfort
- High air flow at lower noise levels
- Downsized blower motor
- Improved compactness to add more features in a given package (e.g. filter function also in recirc mode) and to provide more space (e.g. for larger glove box)

TECHNICAL BENEFITS

- Up to 4 dB(A) less noise measured in a retrofitted vehicle
- Architectural principle is flexible to allow design variations according to specific vehicle application needs (package, performance, feature content)
- Modular capability allows to design single- to quad-zone HVAC modules for feature variants across platforms
- Additional temperature zones for individual stratification possible (temperature difference of panel versus foot level)

ADDITIONAL INFORMATION

- “Additional temperature zones for stratification” - in addition to up to four main cabin zones which can be controlled individually & independently from each other, the “individual stratification” is an optional add-on feature for more individualization & personal comfort. It allows occupants to increase/decrease the temperature difference between floor and panel vents which is usually designed to be a fixed value (panel air cooler than from floor vents).
- Functional prototype available on request for demonstration

Specifications and descriptions contained in this document were in effect at the time of publication. Visteon reserves the right to discontinue any equipment or change specifications without notice and without incurring obligation.

PRODUCTION AVAILABILITY – 2011 CALENDAR YEAR

www.visteon.com

1.800.visteon

NYSE: VC

North America Contact
Wayne Schnaidt
734-710-8114
wschnaid@visteon.com

European Contact
Bertrand Stelandre
49-2273-5660300
bsteland@visteon.com

visteon.com/innovate



Target Market:

OEMs looking for multizone HVAC capability in a small efficient package. For vehicle platforms/architectures spanning economy to luxury segment or B/C segment vehicles demanding luxury features and performance with space limitations.

Initial Vehicle Segments:

Middle, Large, Luxury, CUV, SUV, Minivan

Annual Sales Potential (Based on Segments Above)*:

Approximately 1.3 million units



*Annual sales potential based on 2007 U.S. sales (Jan-Nov) and analyst Dec projections.