

TECHNOLOGY DATA SHEET
AS FEATURED ON THE VISTEON/3M PROMOTYPE VEHICLE

FLAT HVAC
(AUXILIARY MODULE)

DESCRIPTION:

Ultra-flat architecture of Heating, Ventilation and Air Conditioning Module to provide improved rear occupant comfort without penalizing cabin space.



VALUE OPPORTUNITY

- Unique compact architecture to utilize unused package locations, e.g. in or below the floor pan
- Provides additional cooling and heating comfort for rear occupants without penalizing cabin space
- Improved airflow performance for rear occupants compared to conventional vehicle solutions (single or dual HVAC systems)
- Different temperature zones to provide individual occupant comfort

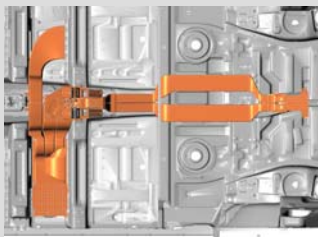
TECHNICAL BENEFITS

- Designed for use of "standard" components for cost efficiency
- 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

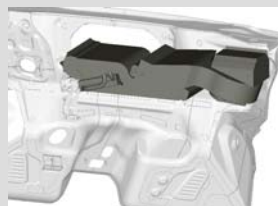
MARKET ASSESSMENT

- Multi-zone capability and design flexibility allows application within a wide range of vehicle models (2- or 3-row) and performance requirements (mid-size luxury vehicle to large size van)
- Utilization as main front unit is possible (up to 4-zones out of one HVAC module) and enables unknown cockpit designs and cabin spaciousness

Possible ducting from 2-zone Flat HVAC in rear vehicle section (feeding rear floor, B-pillar, center console and 3rd row vents)



Potential packaging of flat unit as main front unit (at partition wall)



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

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MARKET ASSESSMENT

Target Market:

OEM's wanting to maximize cabin space while still providing optimum cabin heating and cooling comfort to 2nd and 3rd row occupants.

Initial Vehicle Segments:

Large Cars, CUV's, SUV's

Annual Sales Potential (Based on Segments Above)*:

Approximately 5.3 million units

MegaTrend Categories:



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