



Hendrickson Height Control Valves and HCVs with



Height control valves manage air flow to the suspensions's air springs to maintain consistent ride height. Using an Advanced Shear-Seal ® design to ensure accurate air flow, Hendrickson Height Control Valves (HCV) deliver superior performance and durability -- especially when combined with Hendrickson air suspensions. Hendrickson's universal height control valve is adaptable to all tractor, trailer and truck air suspensions, regardless of manufacturer, model or year. Hendrickson Genuine Parts.

Hendrickson Website (<https://www.hendrickson-intl.com/PartsAndService/Trailer/Height-Control-Valves>)

HCV Brochure (<https://www.hendrickson-intl.com/getattachment/a9133373-0598-464d-b413-50b95500aed9/L1024-Height-Control-Valves-Standard.aspx,.pdf>)

Hendrickson Academy (<https://hendrickson.learn.taleo.net/login.asp?sessionid=3-53B2F810-822F-4A64-B881-3DD832A6716B&DCT=1&Icid=178412&requestedurl=learncenter.asp%3Fid%3D178412%26page%3D1&secure=true>)

## Product Highlights

Superior air flow

Outstanding ride and value

Superior performance and durability

Provides compatibility with on-board trailer weight scales

### Shear-Seal® design offers

- metal-to-metal seal
- rotor and shear-seals are the major components
- rotor is the only internal moving part
- rotor slots provide metering action for reduced air consumption
- tested to 100 million cycles

## Top Movers - Hendrickson Height Control Valves

| Item Number   | Part Description     |
|---------------|----------------------|
| HDR VS 227    | VALVE HEIGHT CONTROL |
| HDR 59935 002 | HEIGHT CTL VALVE     |
| HDR 59427 005 | HEIGHT CTL VALVE/LIN |



|               |                      |
|---------------|----------------------|
| HDR 57977 000 | LEVELING VALVE       |
| HDR 59935 013 | VALVE-HEIGHT CONTROL |
| HDR VS 22535  | 3 - WAY BALL VALVE   |
| HDR VS 25223  | VALVE                |
| HDR VS228     | HCV WITH DUMP KIT    |
| HDR VS 27116  | DIFF DUMP HCV        |

## General Product Information

To deliver the ride quality and other benefits fleets and owner-operators expect, trailer air suspension systems require precise air flow management - a key element perfected by Hendrickson's standard height control valve (HCV) and integral HCV with automatic dump valve.

Specified by trailer OEMs on new vehicles or through the aftermarket, Hendrickson's HCVs offer a choice of superb designs to keep trailers at the correct ride height. Using an advanced Shear-Sheild® design to ensure accurate air flow, Hendrickson HCVs deliver superior performance and durability. A precise, highly repeatable dead band and high air flow with a proportional response optimize ride height control to deliver superior ride quality, while prolonging air spring and shock absorber life.

Specifically designed and tested for optimum performance with Hendrickson air suspensions, our HCVs help maintain outstanding load stability over the road. In addition, Hendrickson HCVs minimal dead band and high flow rate provide compatibility with on-board trailer weight scales.

Hendrickson's HCV with integral dump features a high-flow design for rapid exhaust to save drivers time and effort as they load, unload and get back on the road. The dump valve automatically discharges the air springs with the setting of the trailer parking brake and begins to air up with the release of the brake. Integrating the dump function in the HCV eliminates components and simplifies plumbing maintenance and installation.

## Warranty Information

Hendrickson Warranty (<https://hendrickson-intl.com/CMSPages/GetFile.aspx?guid=24862039-89ba-47f4-8856-1ec875e2b7de>)

Hendrickson Aftermarket Sales Rep Map ([https://www.dtnapartscap.com/media/2340/hendrickson-aftermarket-sales-team-us-and-canada-april-2019\\_.pdf](https://www.dtnapartscap.com/media/2340/hendrickson-aftermarket-sales-team-us-and-canada-april-2019_.pdf))

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