



# VIBRATION ELIMINATORS

## How It Works

The function of a Vibration Eliminator is to absorb compressor vibration. By installing a vibration eliminator, the risk of damage to system equipment and pipework is reduced.

## Applications

A vibration eliminator can be installed in both the suction and discharge lines of air conditioning and refrigeration systems. Vibration eliminators are suitable for use with HCFC, HFC, HFO, CO<sub>2</sub>, A2L & HC refrigerants & associated oils where materially compatible.

## Main Features

- Proven Design
- Large Hose ID
- Stainless steel hose and braid
- Stainless steel ferrules for superior strength
- Helium leak tested
- CE/UKCA Cat marked
- UL listed (V series only)

## Technical Specification

Allowable Operating Pressure: As per table

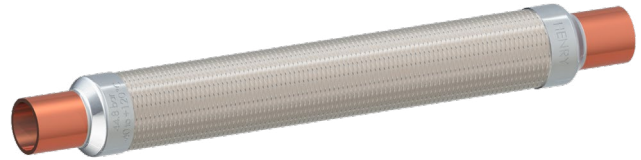
Allowable Operating Temperature: -40°C to +120°C (V & VS models)

## The V Series

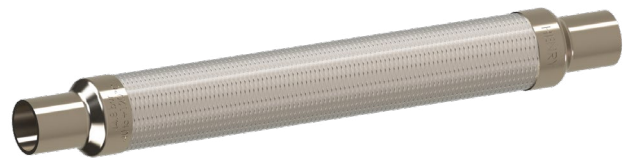
Each unit is constructed of a deep pitch corrugated hose with a stainless steel braid. The hose and braid are reinforced by ferrules at each end and connected to copper tube ends by a high temperature braze alloy.

## The VS Series

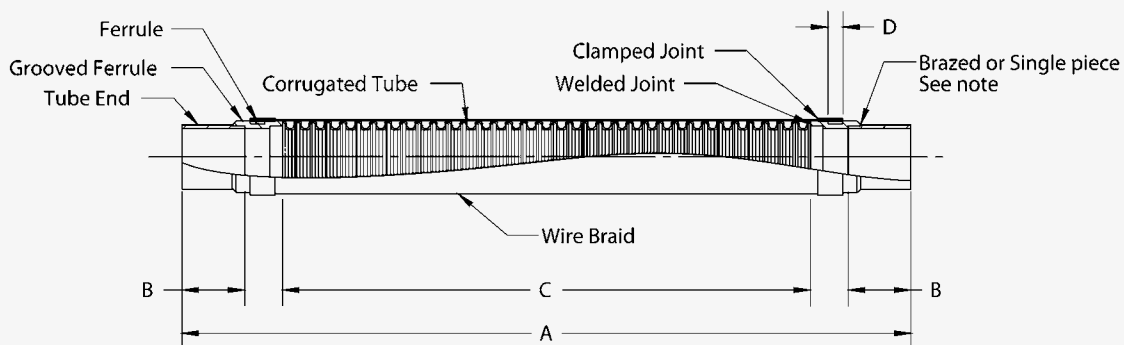
The VS series is based on the proven design of the V series with a few modifications. The VS series is constructed entirely of stainless steel and all joints are tig welded. Consequently there is no need to wet-rag the product during the installation process. The maximum working pressures are higher, as detailed in the table.



**V SERIES**



**VS SERIES**



Note  
Copper tube ends are brazed into grooved ferrule  
Stainless Steel tube ends & grooved ferrule are machined from one piece



**V AND VS SERIES (IMPERIAL RANGE)**

Part No		ODS (inch)	Dimensions (mm)				MWP (barg)		Weight (kg)	CE Cat
V Series	VS Series		A	B	C	D	V Series	VS Series		
V-1/4	VS-1/4	1/4	202	17	133	10	44.8	60.0	0.14	SEP
V-3/8	VS-3/8	3/8	215	18	141	10	44.8	60.0	0.14	SEP
V-1/2	VS-1/2	1/2	225	18	151	10	44.8	60.0	0.15	SEP
V-5/8	VS-5/8	5/8	247	20	169	10	44.8	60.0	0.21	SEP
V-3/4	VS-3/4	3/4	266	23	180	11	44.8	60.0	0.32	SEP
V-7/8	VS-7/8	7/8	301	25	211	11	44.8	60.0	0.31	SEP
V-1-1/8	VS-1-1/8	1-1/8	329	32	223	12	41.3	60.0	0.42	Cat II
V-1-3/8	VS-1-3/8	1-3/8	392	35	274	14	37.9	60.0	0.66	Cat II
V-1-5/8	VS-1-5/8	1-5/8	425	40	295	16	35.1	45.0	0.98	Cat II
V-2-1/8	VS-2-1/8	2-1/8	520	50	370	16	27.5	40.0	1.46	Cat II
V-2-5/8	VS-2-5/8	2-5/8	613	60	434	19	24.1	35.0	2.60	Cat II
V-3-1/8	VS-3-1/8	3-1/8	680	70	481	19	22.0	30.0	3.60	Cat II
V-3-5/8	VS-3-5/8	3-5/8	812	85	579	21	13.0	20.0	4.70	Cat II
V-4-1/8	VS-4-1/8	4-1/8	832	90	589	21	13.0	20.0	5.50	Cat II

**V AND VS SERIES (METRIC RANGE)**

Part No		ODS (mm)	Dimensions (mm)				MWP (barg)		Weight (kg)	CE/UKCA Cat
V Series	VS Series		A	B	C	D	V Series	VS Series		
V-6M	VS-6M	6	202	17	133	10	44.8	60.0	0.14	SEP
V-10M	VS-10M	10	215	18	141	10	44.8	60.0	0.14	SEP
V-12M	VS-12M	12	225	18	151	10	44.8	60.0	0.15	SEP
V-5/8	VS-5/8	16	247	20	169	10	44.8	60.0	0.21	SEP
V-7/8	VS-7/8	22	301	25	211	11	44.8	60.0	0.31	SEP
V-28M	VS-28M	28	329	32	223	12	41.3	60.0	0.42	SEP
V-1-3/8	VS-1-3/8	35	392	35	274	14	37.9	60.0	0.66	Cat II
V-42M	VS-42M	42	425	40	295	16	35.1	45.0	0.98	Cat I
V-2-1/8	VS-2-1/8	54	520	50	370	16	27.5	40.0	1.46	Cat II
V-64M	VS-64M	64	613	60	434	19	24.1	35.0	2.60	Cat I
V-67M	-	67	613	60	434	19	24.1	-	2.60	Cat I
V-76M	VS-76M	76	680	70	481	19	22.0	30.0	3.60	Cat I
V-80M	-	80	680	70	481	19	22.0	-	3.60	Cat I
V-89M	VS-89M	89	812	85	579	21	13.0	20.0	4.70	Cat I
V-108M	VS-108M	108	832	90	589	21	13.0	20.0	5.50	Cat I

Note: The V Series is dual CE and UL approved where applicable.

**Installation Instructions**



Scan or click the QR Code to download the full product installation and application instructions from our website.