

VABD Vibration Absorber

For the reduction of vibration transmitted within the suction and discharge lines



VABD Vibration Absorber:

The Parker Virginia VABD Series of Vibration Absorbers, are an update of the previous VABE design. The VABD is purposely built to minimise the transmission of vibrations that can occur in both the discharge and suction lines of refrigeration and air conditioning systems.

The prolonged transmission of movement throughout the suction and discharge lines can lead to system leaks, and increased fatigue, this can be costly and present a danger to the system, the VABD Series ensure the minimisation of these risks.



Contact Information:

Parker Hannifin Ltd

Climate and Industrial Control Group
Refrigeration and Air Conditioning Europe
Cortonwood Drive, Brampton,
Barnsley, S73 0UF, United Kingdom

Tel: +44 (0) 1226 273400

Fax: +44 (0) 1226 273401

racecustomerservice@parker.com

www.parker.com/race

Product Features:

- Stainless steel hose and braid on all sizes
- Available in a wide range of imperial (1/4 inch - 4 1/8 inch) and metric (6mm - 108 mm) fittings
- Solid copper connectors
- Leak free operation beyond the pressure limits of conventional bronze types
- UL listed (SA13233)
- CE-C-0509-04-28
- Working temperature range: -40°C to +120°C
- Compatible for use with all refrigerants
- Materials are also compatible for use with CO₂



ENGINEERING YOUR SUCCESS.

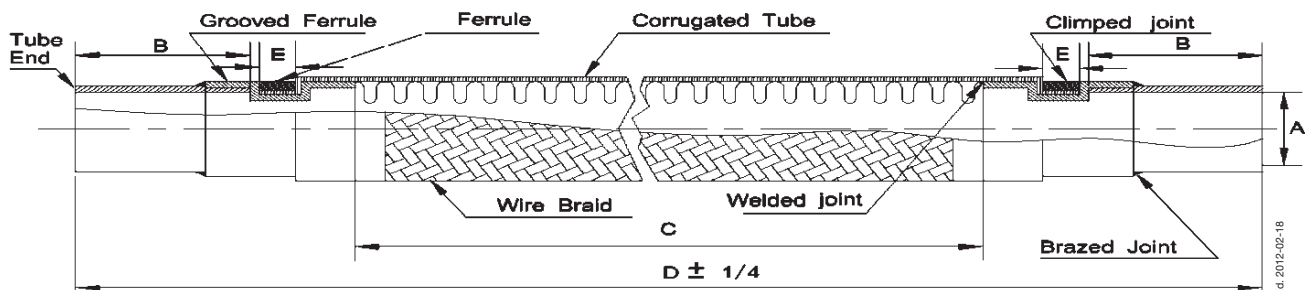
Materials

Corrugated Tube	Wire Braid	Grooved Ferrule	Ferrule	Tube End
Type 304	Type 304	Type 304	Type 304	Copper

Dimensions & Max. Working Pressures

Model No.	Actual OD of Copper tubing inch	Dimension (mm)					Max Working Pressure (bar)	Burst Pressure (bar)
		A (I.D)	B (±3)	C (±3)	D (±6)	E (±1.5)		
VABD02SS	1/4"	6.7	17	133	202	10	44.81	224.07
VABD03SS	3/8"	9.6	18	141	215	10	44.81	224.07
VABD04SS	1/2"	12.8	18	151	225	10	44.81	224.07
VABD05SS	5/8"	16.2	20	169	247	10	44.81	224.07
VABD06SS	3/4"	19.2	23	180	266	11	44.81	224.07
VABD07SS	7/8"	22.5	25	211	301	11	44.81	224.07
VABD09SS	1-1/8"	28.8	32	223	329	12	41.35	206.75
VABD11SS	1-3/8"	35.3	35	274	392	14	37.90	189.52
VABD13SS	1-5/8"	41.7	40	295	425	16	35.14	175.74
VABD17SS	2-1/8"	54.5	50	370	520	16	27.56	137.84
VABD21SS	2-5/8"	67.0	60	434	613	19	24.12	120.61
VABD25SS	3-1/8"	79.6	70	481	680	19	22.05	110.27
VABD29SS	3-5/8"	92.5	85	579	812	21	13.09	39.28
VABD33SS	4-1/8"	104.9	90	589	832	21	13.09	39.28

Model No.	Actual OD of Copper tubing mm	Dimension (mm)					Max Working Pressure (bar)	Burst Pressure (bar)
		A (I.D)	B (±3)	C (±3)	D (±6)	E (±1.5)		
VABD06MMSS	6	6.7	17	133	202	10	44.81	224.07
VABD10MMSS	10	10.2	18	141	215	10	44.81	224.07
VABD12MMSS	12	12.2	18	151	225	10	44.81	224.07
VABD15MMSS	16	16.2	20	169	247	1	44.81	224.07
VABD18MMSS	18	18.3	23	180	266	11	44.81	224.07
VABD22MMSS	22	22.5	25	211	301	11	44.81	224.07
VABD28MMSS	28	28.3	32	223	329	12	41.35	206.75
VABD35MMSS	35	35.3	35	274	392	14	37.90	189.52
VABD42MMSS	42	42.5	40	295	425	16	35.14	175.74
VABD54MMSS	54	54.5	50	370	520	16	27.56	137.84
VABD64MMSS	64	64.5	60	434	613	19	24.12	120.61
VABD76MMSS	76	76.5	70	481	680	19	22.05	110.27
VABD89MMSS	89	89.5	85	579	812	21	13.09	39.28
VABD108MMSS	108	108.5	90	589	832	21	13.09	39.28



© 2010 Parker Hannifin Corporation.
All rights reserved.

Parker Hannifin Ltd
Climate and Industrial Control Group
Refrigeration and Air Conditioning Europe
Cortonwood Drive, Brampton,
Barnsley S73 OUF, United Kingdom
Tel: +44 (0) 1226 273400
Fax: +44 (0) 1226 273401
racecustomerservice@parker.com
www.parker.com/race

RACE PB VA-2/UK - 02/2012 - Zalsman

