



VIBRATION ABSORBERS



Vibration absorbers are designed for installation in the suction and discharge lines of air conditioning and refrigeration systems to dampen the transmission of compressor-induced vibration through system piping.

FEATURES

- Unique oxygen brazing between copper socket and stainless steel ferrule
- Available in 14 sizes to fit refrigerant tubes from 1/4" to 4-1/8"
- Stainless steel corrugated tubing and high tensile wire braid
- Cleaned and dehydrated before packaging
- Individually packed in plastic film and carton box
- Permissible working temperature from -40° to +120°

THE PACKAGE

- Vibration absorber

	Material
Tube end	DHP copper
Ferrule	Stainless steel SYS304
Wire braid	Stainless steel SYS304
Flexible tubing	Stainless steel SYS304
Brazed joint	Brass

DiversiTech International declare that the above vibration absorbers comply with the appropriate ESSENTIAL SAFETY REQUIREMENT described in Annex 1 of the 97/23/EC pressure equipment directive.

Part code	Description	Tube OD (inches)	Tube OD (mm)	Max. Working Pressure (psiG)	Burst Pressure (psiG)
VIBA-1/4	Vibration Absorber 1/4" (6mm)	1/4"	6mm	650 (44.8 bar)	3250 (224 bar)
VIBA-3/8	Vibration Absorber 3/8" (10mm)	3/8"	10mm	650 (44.8 bar)	3250 (224 bar)
VIBA-1/2	Vibration Absorber 1/2" (12mm)	1/2"	12mm	650 (44.8 bar)	3250 (224 bar)
VIBA-5/8	Vibration Absorber 5/8" (16mm)	5/8"	16mm	650 (44.8 bar)	3250 (224 bar)
VIBA-3/4	Vibration Absorber 3/4" (18mm)	3/4"	18mm	650 (44.8 bar)	3250 (224 bar)
VIBA-7/8	Vibration Absorber 7/8" (22mm)	7/8"	22mm	650 (44.8 bar)	3250 (224 bar)
VIBA-1-1/8	Vibration Absorber 1-1/8" (28mm)	1-1/8"	28mm	600 (41.3 bar)	3000 (206.8 bar)
VIBA-1-3/8	Vibration Absorber 1-3/8" (35mm)	1-3/8"	35mm	550 (37.9 bar)	2750 (189.6 bar)
VIBA-1-5/8	Vibration Absorber 1-5/8" (42mm)	1-5/8"	42mm	510 (35.1 bar)	2550 (175.8 bar)
VIBA-2-1/8	Vibration Absorber 2-1/8" (54mm)	2-1/8"	54mm	400 (27.5 bar)	2000 (137.8 bar)
VIBA-2-5/8	Vibration Absorber 2-5/8" (64mm)	2-5/8"	64mm	350 (24.1 bar)	1750 (120.6 bar)
VIBA-3-1/8	Vibration Absorber 3-1/8" (76mm)	3-1/8"	76mm	320 (22.0 bar)	1600 (110.3 bar)
VIBA-3-5/8	Vibration Absorber 3-5/8" (89mm)	3-5/8"	89mm	190 (13.1 bar)	570 (39.3 bar)
VIBA-4-1/8	Vibration Absorber 4-1/8" (108mm)	4-1/8"	108mm	190 (13.1 bar)	570 (39.3 bar)

PUMPS VIBRATION ABSORBER

Copper & stainless steel vibration absorbers

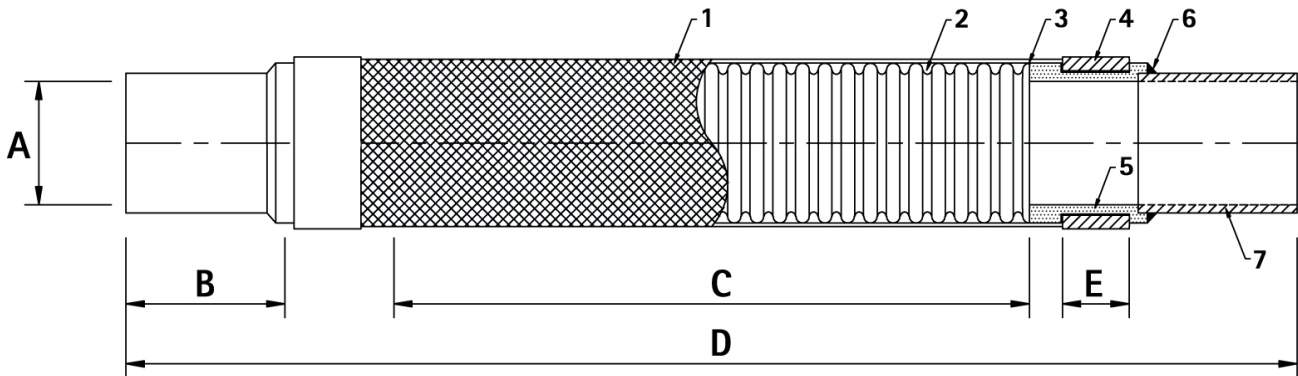
The DiversiTech International sales team are available to answer your questions or queries on this product. Our experts are waiting for your call +44 (0)115 900 5858 or if you prefer send an email to sales@diversitech.com or visit www.diversitech.global



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SPECIFICATION



1. Wire braid
2. Corrugated tube
3. Welded joint
4. Crimped ferrule
5. Groove ferrule
6. Brazed joint

FUNCTIONS

The function of vibration absorber is to eliminate vibrations and noises compressor generates, and reduce stresses linked with piping thermal expansion in refrigeration and air conditioning system.

APPLICATIONS

VIBA are used in both the suction and discharge lines of air-conditioning and refrigeration systems.

R12 R22 R23 R125 R134A R401A R401B R402A R402B R404A R407A R407B R407C R408A R409A R410A R410B R412A R502 R507 R508 R509 R717(NH3) R744(CO2)

Part code	Actual OD of copper tubing	Dimensions (mm)					Max working pressure (psig)	Burst pressure (psig)	Weight (kg)
		A (I.D)	B (±3)	C (±3)	D (±6)	E (±1.5)			
VIBA-1/4	1/4"	6.7	17	133	202	10	650	3250	0.12
VIBA-3/8	3/8"	9.6	18	141	215	10	650	3250	0.12
VIBA-1/2	1/2"	12.8	18	151	225	10	650	3250	0.14
VIBA-5/8	5/8"	16.2	20	169	247	10	650	3250	0.2
VIBA-3/4	3/4"	19.2	23	180	266	11	650	3250	0.285
VIBA-7/8	7/8"	22.5	25	211	301	11	650	3250	0.305
VIBA-1-1/8	1-1/8"	28.8	32	223	329	12	600	3000	0.435
VIBA-1-3/8	1-3/8"	35.3	35	274	392	14	550	2750	0.645
VIBA-1-5/8	1-5/8"	41.7	40	295	425	16	510	2550	0.895
VIBA-2-1/8	2-1/8"	54.5	50	370	520	16	400	2000	1.38
VIBA-2-5/8	2-5/8"	67.0	60	434	613	19	350	1750	2.37
VIBA-3-1/8	3-1/8"	79.6	70	481	680	19	320	1600	3.43
VIBA-3-5/8	3-5/8"	92.5	85	579	812	21	190	570	4.4
VIBA-4-1/8	4-1/8"	104.9	90	589	832	21	190	570	5.12

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The DiversiTech International sales team are available to answer your questions or queries on this product. Our experts are waiting for your call +44 (0)115 900 5858 or if you prefer send an email to sales@diversitech.com or visit www.diversitech.global