

**Dry All®**

Full Range of HVAC&R Line Products



**Vibration Absorbers**

### Introduction

Vibration absorber are designed for installation in the suction and discharge line of Air conditioning and refrigeration system to absorb the transmission of compressor-induced vibrations through system tubing.

Stainless Steel (SS) Corrugated Tubing in the Vibration Absorber, increases its flexibility and vibration absorbing capacity for longer duration. This corrugated Stainless Steel tubing is covered with high tensile wire braid for superior strength and durability. To make brazing procedure easy, Vibration Absorber are provided with copper ends.

### Key Features

#### Triple Fusing & Joining Method

Dry All DAVA series Vibration Absorber undergoes triple fusing and joining action while bringing the flexible metal hose and the copper ends together. The first brazing attaches the copper ending to the adaptor ring while the second weld attaches the adaptor ring to the flexible hose. The third weld attaches the steel braiding and the ferrule to the adaptor ring.

### Applications

- Heat Pumps
- Residential Air Conditioning
- Commercial Chillers
- Walk in Coolers & Freezers.
- Rack Refrigeration's
- Transport Refrigeration
- Bus Air-conditioning

### Materials

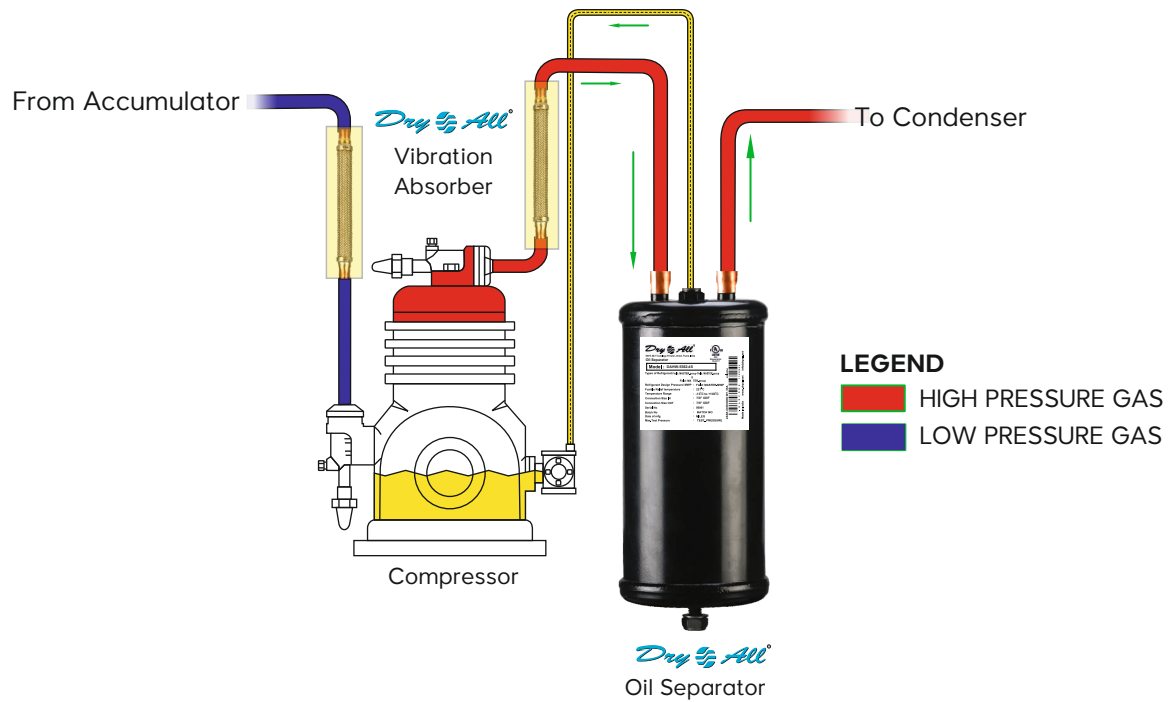
Hose Assembly components	Dry All material grade for Vibration Absorber
Corrugated Metal Hose	SS 304
Braided wire	SS 316L
Ferrule	SS 304

### Compliances

#### RoHS AND REACH COMPLIANCE:

Dry All Vibration Absorbers are RoHS (Restriction of hazardous substances) as well as REACH (Registration, Evaluation, Authorization and Restriction of Chemicals) Compliant products.

## Product Installed in Refrigeration Cycle

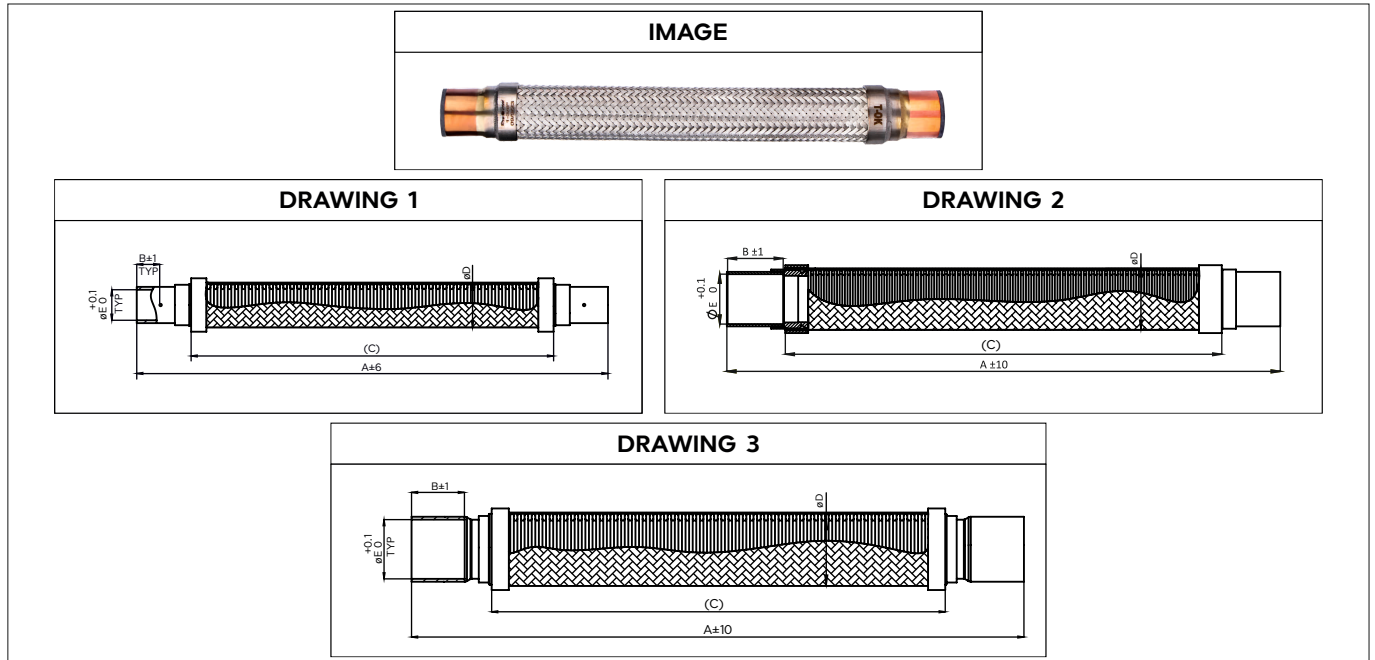


## Performance Characteristics

Technical Details	
Connection Size	1/4" ODF to 3-1/8" ODF
Max Pressure Rating	230psig to 650psig, depending upon the sizes
Operating Temperature	-40°C to 150°C
Material of Construction	Stainless Steel Construction with Copper Connections

## Vibration Absorbers

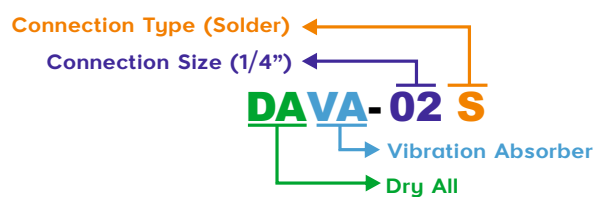
### Image & Drawing



### Model Available

Sr. No.	Model No.	Connection size	Dimensions								MWP (psig)	Drawing No.
			A		B		C		ØD			
			mm	inch	mm	inch	mm	inch	mm	inch		
1	DAVA-02S	1/4" ODF	206	8.11	10	0.39	146	5.75	18.2	0.72	650	Drawing 1
2	DAVA-03S	3/8" ODF	210	8.27	12	0.47	156	6.14	18.2	0.72	650	
3	DAVA-04S	1/2" ODF	224	8.82	12	0.47	166	6.54	23.5	0.93	650	
4	DAVA-05S	5/8" ODF	247	9.72	12	0.47	190	7.48	23.5	0.93	650	
5	DAVA-06S	3/4" ODF	263	10.4	12	0.47	207	8.15	28.2	1.11	650	
6	DAVA-07S	7/8" ODF	299	11.8	15	0.59	230	9.06	33.8	1.33	650	
7	DAVA-09S	1-1/8" ODF	327	12.9	15	0.59	257	10.1	43	1.69	600	
8	DAVA-11S	1-3/8" ODF	388	15.3	40	1.57	306	12	43	1.69	550	Drawing 2
9	DAVA-13S	1-5/8" ODF	400	15.7	28	1.1	320	12.6	51.3	2.02	300	Drawing 3
10	DAVA-17S	2-1/8" ODF	520	20.5	65	2.56	390	15.4	70.4	2.77	230	Drawing 2
11	DAVA-21S	2-5/8" ODF	610	24	75	2.95	460	18.1	86.8	3.42	230	
12	DAVA-25S	3-1/8" ODF	680	26.8	80	3.15	520	20.5	103	4.07	230	

### Nomenclature





## Vibration Absorbers



### Technical Data

Sr. No.	Model No.	Connection size	Maximum Working Pressure	Working Temperature	Refrigerants
1	DAVA-02S	1/4" ODF	650 Psig	-40°C to +150°C	CFC, HCFC & HFC R12, R134a, R22, R404A, R407C, R410A, R500, R502, R507.
2	DAVA-03S	3/8" ODF			
3	DAVA-04S	1/2" ODF			
4	DAVA-05S	5/8" ODF			
5	DAVA-06S	3/4" ODF			
6	DAVA-07S	7/8" ODF			
7	DAVA-09S	1-1/8" ODF	600 Psig		
8	DAVA-11S	1-3/8" ODF	550 Psig		
9	DAVA-13S	1-5/8" ODF	510 Psig		
10	DAVA-17S	2-1/8" ODF	230 Psig		
11	DAVA-21S	2-5/8" ODF			
12	DAVA-25S	3-1/8" ODF			

## Check Hologram for Genuine Product

Dry All reserves the right to alter its products without notice and will not accept any responsibility for possible errors in catalogues, brochures and other printed materials. Imitation / reproduction of information from this catalogue in part or whole cannot be done without prior approval in writing from our company.

Marketed by:

**Dry All**

Full Range of HVAC&R Line Products

**SAFE A&T Technology Private Limited**

D-4, MIDC, Phase II, Dombivali (E),  
Dist. Thane-421 201.

T : +91-(0)-251-2870680/81/82

Customer Care : +91 8181 994 994

E : [info@dryall.net](mailto:info@dryall.net)

W : [www.dryall.net](http://www.dryall.net)

File No.: L/S&M/01

REV25-06-05-01