

VIBRATION RESISTANT CORRUGATED METAL HOSE

Series

The hose can be moderately bent and has good fatigue resistance.

Suitable for all refrigerants, Trinity welding joint, mesh, ring with argon arc welding, with safety, high strength, corrosion resistance, heat resistance.

It has good shock absorption and compensation thermal displacement.



VAFX Type vibration Eliminator



Product Description

- VAFX Type vibration Eliminator is designed to be assembled in refrigeration or air conditioning system to lower the vibration from compressors.

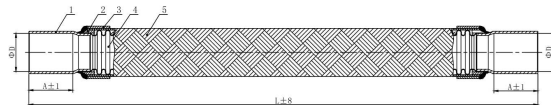
Features

- SUS316L corrugated pipe supports with high corrosion resistance
- Trinity Argon Arc welding of wire sleeve, pipe connector and clamping ring makes the vibration eliminator stronger and more safety.
- Perfect vibration resistance and good compensation for the heat displacement.

Technical Parameters

Applicable Refrigerants	HCFC/RFC
Applicable Medium Temp	-40°C ~ +150°C
MAX Working Pressure	See Model Selection table
Maximum Proof Pressure	1.5 time of the M.W.P.

Configuration



1.Copper bush; 2.Pipe Connector; 3.Clamping Ring.; 4.Corrugated Pipe; 5.Wire Sleeveing

Model Selection							
Type	Size	Outline Dimension (mm)			Max.Working Pressure (MPa)	Min.Bending Radius (mm)	
		A	L	D		Static(R _l)	Dynamic(R _d)
VAFX-038-10	3/8	16	210	9.70 ^{+0.15} _{-0.15}	4.5	80	180
VAFX-012-12	1/2	18	230	12.80 ^{+0.2} _{-0.2}		95	215
VAFX-058-16	5/8	20	250	16.10 ^{+0.2} _{-0.2}		120	270
VAFX-034-19	3/4	22	260	19.10 ^{+0.2} _{-0.2}		145	325
VAFX-078-22	7/8	26	300	22.30 ^{+0.2} _{-0.2}		160	360
VAFX-100-25	1	32	330	25.60 ^{+0.2} _{-0.2}		175	400
VAFX-118-28	1-1/8	30	330	28.70 ^{+0.2} _{-0.2}	4.2	175	400
VAFX-114-32	1-1/4	50	400	32.10 ^{+0.2} _{-0.2}		225	510
VAFX-138-35	1-3/8	35	400	35.20 ^{+0.2} _{-0.2}		225	510
VAFX-158-42	1-5/8	42	400	41.50 ^{+0.20} _{-0.20}	3.0	280	640

VAF Type Vibration Eliminator



Product Description

- VAF Type vibration Eliminator is designed to be assembled in refrigeration or air conditioning system to lower the vibration from compressors.

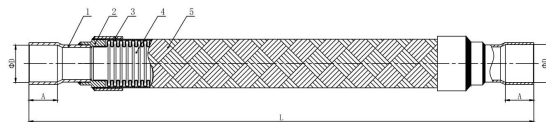
Features

- SUS316L corrugated pipe supports with high corrosion resistance
- Wide application range (can be also adopted in automotive A/C)
- Trinity Argon Arc welding of wire sleeve, pipe connector and clamping ring makes the vibration eliminator stronger and more safety.
- Perfect vibration resistance and good compensation for the heat displacement.
- Furnace brazing between the connector and the corrugated pipe
- VAF Type vibration Eliminator has been proved by UL.
- provides steady welding quality.

Technical Parameters

Applicable Refrigerants	HFC/C/HFC
Applicable Medium Temp	-40°C ~ +150°C
MAX Working Pressure	See Model Selection table
Maximum Proof Pressure	1.5 time of the M.W.P.

Configuration



1.Copper bush; 2.Pipe Connector; 3.Clamping Ring.; 4.Corrugated Pipe.; 5.Wire Sleeveing

Model Selection

Type	Size	Outline Dimension (mm)			Max. Working Pressure (MPa)	Min. Bending Radius (mm)	
		A	L	D		Static(R)	Dynamic(Rd)
VAF-038-18	3/8	16	230	9.70 ^{+0.10} _{-0.10}	6.0	80	180
VAF-012-12	1/2	10	250	12.80 ^{+0.1} _{-0.1}		95	215
VAF-058-16	5/8	12	270	16.10 ^{+0.1} _{-0.1}		120	270
VAF-034-19	3/4	14	290	19.10 ^{+0.1} _{-0.1}		145	325
VAF-078-22	7/8	17	300	22.30 ^{+0.1} _{-0.1}		160	360
VAF-100-25	1	20	330	25.60 ^{+0.1} _{-0.1}	5.0	175	400
VAF-118-28	1-1/8	20	330	28.70 ^{+0.1} _{-0.1}		175	400
VAF-114-32	1-1/4	38	380	32.10 ^{+0.1} _{-0.1}		225	510
VAF-138-35	1-3/8	25	380	35.20 ^{+0.1} _{-0.1}		225	510
VAF-158-42	1-5/8	30	430	41.50 ^{+0.15} _{-0.15}	4.5	280	640
VAF-218-54	2-1/8	65	520	54.20 ^{+0.15} _{-0.15}	2.3	350	800
VAF-258-67	2-5/8	75	610	66.80 ^{+0.15} _{-0.15}		390	845
VAF-318-79	3-1/8	80	680	79.60 ^{+0.15} _{-0.15}		480	1000