Spring & Rubber Hangers

Type SH & RH

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CHRISTIE & GREY

Hangers effectively Isolate transmission of Vibration and Structurally Sound.

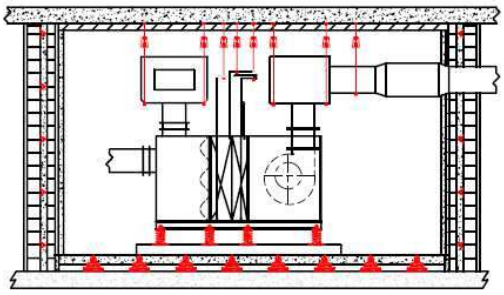
Suspended Accoustical Ceiling have become an essential part of modern structures-Vibration & Sound waves emanating from the rest of the building are prevented from reaching the Accoustical Ceiling.

Hangers prevent many installation errors by permitting degree of freedom of movement of piping thus frequently eliminating the need of Flexible Hose Connections.

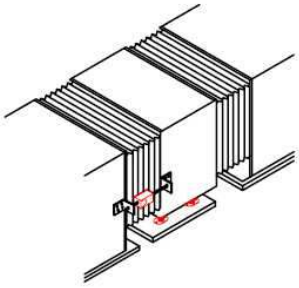
Hangers will also take care of expansion problems of riser Pipe lines.

Wide range of Hangers are available with Helical Coil Springs for Low frequency applications, Rubber-in-Shear for absorption of Sound and Shock with Combination of Coil Spring & Rubber-in Shear for critical areas.

Hangers are sturdily built for long rugged service with any combination of simple Rods on top and / or bottom, straps, 'J' Hooks to clevis, trapeze or roller system.



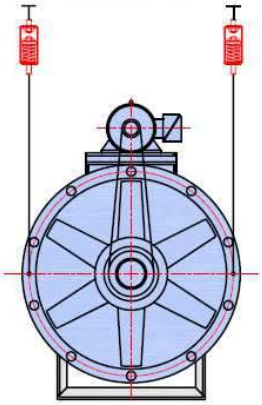
ACCOUSTICAL CEILING



AIR HANDLING UNIT

TYPICAL SUSPENSION APPLICATIONS

- Accoustical Ceiling
- Air Handling Units
- Air Conditioner
- Axial Fans
- Blowers
- Cooling and Heating Equipment
- Ductwork
- Exhaust System
- Fan Coil Units
- Fans
- Lighting Fixtures
- Mechanical Equipment
- Pipe Work
- Platform
- Small Pumps
- Ventilation
- Etc.etc.



AXIAL FAN

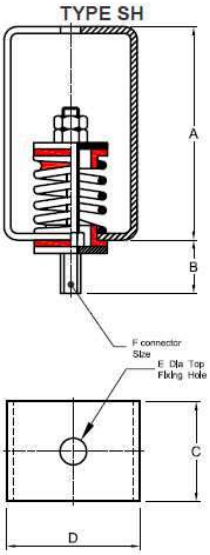
DESIGN FEATURES

- **Steel frame** tested to 5x rated load. Other steel parts are zinc plated including ACH casing.
- **Colour coded steel springs** with nominal deflections up 50mm, laterally stable with 50% overload capacity.
- **Rubber inserts** for high frequency attenuation on type SH also to prevent drop – rod contacting hanger frame.
- **Failsafe steel overload washers** supplied with Rubber Hangers.
- **Captive assembly** with drop – rod connector on type SH allows Precompression of spring prior to installation if required.
- **15° angular misalignment capability.**
- **Stud or wire fixing** on type ACH.

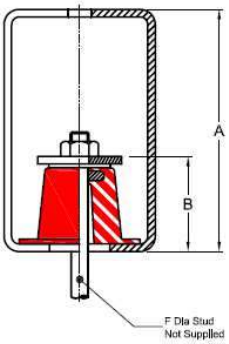
RMS CORPORATION

RESISTOFLEX SINCE 1947
Vibration Shock Seismic Control

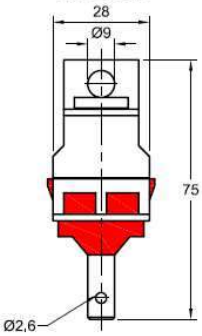
TYPE SH



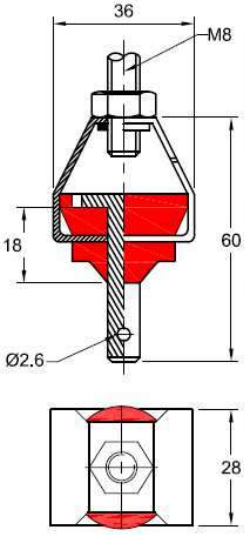
TYPE RH



TYPE ACH



TYPE ACH/S



TECHNICAL CHARACTERISTICS - SPRING HANGERS

PART NO.	COLOUR CODE	RATED LOAD (kgs)	DEFLECTION AT RATED LOAD (mm)	DIMENSIONS (mm) A	B	C	D	E	F	Max. Wt. (mm)
SH 20 / 10	Purple	10	20	100	31	40	55	10	M8	0.35
SH 20 / 15	Yellow	15	20							
SH 20 / 20	Grey	20	20							
SH 20 / 40	Green	40	20							
SH 20 / 70	Red	70	20							
SH 15 / 100	Blue	100	15							
SH 25 / 30	Yellow	30	25	140	36	70	90	11	M10	1.5
SH 25 / 60	Green	60	30							
SH 25 / 100	Blue	100	25							
SH 25 / 160	White	160	25							
SH 25 / 250	Red	250	25							
SH 25 / 200	Red	200	25	200	54	95	120	17	M16	4.2
SH 25 / 300	Purple	300	25							
SH 25 / 400	Grey	400	25							
SH 25 / 500	Orange	500	25							
SH 25 / 600	Brown	600	25							
SH 50 / 100	Yellow	100	50	200	54	95	120	17	M16	4.2
SH 50 / 200	Green	200	50							
SH 50 / 300	Blue	300	50							
SH 50 / 400	White	400	50							
SH 50 / 500	Red/Black	500	50							

TECHNICAL CHARACTERISTICS - RUBBER HANGERS

RH 35	Yellow	17	4	100	36	40	55	10	M8	0.31
RH 65	Blue	32	4							
RH 100	Red	50	4							
RH 130	Yellow	65	5	140	52	70	90	11	M10	1.24
RH 225	Blue	113	5							
RH 350	Red	175	5							

TECHNICAL CHARACTERISTICS - ACCOUSTIC HANGERS

ACH 20	-	20	2	AS SHOWN	0.06
ACH/S20	-	20	2	AS SHOWN	0.06

PIPE BORE (mm)	WEIGHT PER METRE (kg)	LOAD PER HANGER AT TYPICAL SPACINGS (KG) 2m	2.5m	3m	3.5m	4m	4.5m	5m
50	10	100	31	40	55	10	M8	0.35
65	14	100	31	40	55	10	M8	0.35
80	18	100	31	40	55	10	M8	0.35
100	26	100	31	40	55	10	M8	0.35
125	34	100	31	40	55	10	M8	0.35
150	44	100	31	40	55	10	M8	0.35
200	86	100	31	40	55	10	M8	0.35
250	118	100	31	40	55	10	M8	0.35
300	153	100	31	40	55	10	M8	0.35

Pipe weights are based on BS. 1387 Heavy and BS. 3601 pipes with maximum volume of water and standard thermal insulation.

INSTALLATION NOTES

* Pipes should be supported on either side of changes of direction and additional hangers used to support heavy fittings and vertical droppings.
* For larger pipe sizes two hangers can be used at each support position.
* Lower wire fixing on ACH/S can be replaced with M8 stud.

For more detailed information and technical assistance, please contact our Applications Engineering Group.