



Anel Engineering
Contracting

UCLH – P4 PBT PROJECT

PRODUCT TECHNICAL SUBMITTAL (PTS)

PTS INDEX

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PRODUCT DATA SHEETS

Equipment Tag No	Equipment Weight	Equipment Qty	Isolator Model	Description	Deflection	Quantity per EQ.	Total Qty
AHU/B2 01	11053	1	API-MC 100X100	Rubber Pad	5 mm	52	52
AHU/M2 02	9503	1	API-MC 100X100	Rubber Pad	5 mm	46	46
AHU/M2 03	5121	1	API-MC 100X100	Rubber Pad	5 mm	26	26
AHU/M2 04	11498	1	API-MC 100X100	Rubber Pad	5 mm	54	54
AHU/M2 05	9277	1	API-MC 100X100	Rubber Pad	5 mm	44	44
AHU/B2 06	11569	1	API-MC 100X100	Rubber Pad	5 mm	56	56
AHU/M2 07A - L	2518	1	API-MC 100X100	Rubber Pad	5 mm	14	14
AHU/B2 07B	5076	1	API-MC 100X100	Rubber Pad	5 mm	26	26
AHU/M2 08	6508	1	API-MC 100X100	Rubber Pad	5 mm	32	32
AHU/M2 09	6576	1	API-MC 100X100	Rubber Pad	5 mm	32	32
AHU/M2 10	7131	1	API-MC 100X100	Rubber Pad	5 mm	34	34
AHU/M2 11	6503	1	API-MC 100X100	Rubber Pad	5 mm	32	32
AHU/M2 12	2015	1	API-MC 100X100	Rubber Pad	5 mm	12	12
AHU/M2 13	2025	1	API-MC 100X100	Rubber Pad	5 mm	12	12
AHU/6 14	2019	1	API-MC 100X100	Rubber Pad	5 mm	12	12
AHU/6 15	2110	1	API-MC 100X100	Rubber Pad	5 mm	12	12
AHU 7A	3952	1	API-MC 100X100	Rubber Pad	5 mm	20	20

Equipment Tag No	Equipment Weight	Equipment Qty	Isolator Model	Description	Deflection	Quantity per EQ.	Total Qty
PBT FCU (AIRCRAFT UNITS)	FCU 416/417	2	ASI-V-1A-185	Restrained Spring Isolator	25 mm	4	8
	FCU 501/502/ 503/504	4	ASI-V-1A-185	Restrained Spring Isolator	25 mm	4	16

Equipment Model No	Equipment Weight	Equipment Qty	Isolator Model	Description	Deflection	Quantity per EQ.	Total Qty
SPR 1 - 1	45	38	AH-OS-1A-12	Open Spring Isolator	25 mm	4	152
SPR 2 - 2	55	16	AH-OS-1A-25	Open Spring Isolator	25 mm	4	64
SPR 4 - 3	75	40	AH-OS-1A-25	Open Spring Isolator	25 mm	4	160
SPR 5 - 4	85	4	AH-OS-1A-25	Open Spring Isolator	25 mm	4	16
SPR 8 - 5	105	1	AH-OS-1A-25	Open Spring Isolator	25 mm	4	4
SPR 9 - 5	109	16	AH-OS-1A-25	Open Spring Isolator	25 mm	4	64

Equipment Tag No	Equipment Weight	Equipment Qty	Isolator Model	Description	Deflection	Quantity per EQ.	Total Qty
CCU/-201	523	1	ASI-V-1A-185	Restrained Spring Isolator	25 mm	4	4
CCU/-202	523	1	ASI-V-1A-185	Restrained Spring Isolator	25 mm	4	4
CCU/-301	523	1	ASI-V-1A-185	Restrained Spring Isolator	25 mm	4	4
CCU/-302	523	1	ASI-V-1A-185	Restrained Spring Isolator	25 mm	4	4
CCU/-303	240	1	ASI-V-1A-100	Restrained Spring Isolator	25 mm	4	4

Equipment Tag No	Equipment Weight	Equipment Qty	Isolator Model	Description	Deflection	Quantity per EQ.	Total Qty
FCU/-411	105	3	AH-S-1A-25	Housed Spring Hanger	25 mm	4	12
PBT FCU							
FCU/-412	105	3	AH-S-1A-25	Housed Spring Hanger	25 mm	4	12
(QUARTZ UNITS)							
FCU/-413	105	3	AH-S-1A-25	Housed Spring Hanger	25 mm	4	12
FCU/-414	105	3	AH-S-1A-25	Housed Spring Hanger	25 mm	4	12
FCU/-415	105	3	AH-S-1A-25	Housed Spring Hanger	25 mm	4	12

Equipment Tag No	Equipment Weight	Equipment Qty	Isolator Model	Description	Deflection	Quantity per EQ.	Total Qty
UF/-401	280	1	AH-S-1A-95	Housed Spring Hanger	25 mm	4	4
UF/001	280	1	AH-S-1A-95	Housed Spring Hanger	25 mm	4	4
UF/-402	160	1	AH-S-1A-50	Housed Spring Hanger	25 mm	4	4
UF/002	160	1	AH-S-1A-50	Housed Spring Hanger	25 mm	4	4
UF M201 & M202	180	1	AH-S-1A-50	Housed Spring Hanger	25 mm	4	4
UF M203 & M204	180	1	AH-S-1A-50	Housed Spring Hanger	25 mm	4	4
UF M205 & M206	160	1	AH-S-1A-50	Housed Spring Hanger	25 mm	4	4
UF M207 & M208	295	1	AH-S-1A-95	Housed Spring Hanger	25 mm	4	4
UF B201 & B202	295	1	AH-S-1A-95	Housed Spring Hanger	25 mm	4	4
UF B203 & B204	295	1	AH-S-1A-95	Housed Spring Hanger	25 mm	4	4
UF B205 & B206	295	1	AH-S-1A-95	Housed Spring Hanger	25 mm	4	4
UF B207 & B208	180	1	AH-S-1A-50	Housed Spring Hanger	25 mm	4	4
UF B209 & B210	295	1	AH-S-1A-95	Housed Spring Hanger	25 mm	4	4
UF B211, B212 & B212A	75	3	AH-S-1A-25	Housed Spring Hanger	25 mm	4	12

Equipment Tag No	Equipment Weight	Equipment Qty	Isolator Model	Description	Deflection	Quantity per EQ.	Total Qty
B01	4988	1	API-MC 100X100	Rubber Pad	5 mm	24	24
B02	4988	1	API-MC 100X100	Rubber Pad	5 mm	24	24

Equipment Tag No	Equipment Weight	Equipment Qty	Isolator Model	Description	Deflection	Quantity per EQ.	Total Qty
CHP	4000	1	ASH-L2-2A-920	Restrained Spring Isolator	50 mm	6	6

Equipment Tag No	Equipment Weight	Equipment Qty	Isolator Model	Description	Deflection	Quantity per EQ.	Total Qty
CHW		1	AH-S-1A-185	Restrained Spring Isolator	25 mm	As per drawings	
CHW		1	AH-S-1B-460	Restrained Spring Isolator	25 mm	As per drawings	
CHW		1	AH-S-1A-820	Restrained Spring Isolator	25 mm	As per drawings	

Chiller Isolators	BY TRANE
ITCU Isolators	Not Required
FAN Isolators	BY SYSTEM AIR
PUMP Isolators	BY GRUNDFOS

Acrefine Seismic Spring Isolator

Restrained Spring Isolator with Steel Housing

ASI-V



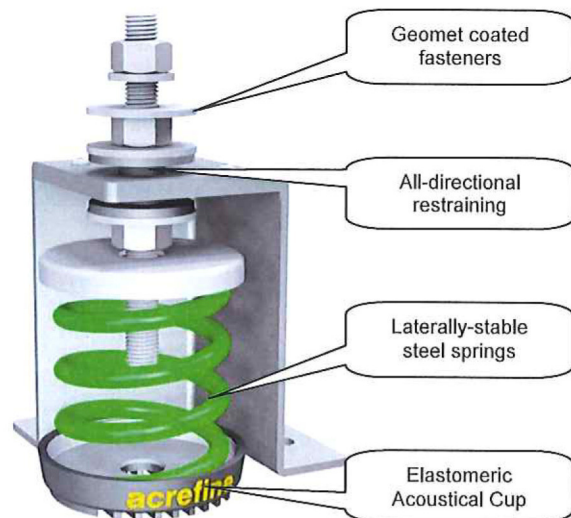
DESCRIPTION

Acrefine ASI-V type seismic vibration isolators are designed to restrain lateral and vertical equipment movement caused by external forces such as high winds or seismic events. The isolator housing is fabricated from high quality steel. Equipment motion is limited to 6 mm (1/4") which also ensures out-of-contact operation under normal conditions. The operational height of the isolator is fixed and any adjustment can be made via the adjustment nut located under the equipment bracket.

Vibration isolation is achieved by free-standing laterally-stable steel springs. All springs are assembled into elastomeric acoustical cups to eliminate internal noise. Springs are designed with 50% overload capacity and the lateral spring stiffness is greater than the vertical stiffness to assure seismic stability.

KEY FEATURES

- ✓ Standard range includes 25 mm (1") and 50 mm (2") deflection springs
- ✓ Load capacity up to 1370 kg (3021 lbs)
- ✓ All-directional restraint, limiting equipment motion to 6 mm (1/4")
- ✓ Constant free and operational height
- ✓ E-Coated housing for superior corrosion protection
- ✓ Powder coated and colour coded springs
- ✓ Field interchangeable springs
- ✓ Can be bolted or welded in place



APPLICATIONS

Acrefine ASI-V seismic vibration isolators are designed for floor mounted equipment. These isolators are ideally suited for applications where seismic or high wind forces are likely. Spring deflections of 50 mm (2") provide excellent noise and vibration control.

ASI-V isolators are available with 25 mm (1") and 50 mm (2") deflection springs as standard. The load range is from 7 kg (15 lbs) to 1370 kg (3021 lbs). For higher deflection rates or load capacities please contact us.



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