

**SELECTING THE MOST SUITABLE TYPES OF AVM**

Vibracoustics products including AVM's are split into different product groups, each group being described by form of construction, properties of performance and capacities etc.

To enable customers to identify the most appropriate AVM's and product types for an application, Vibracoustics have created two application matrices, one for static and one for mobile applications.

Static applications refer to equipment installed into a fixed environment: e.g. factory, plant room etc.

Mobile applications refer to equipment fitted into a moving or moveable environment: car, vehicle or train etc., or alternatively where equipment is moved from site to site or transported to site.

To use the matrices, firstly select the appropriate matrix and identify the environment description in the left hand column that best describes that of the proposed installation.

Now select the equipment description along the top row which best describes the equipment to be mounted.

The position in the matrix where the particular row of the environment column intersects the particular column of the equipment row contains the product group numbers for the AVM's most suitable for the particular application.

**Static Application**

GOTO STATIC MATRIX

**Mobile Application**

GOTO MOBILE MATRIX

Note indicated product groups and proceed to **Step 2 Sheet 04-S-40**.

**For applications and technical assistance please refer to VIBRACOUSTICS Ltd.**

*Vibracoustics is continually seeking to improve products and reserves the right to change designs and specification without prior notice or alteration of literature.*

**Consultants . Designers . Manufacturers . Suppliers**

CAT. REF.:04-S-20 ISSUE:04H

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### STATIC MATRIX

Static Locations										
	Separate Drive Unit e.g. Reciprocating Engine, Electric Motor etc.,	Generating sets	Compressor, Pump or Blower sets, Hydraulic Power Packs	Vibrating Feeders, Screens	Special Equipment & machines	Building Construction Products	Pipework & services, ceiling suspensions	Fan sets, Heating & Ventilating units	CMM's, Electron microscopes, Wafer Production Tools and highly sensitive equipment	Machine Tools etc.
Remote Location	40, 41, 47, 60	40, 41, 48, 50, 52, 57, 94, 95, 96	40, 41, 50, 53, 54, 57, 94, 95, 96	10, 50, 54, 57, 60, 61, 62, 63	40, 41, 50, 57, 60, 61, 62, 63, 64,		72, 75, 77	40, 41, 50, 53, 77, 94		
Factory Internal	40, 41, 57, 94, 95, 96	09, 40, 41, 48, 50, 52, 57, 94, 95, 96	53, 54, 57, 94, 95, 96	21, 22, 23, 50, 54, 57,	51, 78, 79	78, 79	75, 77	40, 41, 50, 53, 77, 94	09, 54, 97	51, 78, 79
Factory External	40, 41, 47, 48, 60	94	94	57, 60, 61, 62, 63	40, 41, 50, 57, 60, 61, 62, 63, 64,			40, 41, 57, 94		
Occupied Buildings		40, 48, 50, 54, 57, 94, 95, 96	40, 41, 50, 53, 54, 57, 94, 95, 96		40, 41, 57, 94,	76, 78, 79	70, 72, 74, 75, 77	40, 41, 50, 53, 57, 77, 94	09, 54, 57, 94, 97	50, 51, 54
Special Buildings e.g. Hospitals, Libraries, concert halls, studios etc.,		09, 57, 94	40, 41, 50, 53, 54, 57, 94, 95, 96		54, 57, 94,	76, 78, 79	70, 72, 74, 75, 77	40, 50, 54, 57, 77, 94	09, 54, 57, 94, 97	
Offshore Machinery space	40, 41, 48, 57	72, 74, 75, 80, 94	40, 41, 48, 57, 94		40, 57		57, 70, 72, 74, 75, 77	94		
Offshore Accommodation space							70, 72, 74, 77			

### MOBILE MATRIX

Mobile Locations									
	Engine Mountings	Engine & Gearbox	Generating set	Compressor Pump or Blower sets, Hydraulic Power Packs	Special machines	Construction equipment Piling Machines	Vibrating Feeders Screens	Exhaust suspensions	Miscellaneous Applications
Road Vehicle	40, 41, 45, 46, 47	40, 41, 45, 46, 47	40, 41, 45, 46, 47	40, 41, 45, 46, 47	21, 22, 23, 29, 40, 41, 45, 46, 47	57, 62, 63	54*, 57	21, 22, 23, 29	10 to 36 inc. 40, 41, 45, 46, 47
Off-road Vehicle	40, 41, 45, 46, 47	40, 41, 45, 46, 47	40, 41, 45, 46, 47	40, 41, 45, 46, 47	10, 14, 16, 17, 40, 41, 45, 46, 47	57, 62, 63	54*, 57	21, 22, 23, 29	10 to 36 inc. 40, 41, 45, 46, 47, 75
Rail Vehicle	48, 49, 57	48, 49, 57	40, 41, 45, 46, 47, 48, 49	40, 41, 45, 46, 47, 48, 49	41, 45, 46, 47		54*, 57	21, 22, 23, 29, 70	10, 14, 46, 47
Ship or Marine	48, 49, 57, 60, 63	48, 49, 57, 60, 63	40, 48, 49, 57	40, 41, 45, 46, 47				70, 71	31, 37, 40, 53, 57, 60, 64, 72, 73, 74, 75, 80
Construction & Mining locations	40, 41, 45, 46, 47	40, 41, 45, 46, 47	40, 41, 45, 46, 47	40, 41, 45, 46, 47		21 to 37inc., 57, 60, 62, 63	54, 57, 62, 63	21, 22, 23	10 to 36inc., 40, 41, 45, 46, 47
Stationary Equipment moved from Site to Site	21, 22, 23, 40, 41, 54*, 57*	40, 41, 54*, 57*	21, 22, 23, 40, 41, 54*, 57*	40, 41, 54*, 57*		31, 33, 36, 37, 57, 60, 62, 63		21, 22, 23	31 to 36inc., 47
Equipment Protection during Transportation	54, 57, 62, 63	54, 57, 62, 63	54, 57, 62, 63	54, 57, 62, 63	53, 54, 62, 63	31, 33, 36, 37			
Hand Operated Equipment			21, 22, 23, 40, 45, 54	21, 22, 23, 44, 45, 54	21, 22, 23, 40, 44, 45, 47	10, 21, 22, 23, 29, 31 to 36inc., 55, 61, 62			

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CAT. REF.:04-S-21 ISSUE:04H

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