



## Options

### 1- Electric Heating

Quick Start Electric Heating is an option on our chilled beams. The minimum heating outputs available on our units are shown in the table 3.

Table 3 - Electric heater output

Unit	Electric power (w)	Heat output (w)
980	1019	750
1270	1321	1000
1570	1633	1200
2170	2257	1650
2770	2881	2150



### 2- Constant Air Volume Control Dampers Type KVR

Constant volume control dampers made of fire retardant plastics. The range covers an air flow range between 15 up to 700 m<sup>3</sup>/h within a pressure range from 50 up to 200 Pa. Intermediate air flow settings can be manufactured upon request (price +15%)

#### Application

- To obtain constant air volumes in ventilation and air conditioning systems within a pressure range between 50 and 200Pa
- For air supply or exhaust duct systems
- Maximum working temperature 60°C

#### Material

- Fire retardant plastics classified M1

#### Colour

- Black

#### Composition

- Body, valve and piston made out of fire retardant plastics M1
- Stainless steel calibrated spring
- Rubber air-tight sealing



#### Mounting

- To be inserted inside round ducts
- For horizontal or vertical mounting
- When horizontally mounted the marking "BAS" must be horizontal
- To be placed according to the marked airflow direction
- To be placed at a minimum distance of 3x the duct diameter from air supply plenums
- To be placed at a minimum distance of 1x the duct diameter from air exhaust plenums



## Sound Data

Chart 1

### 125 mm KVR Constant Volume Regenerated Noise

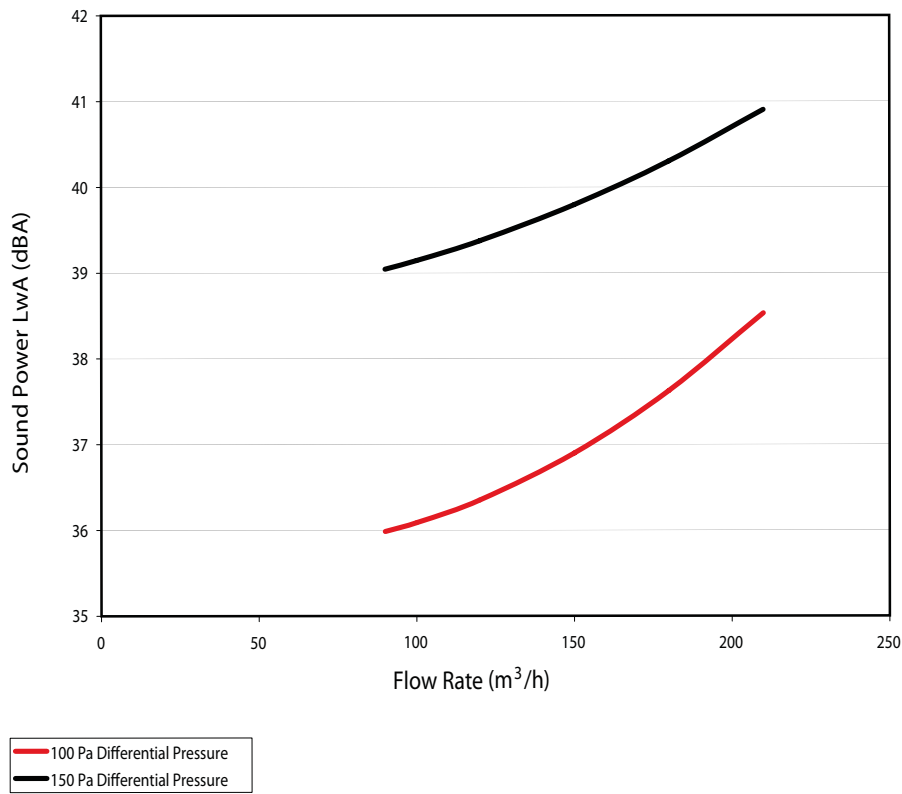
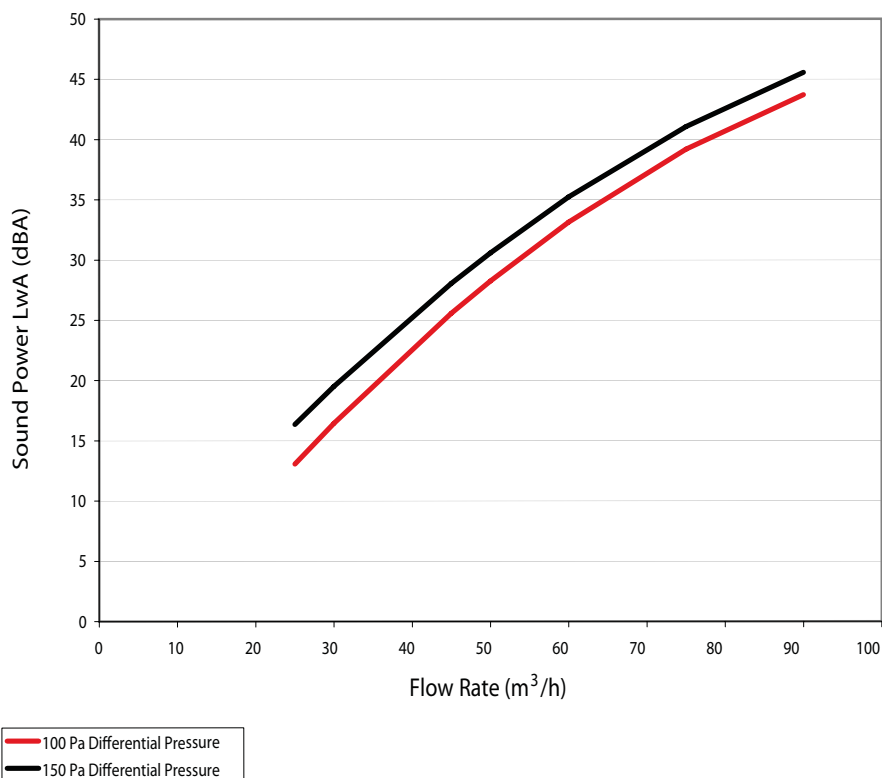


Chart 2

### 100 mm KVR Constant Volume Regenerated Noise





## Options

### 3- Valves

Honeywell valves are available with our Active Beams. Select from 2 port 3 port dependant on your system. The Advised Valve for the indicated flow rate is given in the table 4 .

Table 4 - Valves

ABM Beam	Valve Flow cap. (l/sec)	Circuit Pr. drop(kPa)	Valve Pd (kPa)	VALVES	Valve type	DN size	Kvs value	Auth. %
ABM 300 980	0.025	0.9	1.14	V5833C1025	3-way mixing,bypass	15mm	1	55.9
ABM 300 980	0.033	1.4	1.38	V5833C1025	3-way mixing,bypass	15mm	1	49.7
ABM 300 980	0.042	2.1	2.24	V5833C1025	3-way mixing,bypass	15mm	1	51.6
ABM 300 1270	0.022	0.8	0.615	V5833C1025	3-way mixing,bypass	15mm	1	43.5
ABM 300 1270	0.031	1.3	1.22	V5833C1025	3-way mixing,bypass	15mm	1	48.4
ABM 300 1270	0.039	1.9	1.93	V5833C1025	3-way mixing,bypass	15mm	1	50.4
ABM 300 1570	0.019	0.6	0.508	V5833C1025	3-way mixing,bypass	15mm	1	45.8
ABM 300 1570	0.028	1.3	0.996	V5833C1025	3-way mixing,bypass	15mm	1	43.4
ABM 300 1570	0.036	2.1	1.65	V5833C1025	3-way mixing,bypass	15mm	1	43.9
ABM 300 2170	0.056	6.7	4.57	V5833C1025	3-way mixing,bypass	15mm	1	40.6
ABM 300 2170	0.069	9.8	15.7	V5823C2025	3-way mixing,bypass	15mm	0.63	61.5
ABM 300 2170	0.084	13.4	8.96	V5823C2025	3-way mixing,bypass	15mm	1	40.1
ABM 300 2770	0.050	6.8	8	V5823C2025	3-way mixing,bypass	15mm	0.63	54.1
ABM 300 2770	0.069	11.6	15.2	V5823C2025	3-way mixing,bypass	15mm	0.63	56.8
ABM 300 2770	0.089	17.7	25.3	V5823C2025	3-way mixing,bypass	15mm	0.63	58.9
ABM 300 980	0.025	0.9	1.14	V5832A1046	2-way	15mm	1	55.9
ABM 300 980	0.033	1.4	1.38	V5832A1046	2-way	15mm	1	49.7
ABM 300 980	0.042	2.1	2.24	V5832A1046	2-way	15mm	1	51.6
ABM 300 1270	0.022	0.8	0.615	V5832A1046	2-way	15mm	1	43.5
ABM 300 1270	0.031	1.3	1.22	V5832A1046	2-way	15mm	1	48.4
ABM 300 1270	0.039	1.9	1.93	V5832A1046	2-way	15mm	1	50.4
ABM 300 1570	0.019	0.6	0.508	V5832A1046	2-way	15mm	1	45.8
ABM 300 1570	0.028	1.3	0.996	V5832A1046	2-way	15mm	1	43.4
ABM 300 1570	0.036	2.1	1.65	V5832A1046	2-way	15mm	1	43.9
ABM 300 2170	0.056	6.7	4.57	V5832A1046	2-way	15mm	1	40.6
ABM 300 2170	0.069	9.8	15.7	V5822A1030	2-way	15mm	0.63	61.5
ABM 300 2170	0.084	13.4	8.96	V5832A1046	2-way	15mm	1	40.1
ABM 300 2770	0.050	6.8	8	V5822A1030	2-way	15mm	0.63	54.1
ABM 300 2770	0.069	11.6	15.2	V5822A1030	2-way	15mm	0.63	56.8
ABM 300 2770	0.089	17.7	25.3	V5822A1030	2-way	15mm	0.63	58.9