

# Spot louvres

## SPOT LOUVRES

### introduction

The spot louvre range is designed to offer localised regulation and directional control of air services at a desk or bench and is suitable for both supply and extract applications.

The units are constructed in anodised aluminium and are available in eight sizes handling air flow rates up to 300 l/s.

The SLD version is fitted with a face operated damper enabling the occupant to regulate or shut the air supply off when not required.



### type

**SL**

### control

Damper control - D

### options

For all additional available options, border styles, fixings, finishes and plenums see document **PART L**

### fixings

Perimeter flange mounting holes provided.

### finish

SL louvres are supplied in Satin anodised aluminium as standard, but are also available in a wide range of stove enamelled colours as detailed in document **PART L**.

### sizes

The SL louvre is manufactured in 8 standard sizes, ranging from 85mm - 280mm duct diameter.

See table opposite for dimensions (mm).

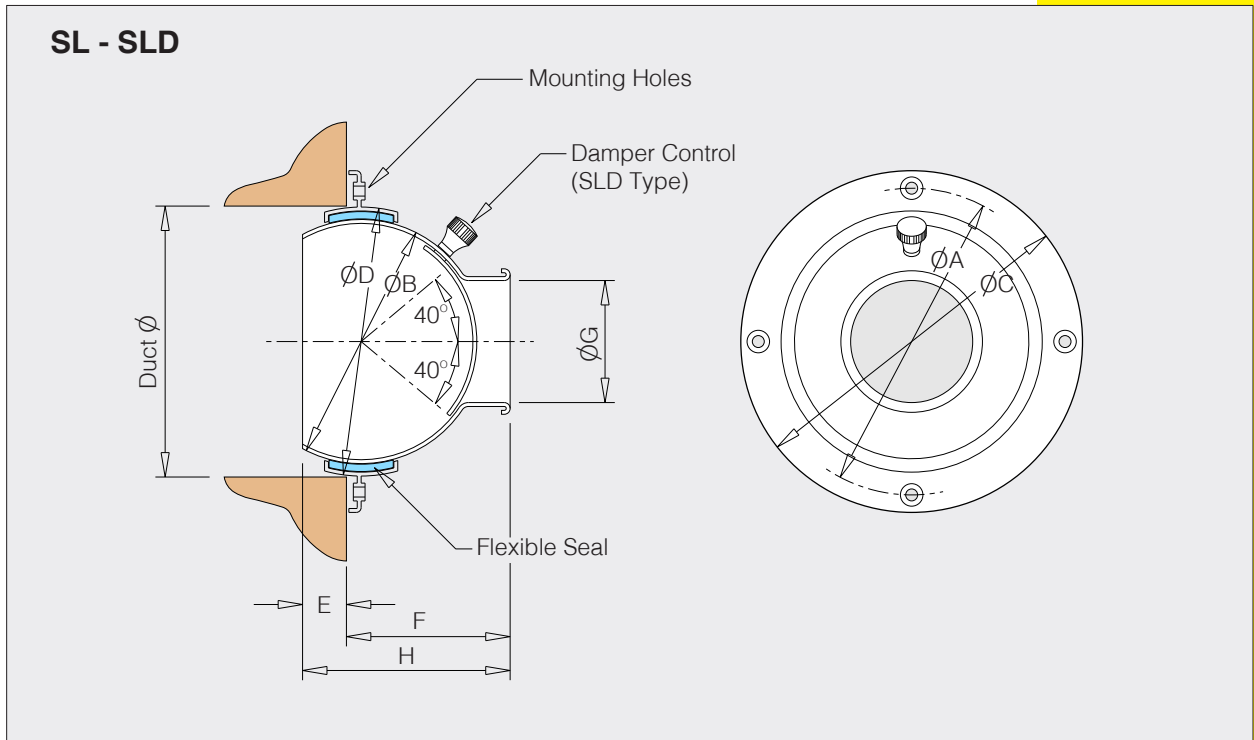
### ordering details

#### example:

<u>type</u>	<u>finish</u>	<u>sizes</u>	<u>quantity</u>
SLD	/ SAA /	6	/ 3

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## DIMENSIONS



### DIMENSIONS (mm)

SIZE	A	B	C	D	E	F	G	H	DUCT DIA	SCREW HOLES
SL3	97	75	115	82	17	53	38	70	85	3
SL4	122	100	140	107	24	65	50	89	111	4
SL5	152	130	170	137	33	82	65	115	140	5
SL6	172	150	190	158	38	94	75	132	161	5
SL7	213	178	231	185	38	111	90	149	190	5
SL8	232	200	250	204	44	120	100	164	208	5
SL10	304	267	324	276	50	174	140	224	280	5
SL12	342	305	363	314	63	200	165	263	318	5

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## SELECTION DATA

SIZE	PARAMETER	AIR FLOW RATE (l/s)														
		10	15	20	25	30	40	50	60	80	100	125	150	200	250	300
<b>3</b>	THROW (m)	3.5	6	8.5												
	NR LEVEL	24	31	37												
	PRESSURE (Pa)	50	100	200												
<b>4</b>	THROW (m)	2.5	3.5	5	6.5	8	11									
	NR LEVEL	15	21	25	28	31	35									
	PRESSURE (Pa)	18	40	70	110	160	280									
<b>5</b>	THROW (m)		2.5	3.5	5	6	9	11.5	14							
	NR LEVEL		15	17	21	23	27	31	33							
	PRESSURE (Pa)		14	24	37	52	88	135	190							
<b>6</b>	THROW (m)			3	4	5	7	9.5	12	18						
	NR LEVEL			15	16	19	23	27	30	35						
	PRESSURE (Pa)			12	18	27	49	75	110	210						
<b>7</b>	THROW (m)					4.5	6	7.5	9	12	15					
	NR LEVEL					15	18	22	25	29	33					
	PRESSURE (Pa)					14	24	38	55	95	150					
<b>8</b>	THROW (m)						6	7.5	9	12	15	18				
	NR LEVEL						15	18	21	26	29	33				
	PRESSURE (Pa)						15	22	32	57	90	140				
<b>10</b>	THROW (m)								6.5	8	10	12	14	18	22	
	NR LEVEL								<15	15	18	23	27	33	38	
	PRESSURE (Pa)								10	16	25	38	54	95	145	
<b>12</b>	THROW (m)									7	8.5	10	12	15	18	22
	NR LEVEL									<15	16	20	24	30	34	38
	PRESSURE (Pa)									6	10	16	23	40	65	94

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## BASIS OF DATA

Jet throws are based on free jet conditions to a terminal velocity of 0.25m/s.  
Acoustic data is presented in terms of NR levels based on a room absorption factor of 8dB.