



infinity[®]

Air Handling Units

Internal and External - EHB or LPHW
0.11 m³/sec to 1.4 m³/sec
EC Motors
Low Specific Fan Power

Features and benefits

infinity[®] – Air Handling Units

- Internal and External
- EHB and LPHW heating
- ErP Compliant
- EC fans to suit L2
- IME/IMW/SPE/SPW denotes internally mounted unit
- EME/EMW/SRE/SRW denotes externally mounted unit

Low Energy EC Fans

Energy Efficient direct drive fans

Low sfp to help achieve L2 Regulations

Integral trickle and boost and isolator

Flexible design to suit your application

Units are constructed from galvanised steel
0.9mm to 1.6 mm depending on model

External models are plasti-sol coated.

Horizontal or vertical mounting - top or bottom access

External models with removable weather lid

Panel filters fitted into slide-in channels - EU3/G3 grade standard

Integral mounting points for floor or ceiling mounting

Acoustic lining to reduce noise breakout

Units are lined with 20mm Barafoam "O" class liner.

A 6mm barrier mat layer is incorporated in the liner

This significantly reduces noise breakout

Energy Saving Controls

Stand-alone control panels with door isolator

Stepped or thyristor electric heater control

Fire alarm circuits

Temperature set-point for heater control

Accessories

Silencers

Powder coated silencers

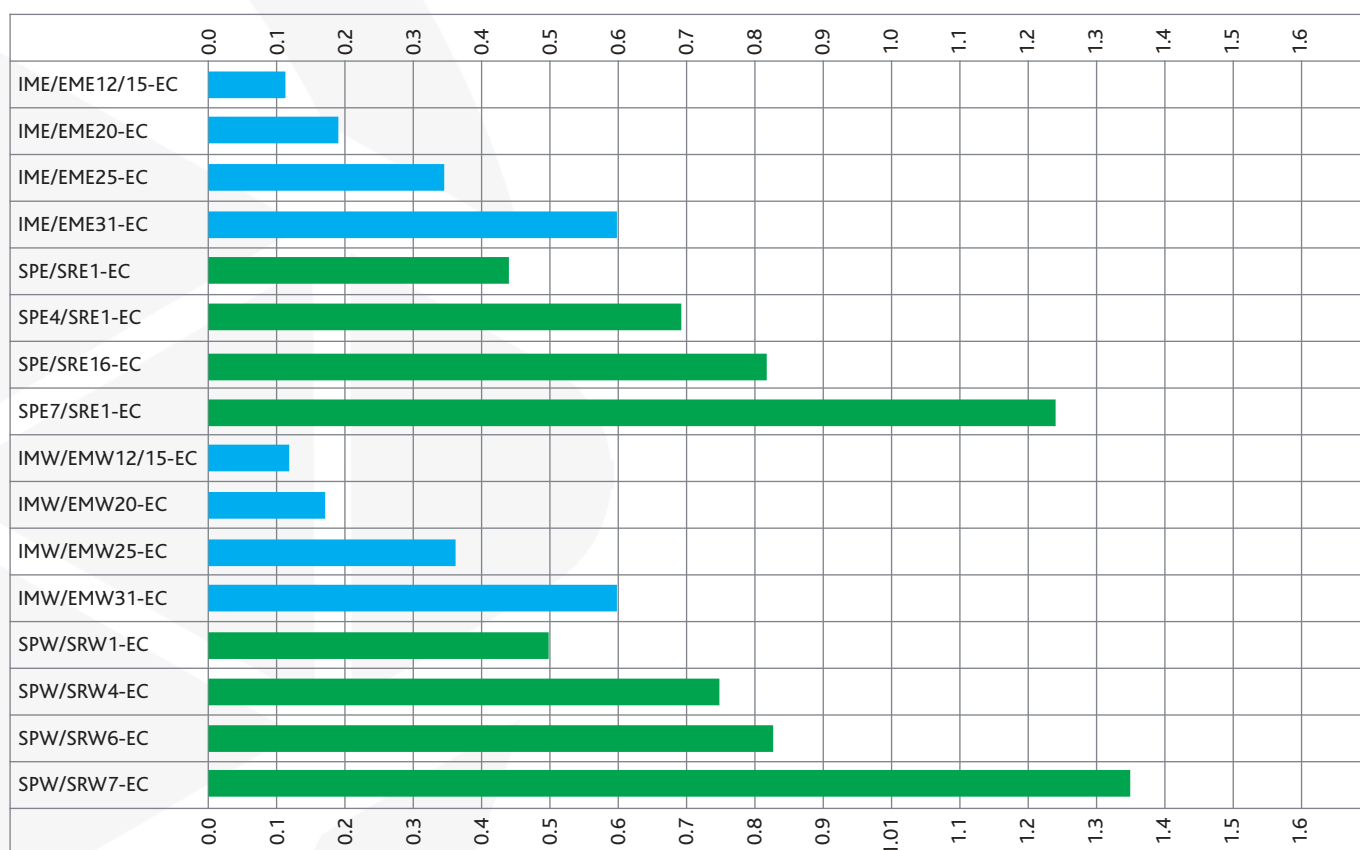
Filter Boxes

AV mounts

Duct clamps/flexible connectors

Selection Chart

Maximum Air Volume (m³/sec)

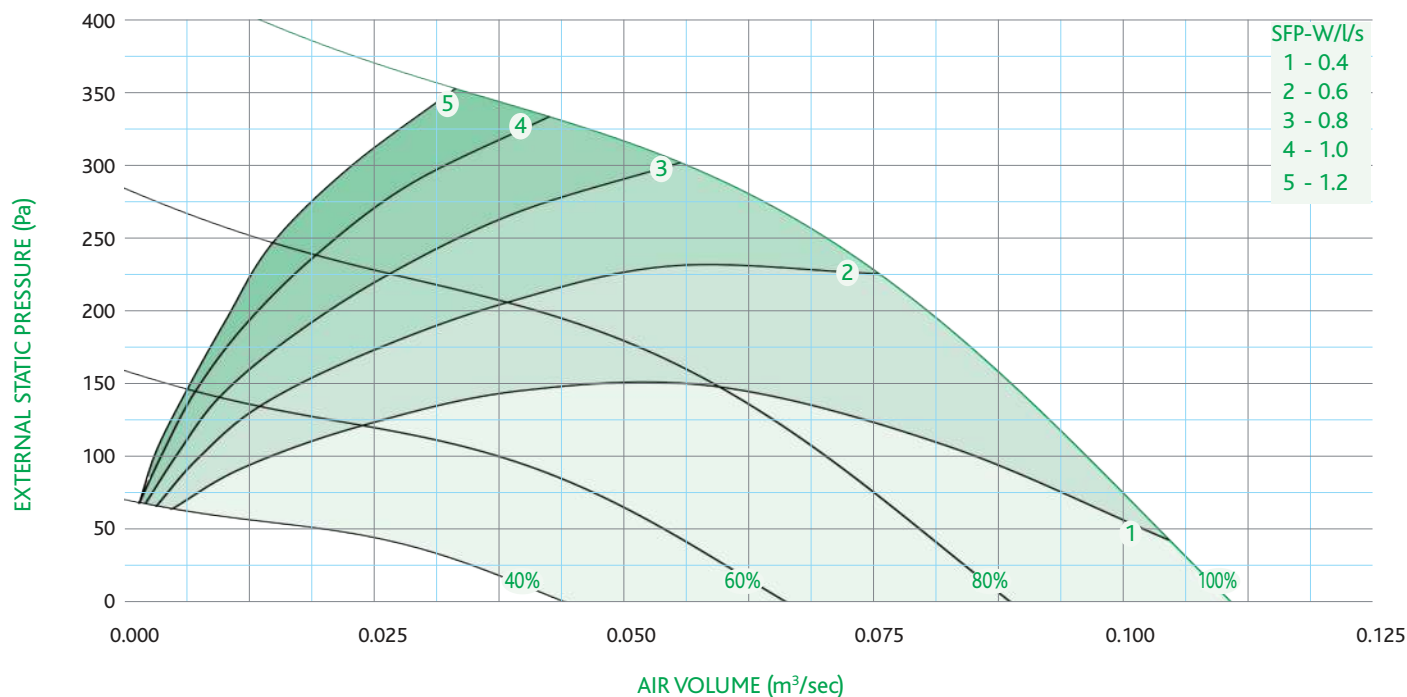


infinity[®] - COMPACT AIR HANDLING UNITS

INTERNAL AND EXTERNAL - ELECTRIC HEATER BATTERY

TECHNICAL DATA - IME/EME 12/15-ECs

FAN SPEED



ELECTRICAL DATA

	MODEL	FAN POWER W	SUPPLY	FLC amps
	IME/EME 12/15-EC	52	230V 1Ph	0.40

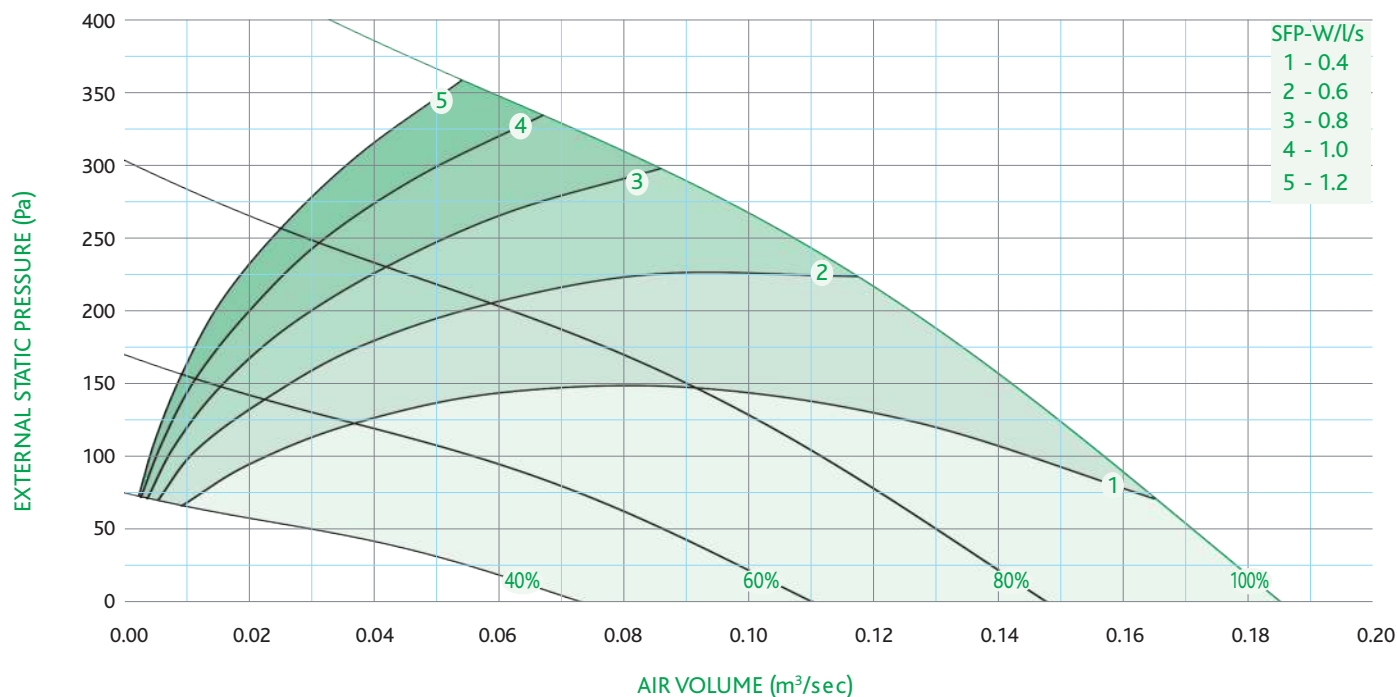
IME/EME 12/15-EC		Mid Octave Frequency band / Hz								Total in Duct		Breakout @ 1m		Breakout @ 3m	
		63	125	250	500	1k	2k	4k	8k	dB	dB(A)	dB(A)	NR	dB(A)	NR
100%	Inlet in duct dB	62	57	60	66	63	61	74	60	76	76	28	23	<20	<20
	Outlet in duct dB	65	60	63	69	66	64	77	63	79	79				
80%	Inlet in duct dB	57	52	56	61	58	56	66	54	69	68	24	<20	<20	<20
	Outlet in duct dB	60	55	59	64	61	59	69	57	72	71				
60%	Inlet in duct dB	50	47	51	55	52	50	52	46	60	59	<20	<20	<20	<20
	Outlet in duct dB	53	50	54	58	55	53	55	49	63	62				
40%	Inlet in duct dB	43	46	48	48	43	40	34	29	53	49	<20	<20	<20	<20
	Outlet in duct dB	46	49	51	51	46	43	37	32	56	52				

infinity[®] - COMPACT AIR HANDLING UNITS

INTERNAL AND EXTERNAL - ELECTRIC HEATER BATTERY

TECHNICAL DATA - IME20/EME20-ECs

FAN SPEED



ELECTRICAL DATA

	MODEL	FAN POWER W	SUPPLY	FLC amps
	IME20/EME20-EC	70	230V 1Ph	0.55

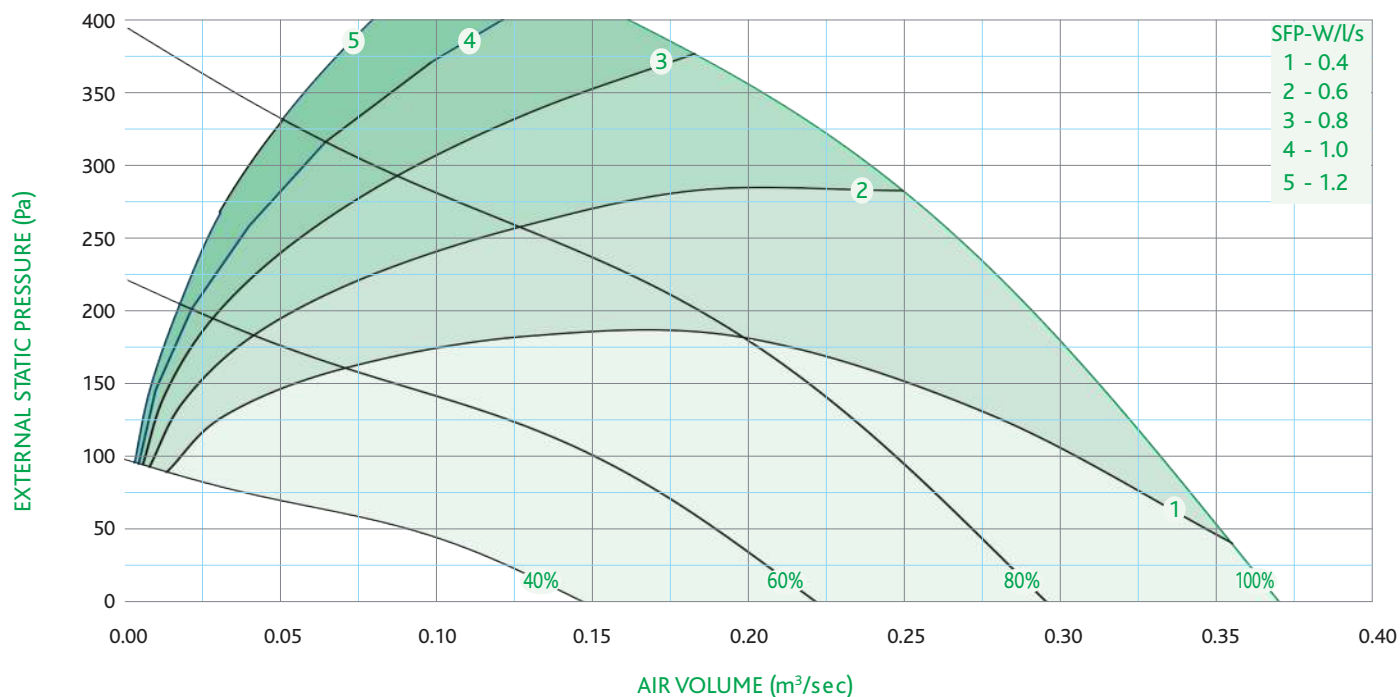
IME20/EME20-EC		Mid Octave Frequency band / Hz								Total in Duct		Breakout @ 1m		Breakout @ 3m	
		63	125	250	500	1k	2k	4k	8k	dB	dB(A)	dB(A)	NR	dB(A)	NR
100%	Inlet in duct dB	63	70	72	68	66	65	63	69	77	73	38	37	28	26
	Outlet in duct dB	66	73	75	71	69	68	66	72	80	76				
80%	Inlet in duct dB	59	65	66	62	61	59	58	61	71	67	33	30	23	20
	Outlet in duct dB	62	68	69	65	64	62	61	64	74	70				
60%	Inlet in duct dB	52	58	59	56	54	52	52	49	64	60	25	22	<20	<20
	Outlet in duct dB	55	51	62	59	57	55	55	52	66	63				
40%	Inlet in duct dB	44	52	51	47	43	39	36	28	56	49	<20	<20	<20	<20
	Outlet in duct dB	47	55	54	50	46	42	39	31	59	52				

infinity[®] - COMPACT AIR HANDLING UNITS

INTERNAL AND EXTERNAL - ELECTRIC HEATER BATTERY

TECHNICAL DATA - IME25/EME25-ECs

FAN SPEED



ELECTRICAL DATA

	MODEL	FAN POWER W	SUPPLY	FLC amps
	IME25/EME25-EC	170	230V 1Ph	1.4

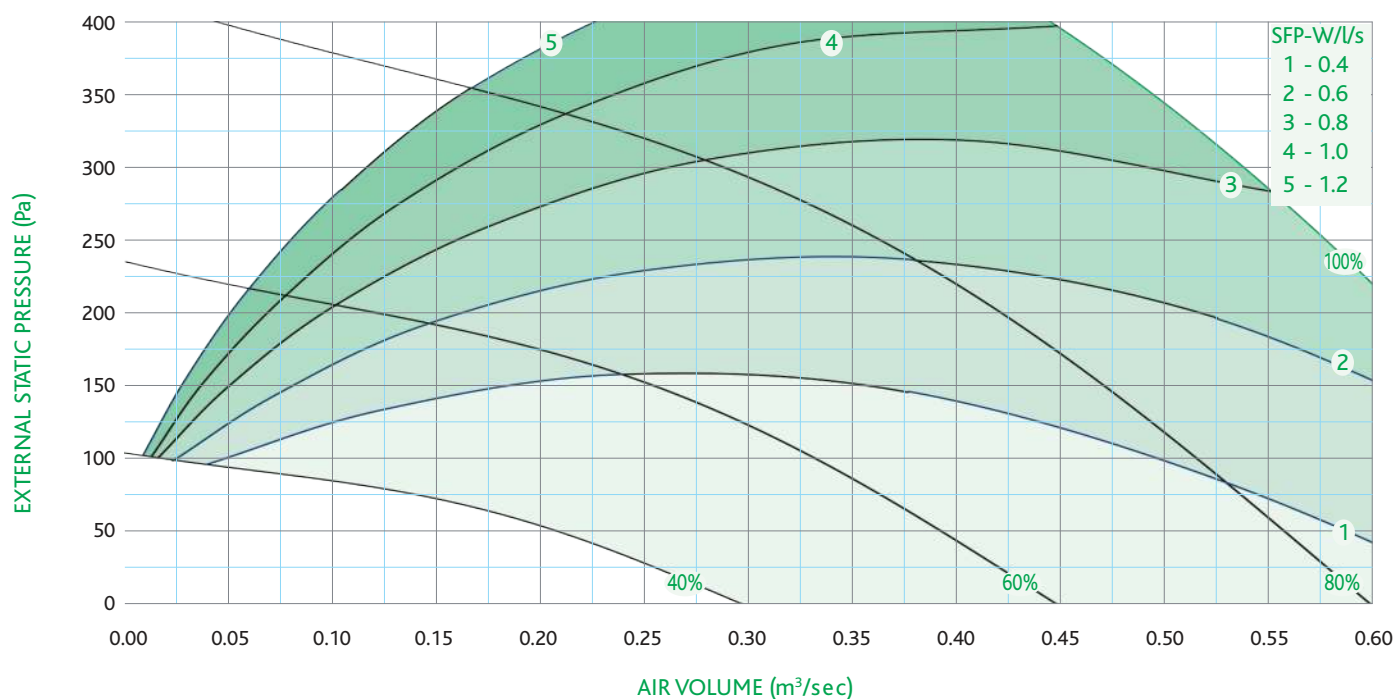
IME25/EME25-EC		Mid Octave Frequency band / Hz								Total in Duct		Breakout @ 1m		Breakout @ 3m	
		63	125	250	500	1k	2k	4k	8k	dB	dB(A)	dB(A)	NR	dB(A)	NR
100%	Inlet in duct dB	59	62	67	66	67	65	67	65	73	72	33	31	24	20
	Outlet in duct dB	62	65	70	69	70	68	70	68	76	75				
80%	Inlet in duct dB	53	57	61	60	62	60	62	60	68	66	27	24	20	<20
	Outlet in duct dB	56	60	64	63	65	63	65	63	71	69				
60%	Inlet in duct dB	46	50	53	52	54	52	54	52	60	58	<20	<20	<20	<20
	Outlet in duct dB	49	53	56	55	57	55	57	55	63	61				
40%	Inlet in duct dB	37	40	42	43	41	38	41	38	49	46	<20	<20	<20	<20
	Outlet in duct dB	40	43	45	46	44	41	44	41	52	49				

infinity[®] - COMPACT AIR HANDLING UNITS

INTERNAL AND EXTERNAL - ELECTRIC HEATER BATTERY

TECHNICAL DATA - IME31/EME31-ECs

FAN SPEED



ELECTRICAL DATA

	MODEL	FAN POWER W	SUPPLY	FLC amps
	IME31/EME31-EC	510	230V 1Ph	3.1

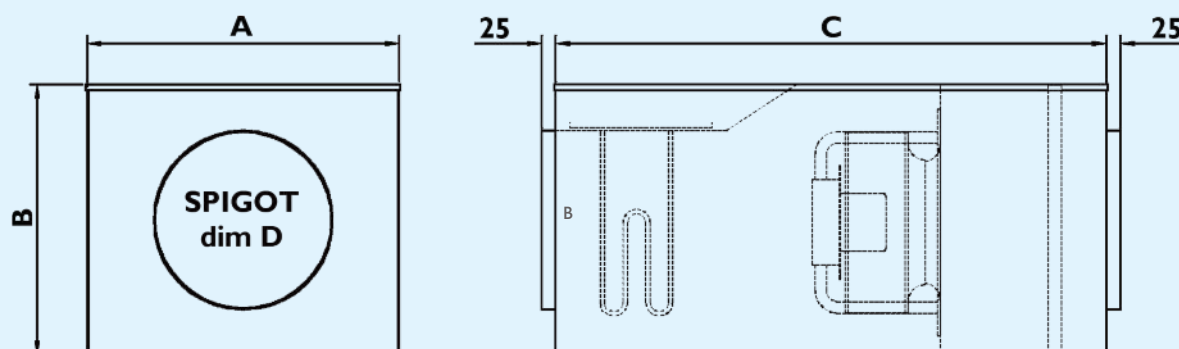
IME31/EME31-EC		Mid Octave Frequency band / Hz								Total in Duct		Breakout @ 1m		Breakout @ 3m	
		63	125	250	500	1k	2k	4k	8k	dB	dB(A)	dB(A)	NR	dB(A)	NR
100%	Inlet in duct dB	66	70	80	79	77	73	70	64	84	82	46	45	36	34
	Outlet in duct dB	69	73	83	82	80	76	73	67	87	85				
80%	Inlet in duct dB	61	65	74	73	72	68	65	59	79	76	40	39	31	29
	Outlet in duct dB	64	68	77	76	75	71	68	62	82	79				
60%	Inlet in duct dB	54	59	67	65	64	60	58	52	72	69	33	31	24	21
	Outlet in duct dB	57	62	70	68	67	63	61	55	75	72				
40%	Inlet in duct dB	46	51	55	53	51	50	49	42	60	57	21	<20	<20	<20
	Outlet in duct dB	49	54	58	56	54	53	52	45	63	60				

infinity[®] - COMPACT AIR HANDLING UNITS

INTERNAL AND EXTERNAL - ELECTRIC HEATER BATTERY

UNIT DIMENSIONS

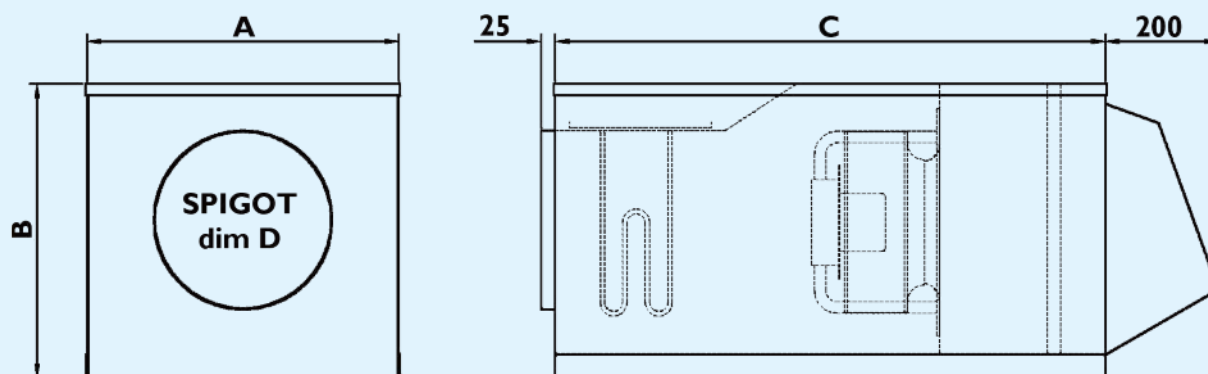
INTERNAL - IME ECs



COMPACT AHUs - INTERNAL and EXTERNAL - EHB

Model	A	B	C	D	kg	Model	A	B	C	D	kg
IME12-EC	400	225	750	125	29	EME12-EC	400	350	750	125	24
IME15-EC	400	225	750	150	29	EME15-EC	400	350	750	150	24
IME20-EC	475	335	850	200	37	EME20-EC	425	375	850	200	35
IME25-EC	500	400	920	250	45	EME25-EC	650	450	900	250	43
IME31-EC	550	475	970	315	49	EME31-EC	650	475	900	315	47

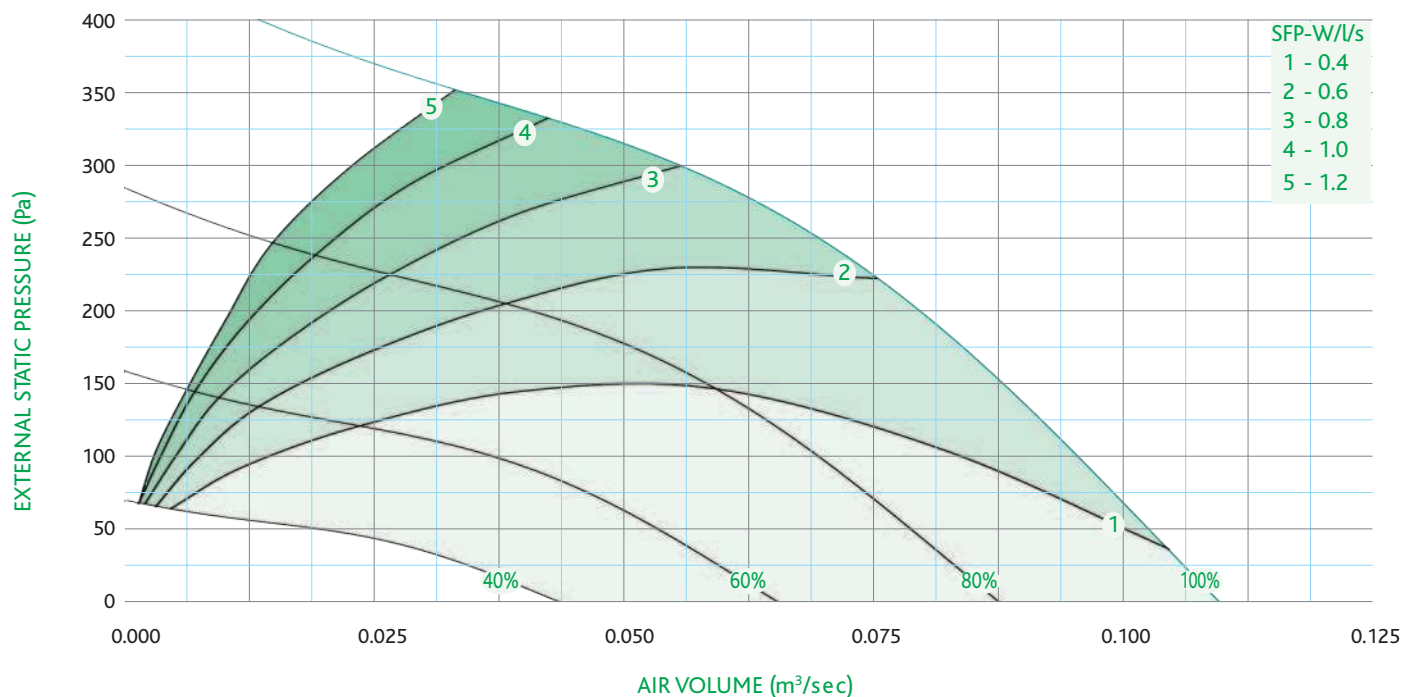
EXTERNAL - EME ECs



infinity[®] - COMPACT AIR HANDLING UNITS INTERNAL AND EXTERNAL - LPHW HEATING COIL

TECHNICAL DATA - IMW/EMW 12/15-ECs

FAN SPEED



ELECTRICAL DATA

	MODEL	FAN POWER W	SUPPLY	FLC amps
	IMW/EMW 12/15-EC	52	230V 1Ph	0.4

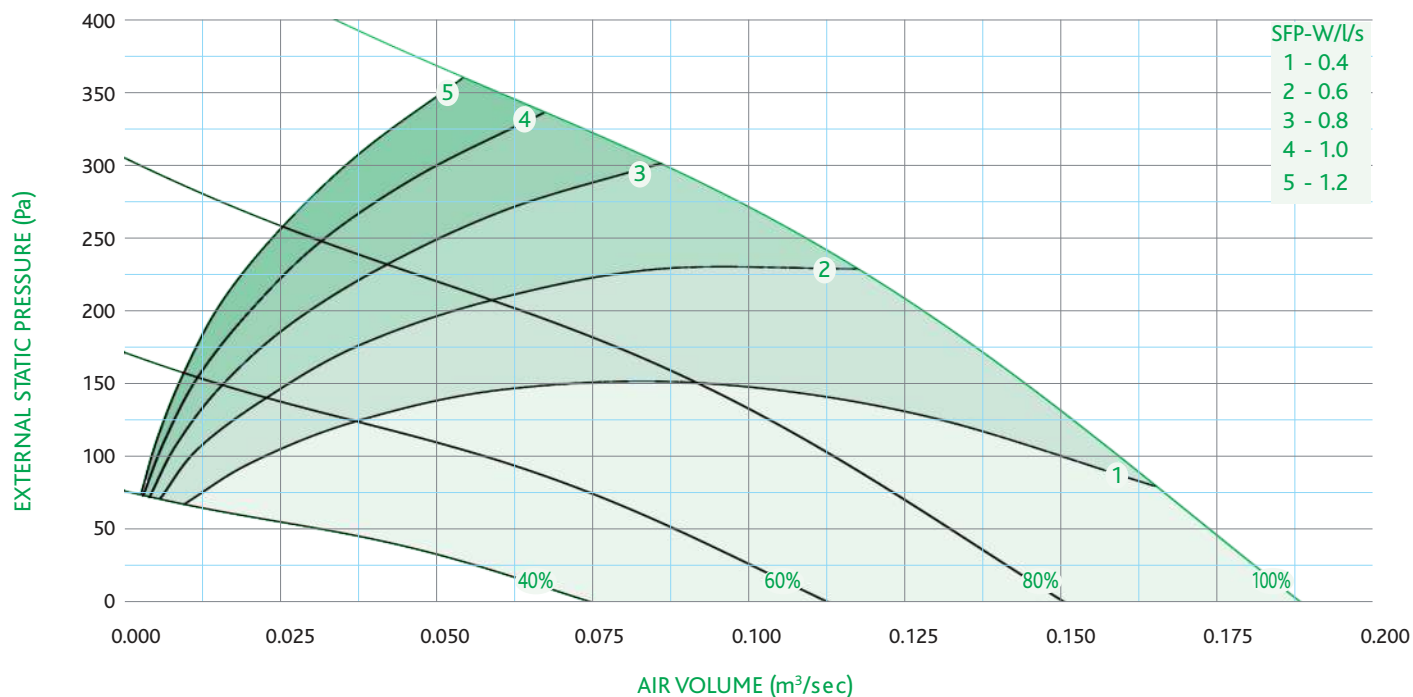
IMW/EMW 12/15-EC		Mid Octave Frequency band / Hz								Total in Duct		Breakout @ 1m		Breakout @ 3m	
		63	125	250	500	1k	2k	4k	8k	dB	dB(A)	dB(A)	NR	dB(A)	NR
100%	Inlet in duct dB	62	57	60	66	63	61	74	60	76	76	28	23	<20	<20
	Outlet in duct dB	65	60	63	69	66	64	77	63	79	79				
80%	Inlet in duct dB	57	52	56	61	58	56	66	54	69	68	24	<20	<20	<20
	Outlet in duct dB	60	55	59	64	61	59	69	57	72	71				
60%	Inlet in duct dB	50	47	51	55	52	50	52	46	60	59	<20	<20	<20	<20
	Outlet in duct dB	53	50	54	58	55	53	55	49	63	62				
40%	Inlet in duct dB	43	46	48	48	43	40	34	29	53	49	<20	<20	<20	<20
	Outlet in duct dB	46	49	51	51	46	43	37	32	56	52				

infinity[®] - COMPACT AIR HANDLING UNITS

INTERNAL AND EXTERNAL - LPHW HEATING COIL

TECHNICAL DATA - IMW20/EMW20-ECs

FAN SPEED



ELECTRICAL DATA

	MODEL	FAN POWER W	SUPPLY	FLC amps
	IMW20/EMW20-EC	70	230V 1Ph	0.55

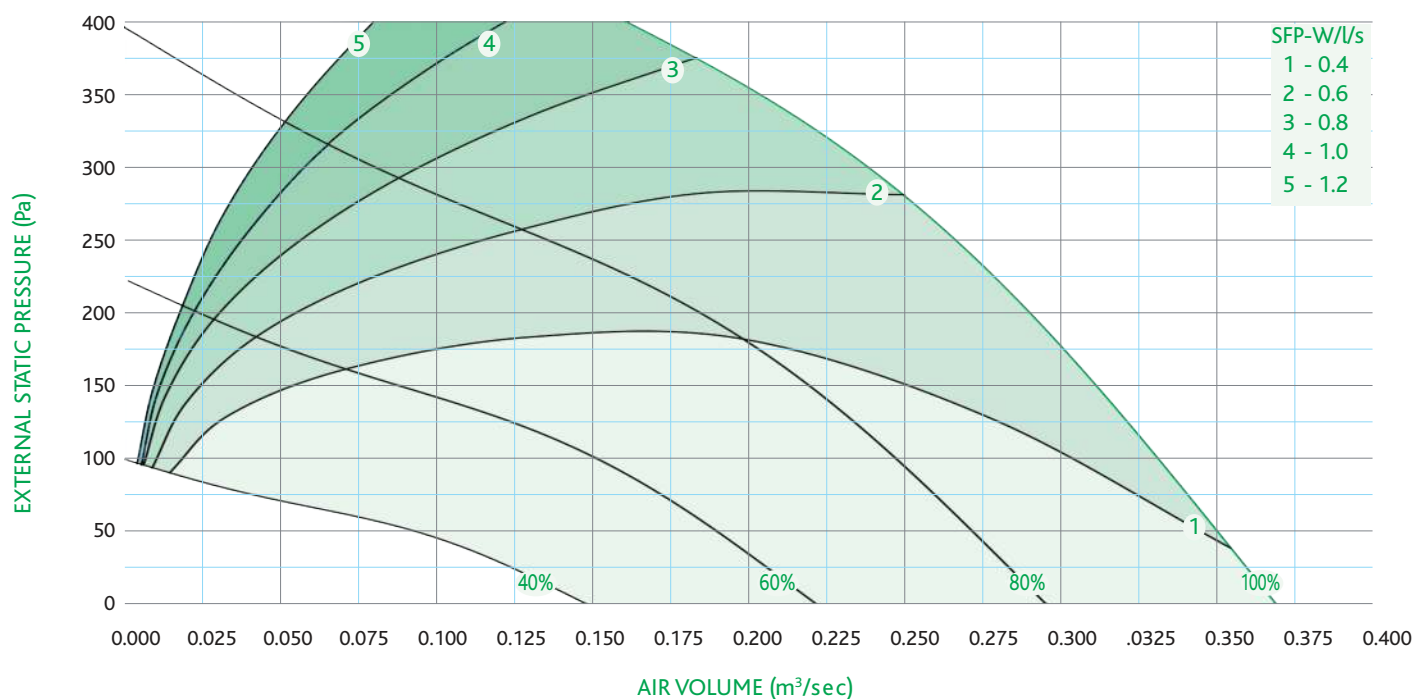
IMW20/EMW20-EC		Mid Octave Frequency band / Hz								Total in Duct		Breakout @ 1m		Breakout @ 3m	
		63	125	250	500	1k	2k	4k	8k	dB	dB(A)	dB(A)	NR	dB(A)	NR
100%	Inlet in duct dB	63	70	72	68	66	65	63	69	77	73	38	37	28	26
	Outlet in duct dB	66	73	75	71	69	68	66	72	80	76				
80%	Inlet in duct dB	59	65	66	62	61	59	58	61	71	67	33	30	23	20
	Outlet in duct dB	62	68	69	65	64	62	61	64	74	70				
60%	Inlet in duct dB	52	58	59	56	54	52	52	49	64	60	25	22	<20	<20
	Outlet in duct dB	55	51	62	59	57	55	55	52	66	63				
40%	Inlet in duct dB	44	52	51	47	43	39	36	28	56	49	<20	<20	<20	<20
	Outlet in duct dB	47	55	54	50	46	42	39	31	59	52				

infinity[®] - COMPACT AIR HANDLING UNITS

INTERNAL AND EXTERNAL - LPHW HEATING COIL

TECHNICAL DATA - IMW25/EMW25-ECs

FAN SPEED



ELECTRICAL DATA

	MODEL	FAN POWER W	SUPPLY	FLC amps
	IMW25/EMW25-EC	170	230V 1Ph	1.4

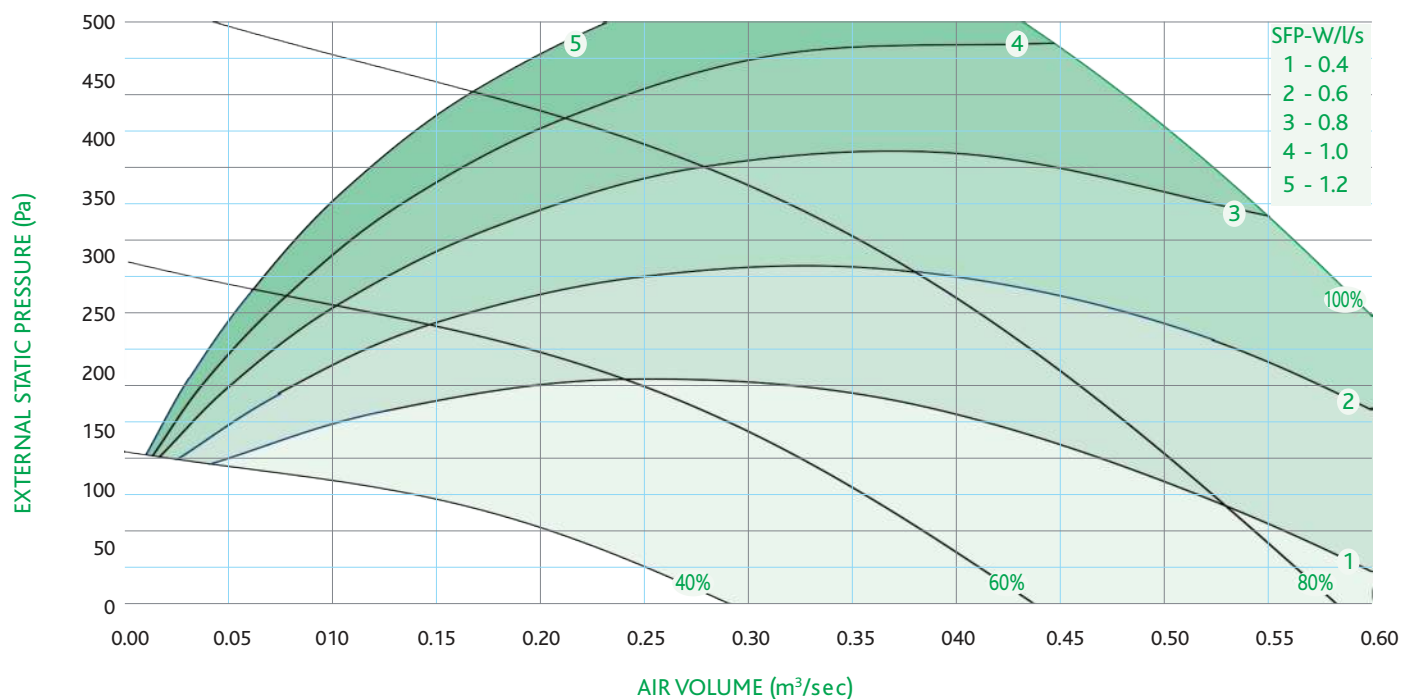
IMW25/EMW25-EC		Mid Octave Frequency band / Hz								Total in Duct		Breakout @ 1m		Breakout @ 3m	
		63	125	250	500	1k	2k	4k	8k	dB	dB(A)	dB(A)	NR	dB(A)	NR
100%	Inlet in duct dB	59	62	67	66	67	65	61	60	73	72	33	31	24	20
	Outlet in duct dB	62	65	70	69	70	68	64	63	76	75				
80%	Inlet in duct dB	53	57	61	60	62	60	55	55	68	66	27	24	<20	<20
	Outlet in duct dB	56	60	64	63	65	63	58	58	71	69				
60%	Inlet in duct dB	46	50	53	52	54	52	48	46	60	58	<20	<20	<20	<20
	Outlet in duct dB	49	53	56	55	57	55	51	49	63	61				
40%	Inlet in duct dB	37	40	42	43	41	38	34	28	49	46	<20	<20	<20	<20
	Outlet in duct dB	40	43	45	46	44	41	37	31	52	49				

infinity[®] - COMPACT AIR HANDLING UNITS

INTERNAL AND EXTERNAL - LPHW HEATING COIL

TECHNICAL DATA - IMW31/EMW31-ECs

FAN SPEED



ELECTRICAL DATA

	MODEL	FAN POWER W	SUPPLY	FLC amps
	IMW31/EMW31-EC	510	230V 1Ph	3.1

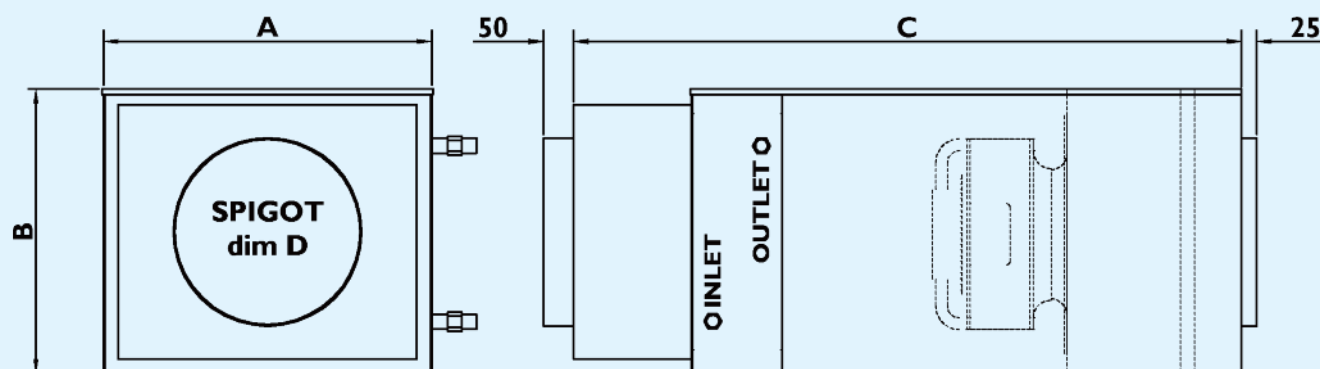
IMW31/EMW31- EC		Mid Octave Frequency band / Hz								Total in Duct		Breakout @ 1m		Breakout @ 3m	
		63	125	250	500	1k	2k	4k	8k	dB	dB(A)	dB(A)	NR	dB(A)	NR
100%	Inlet in duct dB	66	70	80	79	77	73	70	64	84	82	46	45	36	34
	Outlet in duct dB	69	73	83	82	80	76	73	67	87	85				
80%	Inlet in duct dB	61	65	74	73	72	68	65	59	79	76	40	39	31	29
	Outlet in duct dB	64	68	77	76	75	71	68	62	82	79				
60%	Inlet in duct dB	54	59	67	65	64	60	58	52	72	69	33	31	24	21
	Outlet in duct dB	57	62	70	68	67	63	61	55	75	72				
40%	Inlet in duct dB	46	51	55	53	51	50	49	42	60	57	21	<20	<20	<20
	Outlet in duct dB	49	54	58	56	54	53	52	45	63	60				

infinity[®] - COMPACT AIR HANDLING UNITS

INTERNAL AND EXTERNAL - LPHW HEATING COIL

UNIT DIMENSIONS

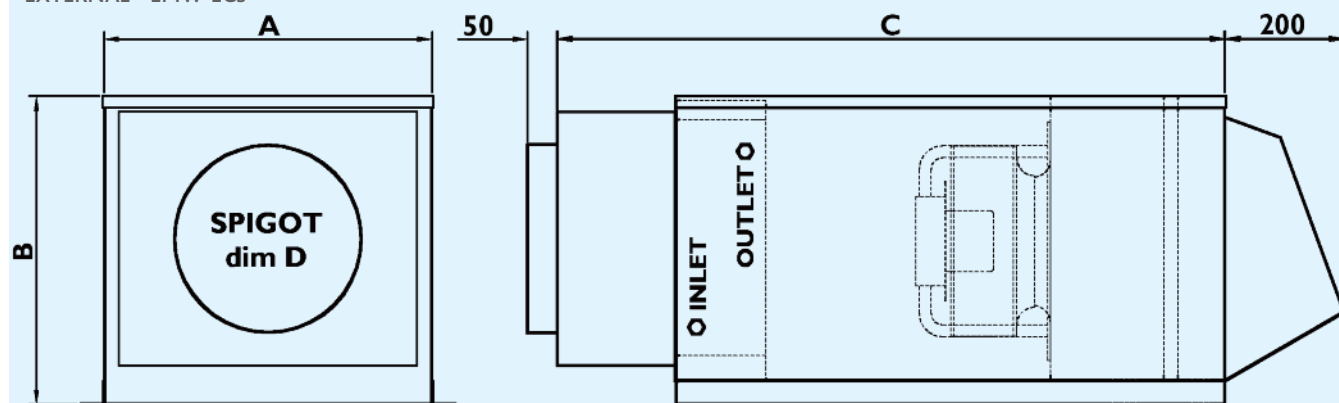
INTERNAL - IMW-ECs



COMPACT AHUs - INTERNAL and EXTERNAL - LPHW

Model	A	B	C	D	kg	Model	A	B	C	D	kg
IMW12-EC	400	225	900	125	29	EMW12-EC	400	350	900	125	30
IMW15-EC	400	225	900	150	29	EMW15-EC	400	350	900	150	30
IMW20-EC	475	335	1000	200	37	EMW20-EC	425	375	1000	200	40
IMW25-EC	500	400	1070	250	45	EMW25-EC	650	450	1070	250	45
IMW31-EC	550	475	1120	315	49	EMW31-EC	650	475	1120	315	50

EXTERNAL - EMW-ECs

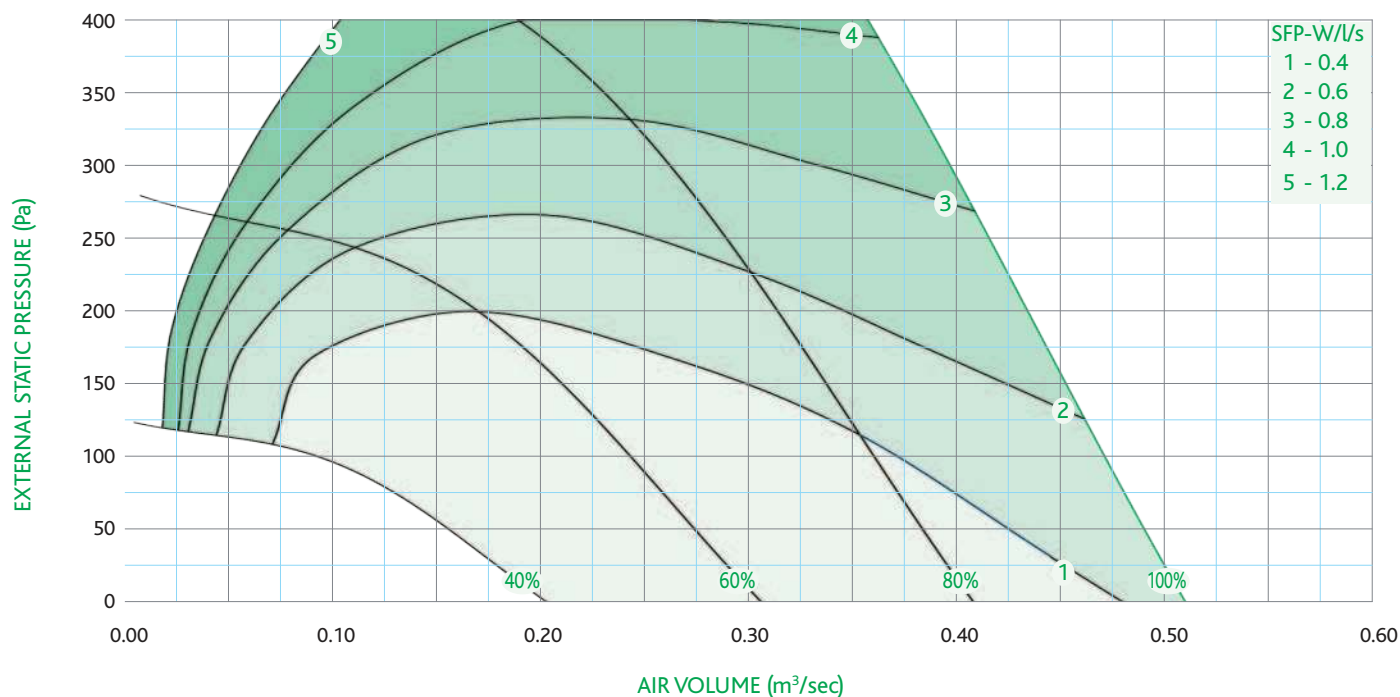


infinity® - AIR HANDLING UNITS

INTERNAL AND EXTERNAL - ELECTRIC HEATER BATTERY

TECHNICAL DATA - SPE1/SRE1-ECs

FAN SPEED



ELECTRICAL DATA

	MODEL	FAN POWER W	SUPPLY	FLC amps
	SPE1/SRE1-EC	490	230V 1Ph	3.0

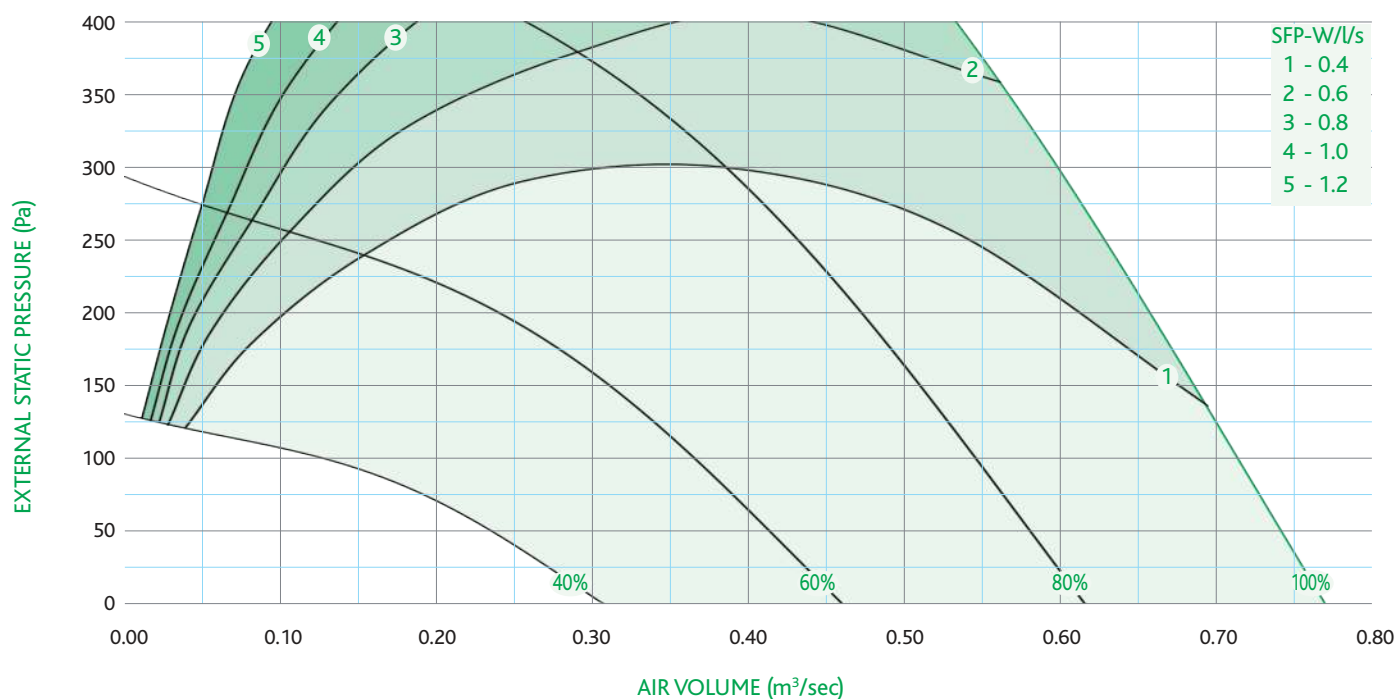
SPE1/SRE1-ECs		Mid Octave Frequency band / Hz								Total in Duct		Breakout @ 1m		Breakout @ 3m	
		63	125	250	500	1k	2k	4k	8k	dB	dB(A)	dB(A)	NR	dB(A)	NR
100%	Inlet in duct dB	69	75	75	78	77	73	72	76	84	82	51	48	41	38
	Outlet in duct dB	72	78	78	81	80	76	75	79	87	85				
80%	Inlet in duct dB	64	70	70	73	72	67	67	71	79	77	46	43	36	32
	Outlet in duct dB	67	73	73	76	75	70	70	74	82	80				
60%	Inlet in duct dB	57	64	63	67	65	60	60	63	72	70	39	36	30	26
	Outlet in duct dB	60	67	66	70	68	63	63	66	75	73				
40%	Inlet in duct dB	47	57	54	56	55	51	51	51	63	60	30	26	21	<20
	Outlet in duct dB	50	60	57	59	58	54	54	54	66	63				

infinity® - AIR HANDLING UNITS

INTERNAL AND EXTERNAL - ELECTRIC HEATER BATTERY

TECHNICAL DATA - SPE4/SRE4-ECs

FAN SPEED



ELECTRICAL DATA

	MODEL	FAN POWER W	SUPPLY	FLC amps
	SPE4/SRE4-EC	510	230V 1Ph	3.1

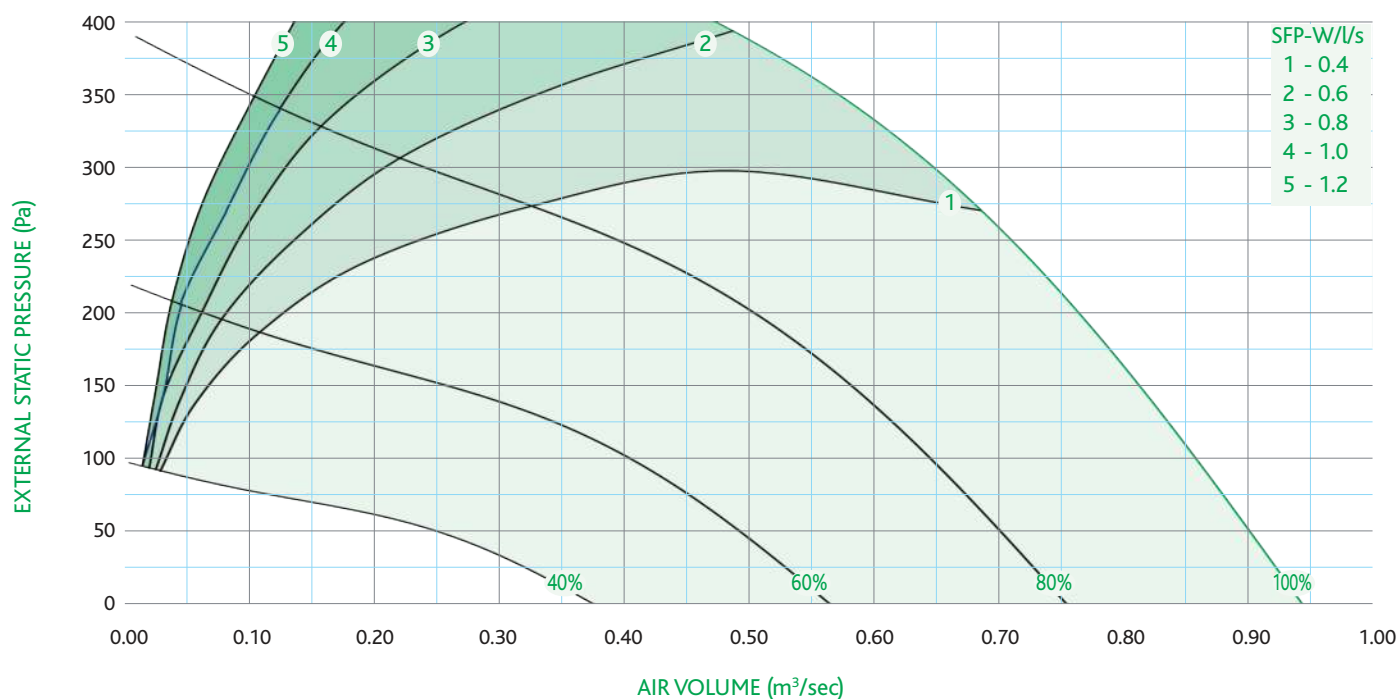
SPE4/SRE4-ECs		Mid Octave Frequency band / Hz								Total in Duct		Breakout @ 1m		Breakout @ 3m	
		63	125	250	500	1k	2k	4k	8k	dB	dB(A)	dB(A)	NR	dB(A)	NR
100%	Inlet in duct dB	66	70	80	79	78	74	70	65	85	82	54	53	45	44
	Outlet in duct dB	69	73	83	82	81	77	73	68	88	85				
80%	Inlet in duct dB	61	65	75	74	73	68	65	60	80	77	49	48	40	38
	Outlet in duct dB	64	68	78	77	76	71	68	63	83	80				
60%	Inlet in duct dB	54	59	68	67	65	61	59	53	73	70	42	41	33	31
	Outlet in duct dB	57	62	71	70	68	64	62	56	76	73				
40%	Inlet in duct dB	45	51	56	54	52	50	49	42	60	57	30	28	20	<20
	Outlet in duct dB	48	54	59	57	55	53	52	45	63	60				

infinity[®] - AIR HANDLING UNITS

INTERNAL AND EXTERNAL - ELECTRIC HEATER BATTERY

TECHNICAL DATA - SPE6/SRE6-ECs

FAN SPEED



ELECTRICAL DATA

	MODEL	FAN POWER W	SUPPLY	FLC amps
	SPE6/SRE6-EC	450	230V 1Ph	2.9

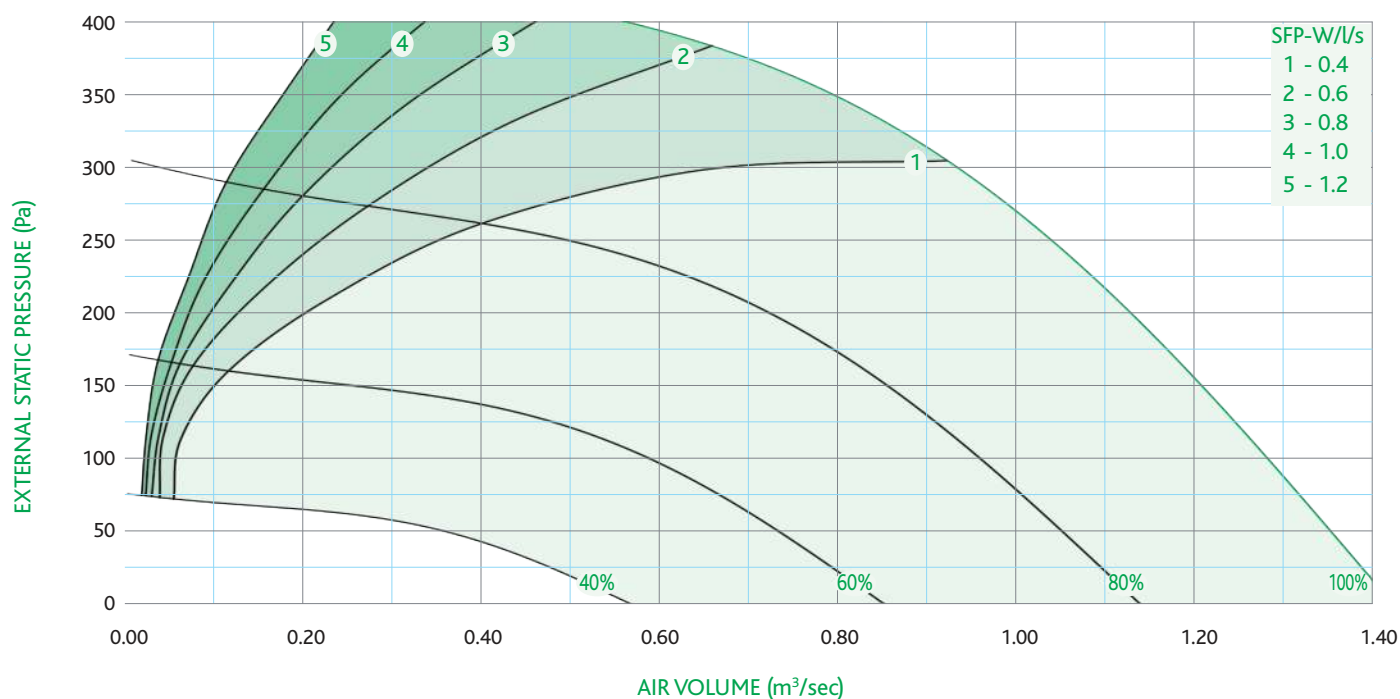
SPE6/SRE6-ECs		Mid Octave Frequency band / Hz								Total in Duct		Breakout @ 1m		Breakout @ 3m	
		63	125	250	500	1k	2k	4k	8k	dB	dB(A)	dB(A)	NR	dB(A)	NR
100%	Inlet in duct dB	64	75	74	76	68	66	65	54	81	76	50	47	40	38
	Outlet in duct dB	67	78	77	79	71	69	68	57	84	79				
80%	Inlet in duct dB	59	70	68	70	63	61	59	49	75	70	44	41	34	31
	Outlet in duct dB	62	73	71	73	66	64	62	52	78	73				
60%	Inlet in duct dB	53	63	61	62	55	54	51	42	68	63	36	33	27	22
	Outlet in duct dB	56	66	64	65	58	57	54	45	71	66				
40%	Inlet in duct dB	45	56	53	53	47	46	42	36	60	54	29	24	<20	<20
	Outlet in duct dB	48	59	56	56	50	49	45	39	63	57				

infinity® - AIR HANDLING UNITS

INTERNAL AND EXTERNAL - ELECTRIC HEATER BATTERY

TECHNICAL DATA - SPE7/SRE7-ECs

FAN SPEED



ELECTRICAL DATA

	MODEL	FAN POWER W	SUPPLY	FLC amps
	SPE7/SRE7-EC	640	230V 1Ph	2.9

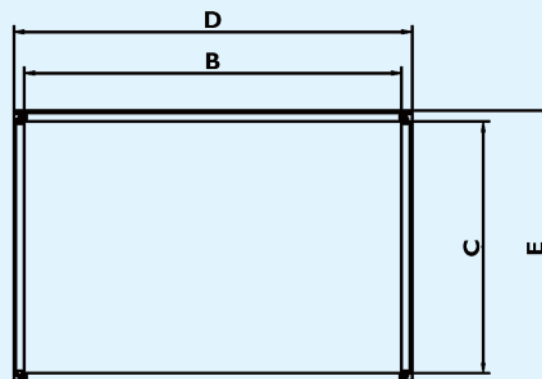
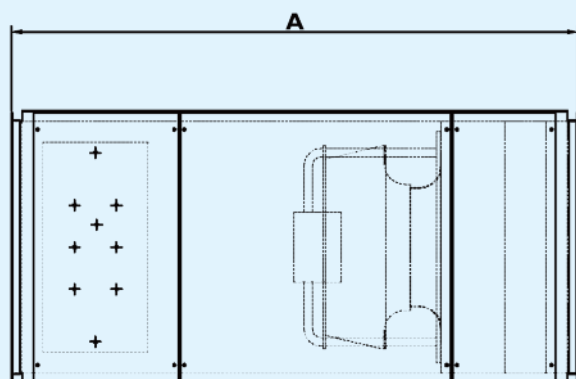
SPE7/SRE7-ECs		Mid Octave Frequency band / Hz								Total in Duct		Breakout @ 1m		Breakout @ 3m	
		63	125	250	500	1k	2k	4k	8k	dB	dB(A)	dB(A)	NR	dB(A)	NR
100%	Inlet in duct dB	66	71	73	73	63	64	63	52	78	73	46	44	37	34
	Outlet in duct dB	68	72	74	76	74	71	66	55	81	79				
80%	Inlet in duct dB	60	67	69	68	58	58	57	47	73	68	41	39	32	29
	Outlet in duct dB	63	67	69	71	69	65	61	50	76	73				
60%	Inlet in duct dB	55	58	60	59	51	52	50	40	65	60	33	30	24	20
	Outlet in duct dB	57	60	61	63	61	59	54	43	68	66				
40%	Inlet in duct dB	48	51	48	47	46	46	40	34	56	51	24	<20	<20	<20
	Outlet in duct dB	49	53	51	52	55	52	45	38	60	58				

infinity[®] - AIR HANDLING UNITS

INTERNAL AND EXTERNAL - ELECTRIC HEATER BATTERY

UNIT DIMENSIONS

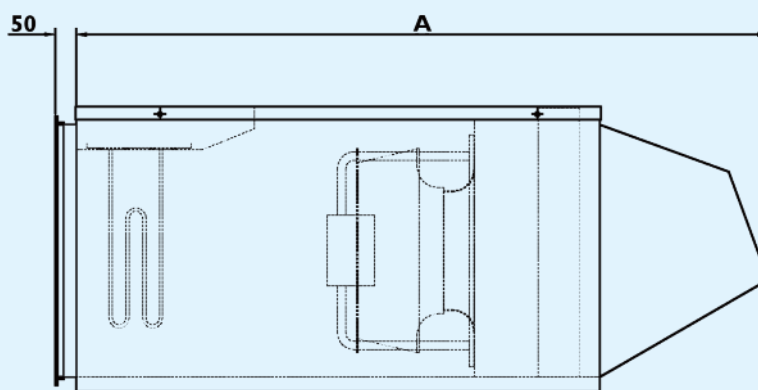
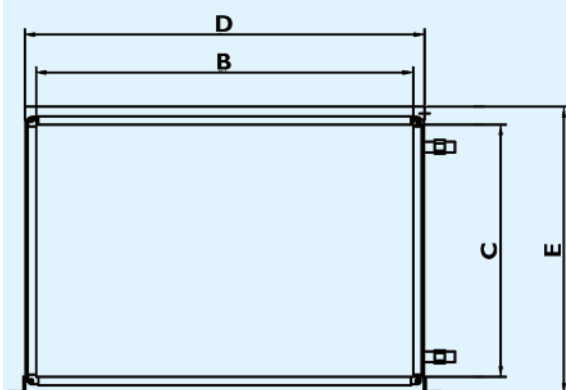
INTERNAL - SPE-ECs



AHUs - INTERNAL and EXTERNAL - EHB

Model	A	B	C	D	E	kg	Model	A	B	C	D	E	kg
SPE1-EC	1150	600	450	650	500	65	SRE1-EC	1350	600	450	650	580	57
SPE4-EC	1150	750	450	800	500	77	SRE4-EC	1350	750	450	800	580	66
SPE6-EC	1250	825	500	875	550	92	SRE6-EC	1600	825	500	875	580	78
SPE-7EC	1350	900	600	950	650	117	SRE7-EC	1650	900	600	950	680	97

EXTERNAL - SRE-ECs

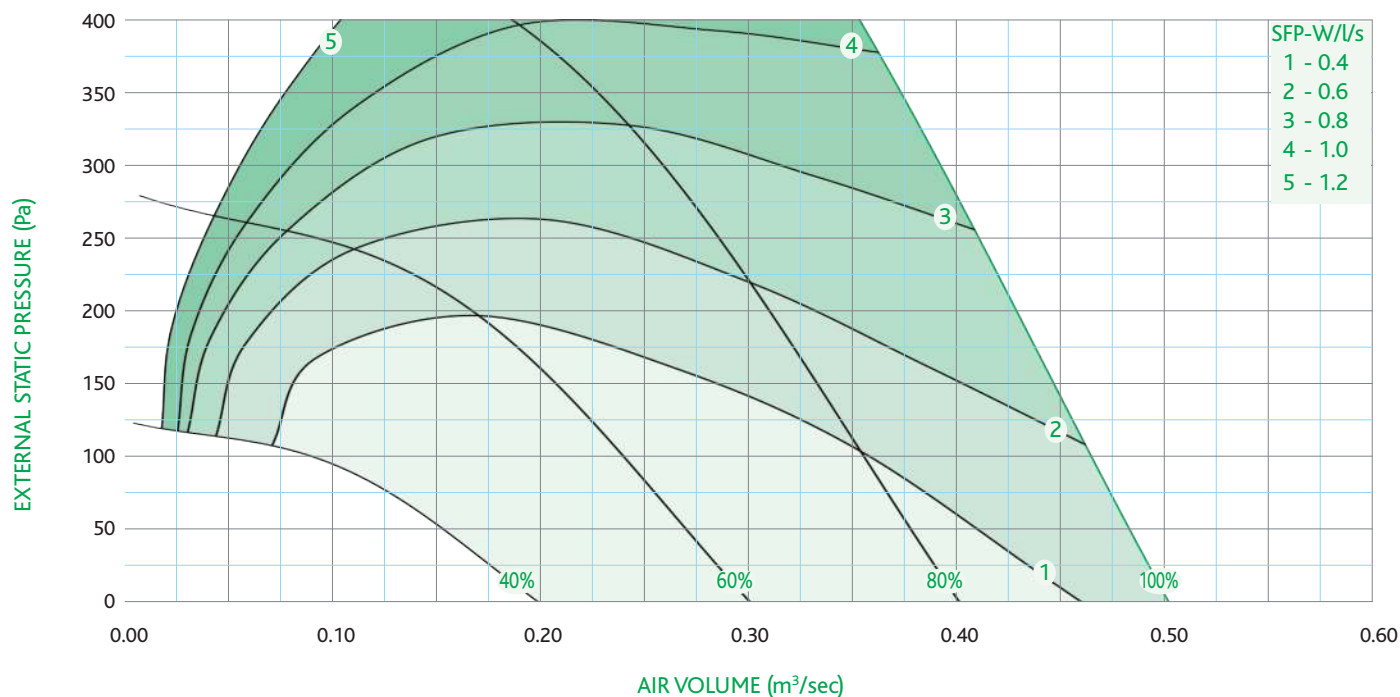


infinity® - AIR HANDLING UNITS

INTERNAL AND EXTERNAL - LPHW HEATING COIL

TECHNICAL DATA - SPW1/SRW1-ECs

FAN SPEED



ELECTRICAL DATA

	MODEL	FAN POWER W	SUPPLY	FLC amps
	SPW1/SRW1-EC	490	230V 1Ph	3.0

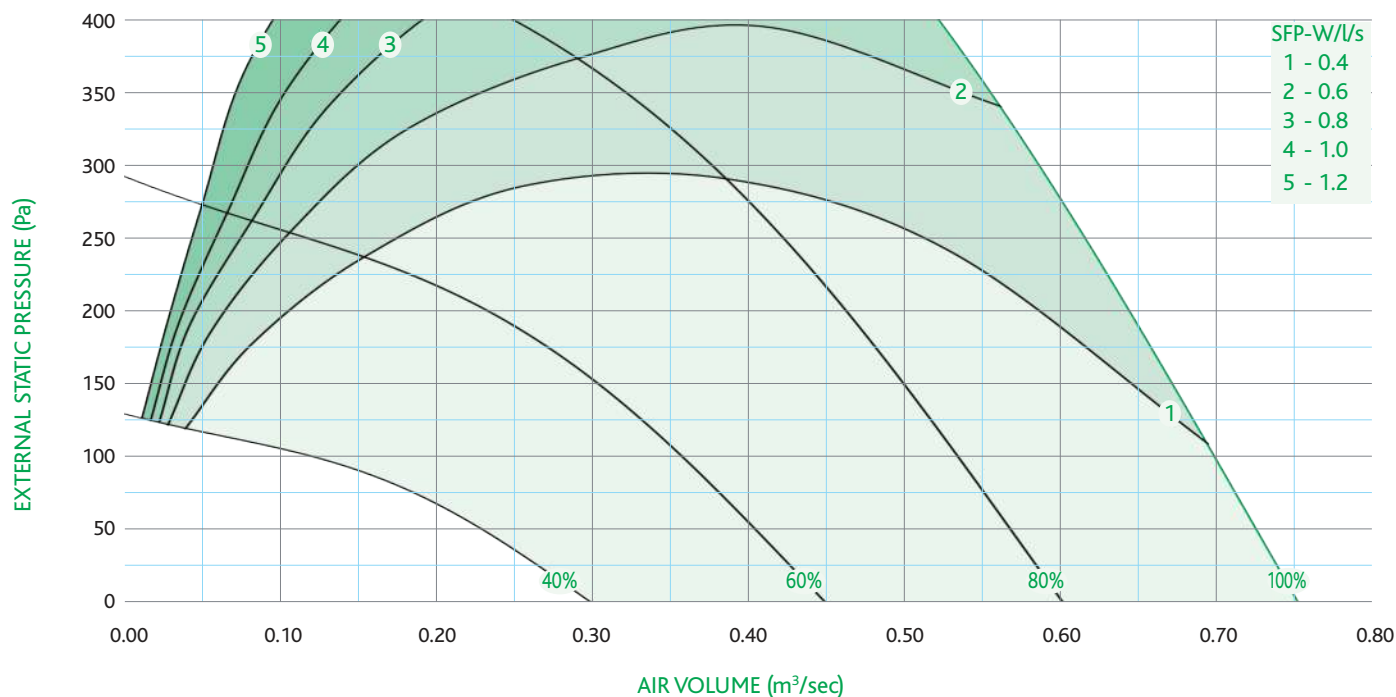
SPW1/SRW1-ECs		Mid Octave Frequency band / Hz								Total in Duct		Breakout @ 1m		Breakout @ 3m	
		63	125	250	500	1k	2k	4k	8k	dB	dB(A)	dB(A)	NR	dB(A)	NR
100%	Inlet in duct dB	69	75	75	78	77	73	72	76	84	82	51	48	41	38
	Outlet in duct dB	72	78	78	81	80	76	75	79	87	85				
80%	Inlet in duct dB	64	70	70	73	72	67	67	71	79	77	46	43	36	32
	Outlet in duct dB	67	73	73	76	75	70	70	74	82	80				
60%	Inlet in duct dB	57	64	63	67	65	60	60	63	72	70	39	36	30	26
	Outlet in duct dB	60	67	66	70	68	63	63	66	75	73				
40%	Inlet in duct dB	47	57	54	56	55	51	51	51	63	60	30	26	21	<20
	Outlet in duct dB	50	60	57	59	58	54	54	54	66	63				

infinity[®] - AIR HANDLING UNITS

INTERNAL AND EXTERNAL - LPHW HEATING COIL

TECHNICAL DATA - SPW4/SRW4-ECs

FAN SPEED



ELECTRICAL DATA

	MODEL	FAN POWER W	SUPPLY	FLC amps
	SPW4/SRW4-EC	510	230V 1Ph	3.1

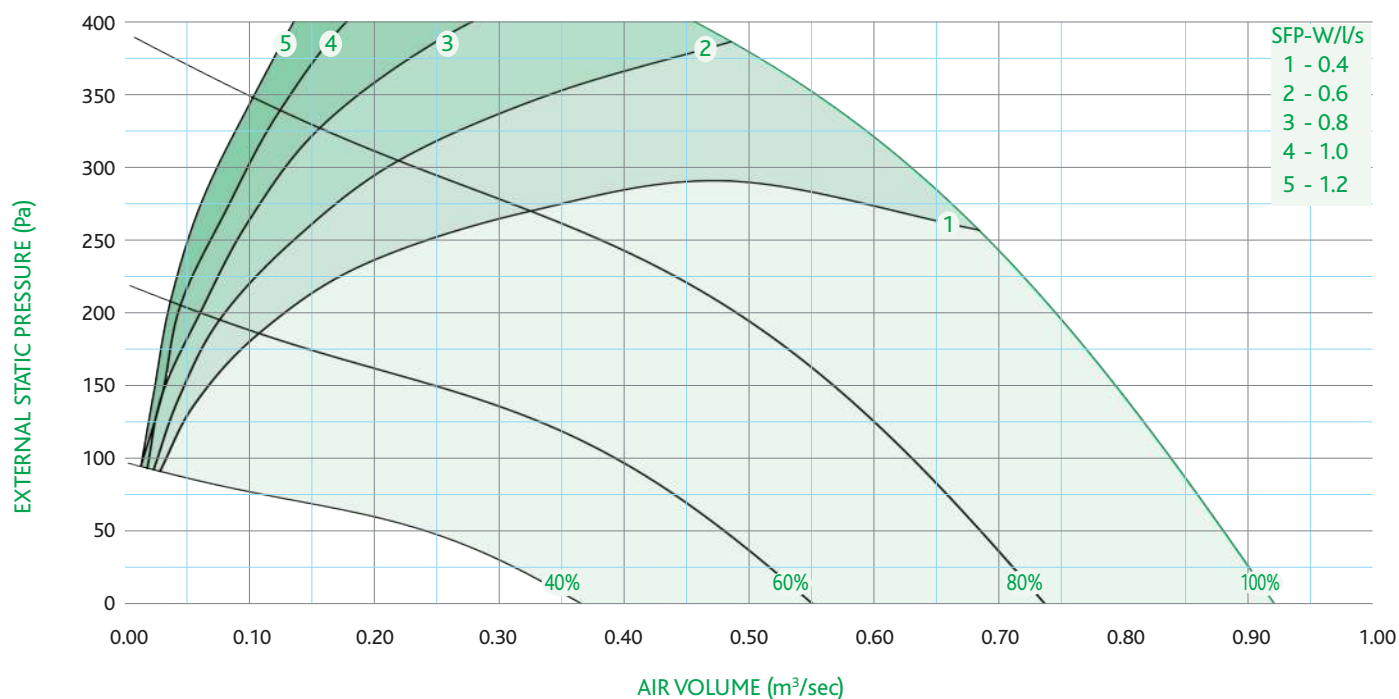
SPW4/SRW4-ECs		Mid Octave Frequency band / Hz								Total in Duct		Breakout @ 1m		Breakout @ 3m	
		63	125	250	500	1k	2k	4k	8k	dB	dB(A)	dB(A)	NR	dB(A)	NR
100%	Inlet in duct dB	66	70	80	79	78	74	70	65	85	82	54	53	45	44
	Outlet in duct dB	69	73	83	82	81	77	73	68	88	85				
80%	Inlet in duct dB	61	65	75	74	73	68	65	60	80	77	49	48	40	38
	Outlet in duct dB	64	68	78	77	76	71	68	63	83	80				
60%	Inlet in duct dB	54	59	68	67	65	61	59	53	73	70	42	41	33	31
	Outlet in duct dB	57	62	71	70	68	64	62	56	76	73				
40%	Inlet in duct dB	45	51	56	54	52	50	49	42	60	57	30	28	20	<20
	Outlet in duct dB	48	54	59	57	55	53	52	45	63	60				

infinity[®] - AIR HANDLING UNITS

INTERNAL AND EXTERNAL - LPHW HEATING COIL

TECHNICAL DATA - SPW6/SRW6-ECs

FAN SPEED



ELECTRICAL DATA

	MODEL	FAN POWER W	SUPPLY	FLC amps
	SPW6/SRW6-EC	450	230V 1Ph	2.9

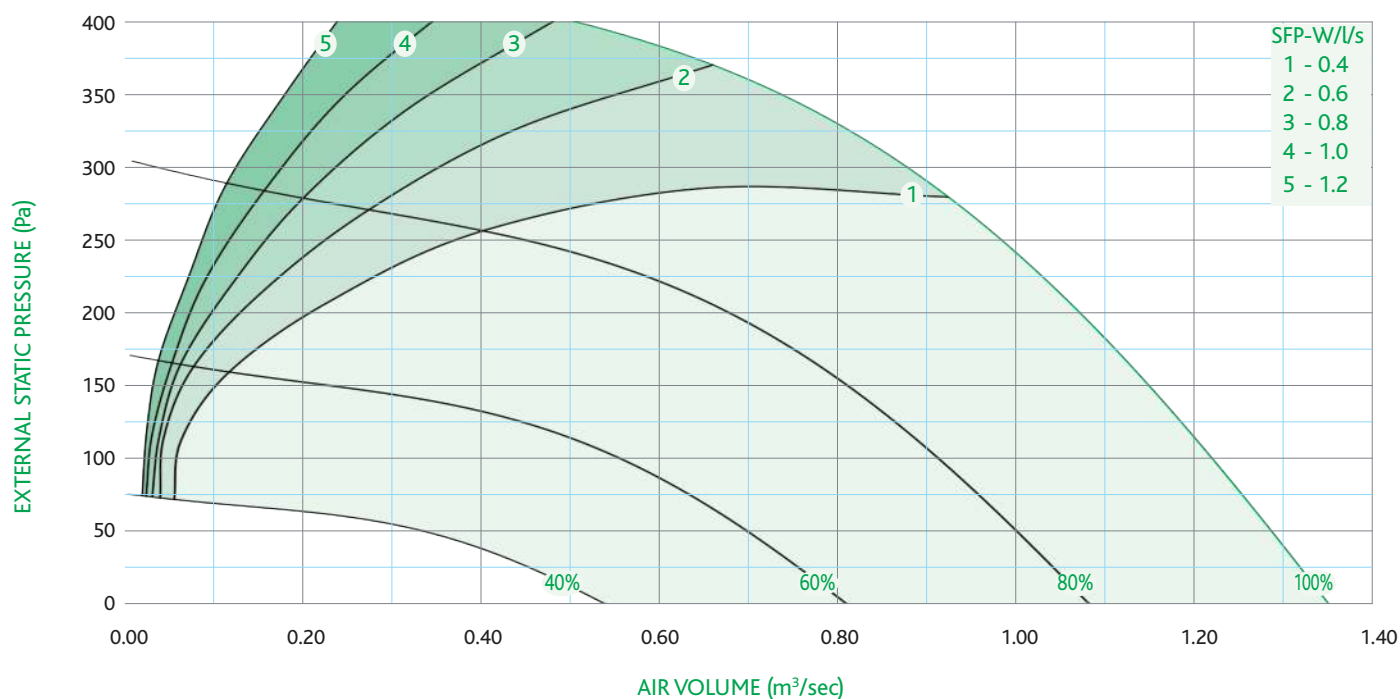
SPW6/SRW6-ECs		Mid Octave Frequency band / Hz								Total in Duct		Breakout @ 1m		Breakout @ 3m	
		63	125	250	500	1k	2k	4k	8k	dB	dB(A)	dB(A)	NR	dB(A)	NR
100%	Inlet in duct dB	64	75	74	76	68	66	65	54	81	76	50	47	40	38
	Outlet in duct dB	67	78	77	79	71	69	68	57	84	79				
80%	Inlet in duct dB	59	70	68	70	63	61	59	49	75	70	44	41	34	31
	Outlet in duct dB	62	73	71	73	66	64	62	52	78	73				
60%	Inlet in duct dB	53	63	61	62	55	54	51	42	68	63	36	33	27	22
	Outlet in duct dB	56	66	64	65	58	57	54	45	71	66				
40%	Inlet in duct dB	45	56	53	53	47	46	42	36	60	54	29	24	<20	<20
	Outlet in duct dB	48	59	56	56	50	49	45	39	63	57				

infinity® - AIR HANDLING UNITS

INTERNAL AND EXTERNAL - LPHW HEATING COIL

TECHNICAL DATA - SPW7/SRW7-ECs

FAN SPEED



ELECTRICAL DATA

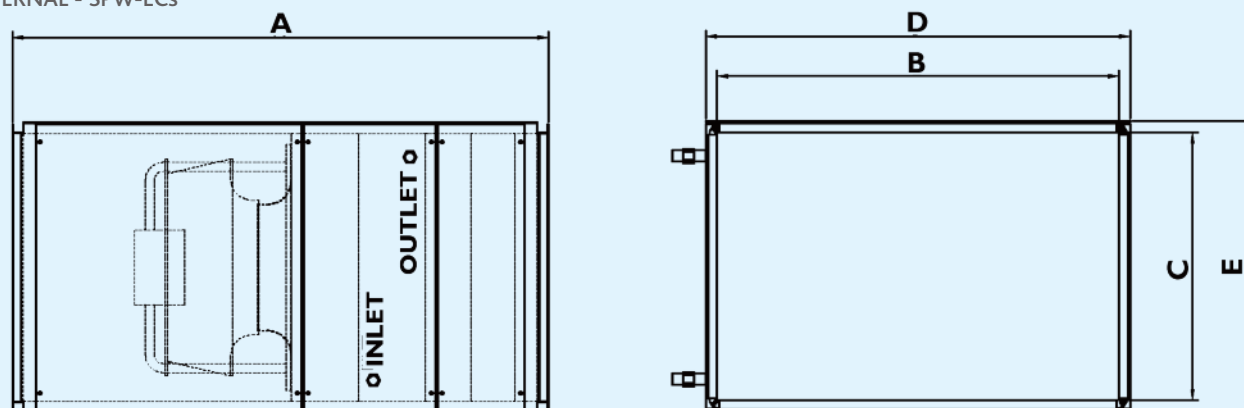
	MODEL	FAN POWER W	SUPPLY	FLC amps
	SPW7/SWE7-EC	640	230V 1Ph	2.9

SPEW/SRW7-ECs		Mid Octave Frequency band / Hz								Total in Duct		Breakout @ 1m		Breakout @ 3m	
		63	125	250	500	1k	2k	4k	8k	dB	dB(A)	dB(A)	NR	dB(A)	NR
100%	Inlet in duct dB	66	71	73	73	63	64	63	52	78	73	46	44	37	34
	Outlet in duct dB	68	72	74	76	74	71	66	55	81	79				
80%	Inlet in duct dB	60	67	69	68	58	58	57	47	73	68	41	39	32	29
	Outlet in duct dB	63	67	69	71	69	65	61	50	76	73				
60%	Inlet in duct dB	55	58	60	59	51	52	50	40	65	60	33	30	24	20
	Outlet in duct dB	57	60	61	63	61	59	54	43	68	66				
40%	Inlet in duct dB	48	51	48	47	46	46	40	34	56	51	24	<20	<20	<20
	Outlet in duct dB	49	53	51	52	55	52	45	38	60	58				

infinity[®] - AIR HANDLING UNITS INTERNAL AND EXTERNAL - LPHW HEATING COIL

UNIT DIMENSIONS

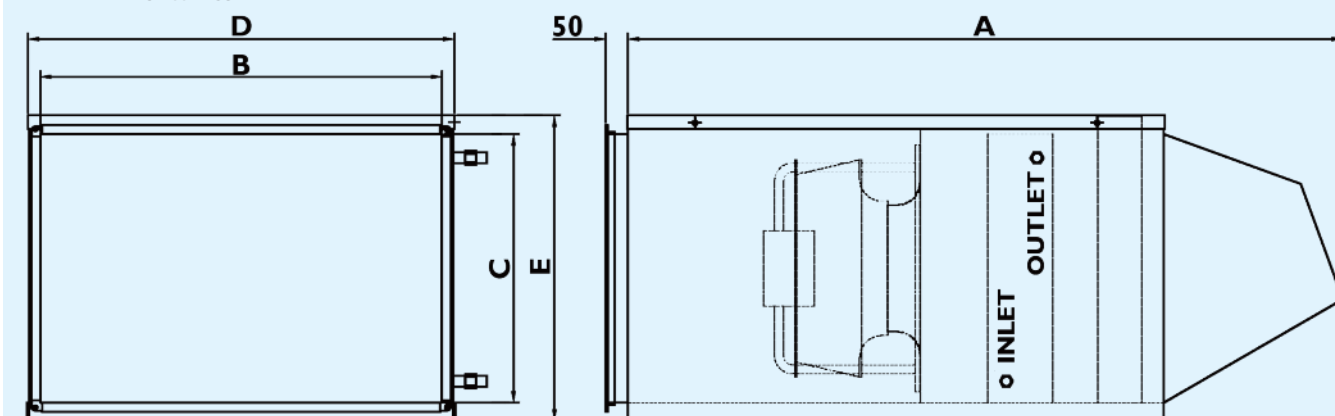
INTERNAL - SPW-ECs



AHUs - INTERNAL and EXTERNAL - LPHW

Model	A	B	C	D	E	kg	Model	A	B	C	D	E	kg
SPW1-EC	950	600	450	650	500	79	SRW1-EC	1200	600	450	650	580	74
SPW4-EC	950	750	450	800	500	93	SRW4-EC	1225	750	450	800	580	87
SPW6-EC	1050	825	500	875	550	112	SRW6-EC	1350	825	500	875	580	104
SPW7-EC	1200	900	600	950	650	131	SRW7-EC	1600	900	600	950	680	125

EXTERNAL - SRW-ECs



infinity[®] - AIR HANDLING UNITS INTERNAL AND EXTERNAL

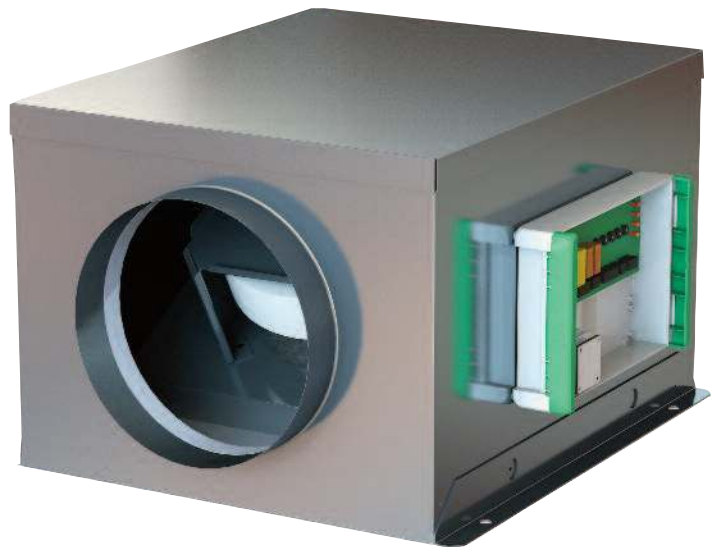
ACCESSORIES

OTHER AIR VENT TECHNOLOGY PRODUCTS

infinity[®]

OTHER *infinity*[®] FAN MODELS

- Also within the *infinity*[®] range are Acoustic Cabinet Fans - either single or twin fan versions
- Single Fan models (QSS-EC/EM-EC) with performance from 0.01 m³/sec to 3.55m³/sec
- Twin Fan models (QST-EC/EMT-EC) with performance from 0.01 m³/sec and 3.22 m³/sec
- Internal and External mounted versions.
- Acoustic lining to reduce noise breakout.
- EC fans, direct drive
- Low SFP to help achieve L2 Regulations.
- Constant Pressure Controller available.
- All units are fitted with pre-wired controls designed to work with BMS systems as below:
 - Fault Out
 - VFC Enable
 - VFC Boost
 - Remote speed control
- Available with no controls at special request.



OTHER AIR VENT TECHNOLOGY PRODUCTS

SOLUTIONS FOR VENTILATION



- Other *infinity*[®] products include a range of counter flow heat recovery units which operate with the range of 0.07m³/sec to 4.0m³/sec.
- They are low energy, direct drive EC fans built to comply with L2 regulations.
- They have counter flow heat exchangers for increased energy recovery with F7 and M5 filters fitted as standard.
- The enhanced case construction (25mm double skin construction with rockwood on all units and 40mm on underside of smaller internal units) is designed to reduce noise breakout.
- Slimline construction to assist installation in restricted areas.
- Multiple access for easy maintenance.
- Up to 90% efficient
- Fitted controls
- We can offer bespoke units up to 20 m³/s. Cases can be constructed with 25mm or 50mm panels. Multiple configurations and non-standard sizes are available.

Air Vent Technology Ltd

HOW WE CAN HELP

COMPANY PROFILE

- Air Vent Technology is a privately owned company established in 1996, based in Hampshire.
- We are part of the **Vectura** group of companies.
- We are specialists in the design of Air Handling products for the building services industry.
- Bespoke Air Handling Units.
- Heat Recovery Units.
- Extract and Supply fans.
- Associated Controls.
- We are committed to manufacturing with the benefits it gives:
- Design flexibility offering project specific solutions.
- Competitive prices and delivery periods direct from the U.K
- UK based product support and Service direct from Air Vent Technology.
- UK based Research and Design
- Products are manufactured in the UK to ISO 9001.

HOW CAN WE HELP?

● Every project is different.

● We can give help and advice on product selection, applications and current regulations pertinent to your project.

● This ensures the best solution possible.

● How do we do this?

● Technical sales engineers to offer help and advise.

● Design packages to provide full technical quotations.

● Our own design office with in-depth product knowledge.

● Regional Sales Engineers who can visit your office or site.

T: +44(0) 1264 356415

E: sales@airventtechnology.co.uk

www.airventtechnology.co.uk

Please contact Air Vent Technology Ltd to discuss your requirements

infinity[®]

Air Handling Units

Internal and External - EHB or LPHW

0.11 m³/sec to 1.4 m³/sec

EC Motors

Low Specific Fan Power

Air Vent Technology Ltd

56 Reith Way, Portway Industrial Estate

Andover, Hampshire, SP10 3TY

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