

SCHEDULE NO. 13 – DUCT MOUNTED ATTENUATORS

Manufacturer – Allaway Acoustics or equal approved

System Reference	Ductwork	Duct Connection	Max Pressure Drop (Pa)	Duct Size (mm)	NR (dB)	Volume (m³/s)
ATT/01	AHU/RF/01	FA Intake	20	1000X400	35	2.54
ATT/02	AHU/RF/01	EA Exhaust	20	1000X400	35	2.03
ATT/03	AHU/RF/01	SA Supply	20	1000X400	35	2.54
ATT/04	AHU/RF/01	EA Extract	20	1000X400	35	2.03
ATT/05	AHU/RF/02	FA Intake	20	700x500	35	1.76
ATT/06	AHU/RF/02	EA Exhaust	20	700x500	35	1.76
ATT/07	AHU/RF/02	SA Supply	20	700x500	35	1.76
ATT/08	AHU/RF/02	EA Extract	20	700x500	35	1.76
ATT/09	KS/RF/01	FA Intake	20	1000X500	35	2.45
ATT/10	KS/RF/01	SA Supply	20	1000X500	35	2.45
ATT/11	HRU/00/01	FA Intake	20	150 dia	35	0.024
ATT/12	HRU/00/01	EA Exhaust	20	150 dia	35	0.024
ATT/13	HRU/00/01	SA Supply	20	150 dia	35	0.024
ATT/14	HRU/00/01	EA Extract	20	150 dia	35	0.024
ATT/15	HRU/00/02	FA Intake	20	<u>150 dia</u>	35	0.084
ATT/16	HRU/00/02	EA Exhaust	20	<u>150 dia</u>	35	0.084

ATT/17	HRU/00/02	SA Supply	20	200 dia	35	0.084
ATT/18	HRU/00/02	EA Extract	20	200 dia	35	0.084
ATT/19	HRU/00/03	FA Intake	20	200 dia	35	0.096
ATT/20	HRU/00/03	EA Exhaust	20	200 dia	35	0.080
ATT/21	HRU/00/03	SA Supply	20	200 dia	35	0.096
ATT/22	HRU/00/03	EA Extract	20	200 dia	35	0.080
ATT/23	HRU/00/04	FA Intake	20	300x200	35	0.315
ATT/24	HRU/00/04	EA Exhaust	20	400x200	35	0.404
ATT/25	HRU/00/04	SA Supply	20	300x200	35	0.315
ATT/26	HRU/00/04	EA Extract	20	400x200	35	0.404
ATT/27	HRU/00/05	FA Intake	20	300x200	35	0.260
ATT/28	HRU/00/05	EA Exhaust	20	400x200	35	0.353
ATT/29	HRU/00/05	SA Supply	20	300x200	35	0.260
ATT/30	HRU/00/05	EA Extract	20	400x200	35	0.353
ATT/31	HRU/00/06	FA Intake	20	400x200	35	0.424
ATT/32	HRU/00/06	EA Exhaust	20	400x200	35	0.381
ATT/33	HRU/00/06	SA Supply	20	400x200	35	0.424
ATT/34	HRU/00/06	EA Extract	20	400x200	35	0.381
ATT/35	HRU/00/07	FA Intake	20	400x200	35	0.424
ATT/36	HRU/00/07	EA Exhaust	20	400x200	35	0.381

ATT/36a	HRU/00/07	SA Supply	20	400x200	35	0.424
ATT/36b	HRU/00/07	EA Extract	20	400x200	35	0.381
ATT/37	HRU/01/01	FA Intake	20	250 dia	35	0.256
ATT/38	HRU/01/01	EA Exhaust	20	250 dia	35	0.256
ATT/39	HRU/01/01	SA Supply	20	250 dia	35	0.256
ATT/40	HRU/01/01	EA Extract	20	250 dia	35	0.256
ATT/41	HRU/01/02	FA Intake	20	150 dia	35	0.060
ATT/42	HRU/01/02	EA Exhaust	20	150 dia	35	0.060
ATT/43	HRU/01/02	SA Supply	20	150 dia	35	0.060
ATT/44	HRU/01/02	EA Extract	20	150 dia	35	0.060
ATT/45	HRU/02/01	FA Intake	20	150 dia	35	0.060
ATT/46	HRU/02/01	EA Exhaust	20	150 dia	35	0.060
ATT/47	HRU/02/01	SA Supply	20	150 dia	35	0.060
ATT/48	HRU/02/01	EA Extract	20	150 dia	35	0.060
ATT/49	HRU/RF/01	FA Intake	20	450x400	35	1.042
ATT/50	HRU/RF/01	EA Exhaust	20	450x400	35	1.066
ATT/51	HRU/RF/01	SA Supply	20	450x400	35	1.042
ATT/52	HRU/RF/01	EA Extract	20	450x400	35	1.066
ATT/53	HRU/RF/02	FA Intake	20	500x250	35	0.600
ATT/54	HRU/RF/02	EA Exhaust	20	500x250	35	0.600

ATT/55	HRU/RF/02	SA Supply	20	500x250	35	0.600
ATT/56	HRU/RF/02	EA Extract	20	500x250	35	0.600
ATT/57	HRU/RF/03	FA Intake	20	300 dia	35	0.288
ATT/58	HRU/RF/03	EA Exhaust	20	300 dia	35	0.208
ATT/59	HRU/RF/03	FA Intake	20	300 dia	35	0.288
ATT/60	HRU/RF/03	EA Exhaust	20	300 dia	35	0.208
ATT/61	OMITTED					
ATT/62	OMITTED					
ATT/63	OMITTED					
ATT/64	OMITTED					
ATT/65	EF/RF/01	EA Exhaust	20	200 dia	35	0.088
ATT/66	EF/RF/01	EA Extract	20	200 dia	35	0.088
ATT/67	EF/RF/02	EA Exhaust	20	450x350	35	0.810
ATT/68	EF/RF/02	EA Extract	20	450x350	35	0.810
ATT/69	EF/RF/03	EA Exhaust	20	250x250	35	0.390
ATT/70	EF/RF/03	EA Extract	20	250x250	35	0.390
ATT/71	EF/RF/04	EA Exhaust	20	150 dia	35	0.035
ATT/72	EF/RF/04	EA Extract	20	150 dia	35	0.035
ATT/73	EF/RF/05	EA Exhaust	20	250 dia	35	0.227
ATT/74	EF/RF/05	EA Extract	20	250 dia	35	0.227

ATT/75*	KEF/RF/01	EA Exhaust	20	1000x500	35	2.90
ATT/76*	KEF/RF/01	EA Extract	20	1000x500	35	2.90
ATT/77	EF/RF/06	EA Exhaust	20	250 dia	35	0.192
ATT/78	EF/RF/06	EA Extract	20	250 dia	35	0.192
ATT/79	DWE/RF/01	EA Exhaust	20	450x450	35	0.880
ATT/80	DWE/RF/01	EA Extract	20	450x450	35	0.880
ATT/81	DEF/00/01	EA Exhaust	20	150 dia	35	0.010
ATT/82	DEF/00/01	EA Extract	20	150 dia	35	0.010
ATT/83	EF/00/02	DE Exhaust	20	150 dia	35	0.029
ATT/84	EF/00/02	DE Extract	20	150 dia	35	0.029
ATT/85	EF/00/03	EA Exhaust	20	150 dia	35	0.039
ATT/86	EF/00/03	EA Extract	20	150 dia	35	0.039
<u>ATT/87</u>	<u>HRU/01/03</u>	<u>FA Intake</u>	<u>20</u>	<u>200 dia</u>	<u>35</u>	<u>0.072</u>
<u>ATT/88</u>	<u>HRU/01/03</u>	<u>EA Exhaust</u>	<u>20</u>	<u>200 dia</u>	<u>35</u>	<u>0.072</u>
<u>ATT/89</u>	<u>HRU/01/03</u>	<u>SA Supply</u>	<u>20</u>	<u>200 dia</u>	<u>35</u>	<u>0.072</u>
<u>ATT/90</u>	<u>HRU/01/03</u>	<u>EA Extract</u>	<u>20</u>	<u>200 dia</u>	<u>35</u>	<u>0.072</u>
<u>ATT/91</u>	<u>HRU/02/02</u>	<u>FA Intake</u>	<u>20</u>	<u>200 dia</u>	<u>35</u>	<u>0.072</u>
<u>ATT/92</u>	<u>HRU/02/02</u>	<u>EA Exhaust</u>	<u>20</u>	<u>200 dia</u>	<u>35</u>	<u>0.072</u>
<u>ATT/93</u>	<u>HRU/02/02</u>	<u>SA Supply</u>	<u>20</u>	<u>200 dia</u>	<u>35</u>	<u>0.072</u>
<u>ATT/94</u>	<u>HRU/02/02</u>	<u>EA Extract</u>	<u>20</u>	<u>200 dia</u>	<u>35</u>	<u>0.072</u>

LINK MEP Consulting Engineers

Belle Vue CO-OP Academy

Mechanical Services - Technical Schedule



1. Pressure drop across attenuators not to exceed maximum specified drop.
2. * ATT 75 and 76 to be melinex lined for use as kitchen extraction