

FWD04AT/AF

FWD04AT/AF		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Global Lw
Max.	L_w tot dB(A)	43.6	47.0	60.0	62.0	60.7	54.8	46.2	66
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
	Outlet	40.4	43.3	55.9	58.4	57.0	51.4	42.9	62.5
	Structure	29.3	38.5	53.6	53.0	52.1	43.8	34.3	58.0
	Inlet 57.8	40.4	43.3	55.9	58.4	57.0	51.4	42.9	62.5
Med.	L_w tot dB(A)	40.7	53.8	53.8	57.0	53.6	50.6	43.3	61
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
	Outlet	37.5	50.2	49.7	53.4	49.9	47.2	40.0	57.7
	Structure	26.4	45.3	47.4	47.9	45.0	39.6	31.5	52.9
	Inlet	37.5	50.2	49.7	53.4	49.9	47.2	40.0	57.7
Min.	L_w tot dB(A)	33.8	47.7	47.0	49.8	47.0	41.9	33.5	54
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
	Outlet	30.6	44.1	42.9	46.2	43.3	38.6	30.2	50.7
	Structure	19.5	39.2	40.6	40.8	38.4	30.9	21.6	46.0
	Inlet	30.6	44.1	42.9	46.2	43.3	38.6	30.2	50.7

NOTE

1. Sound power levels measured at ESP = 0 Pa.

FWD06AT/AF

FWD06AT/AF		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Global Lw
Max.	L _w tot dB(A)	45.0	56.9	60.8	64.7	63.5	57.7	49.7	69
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
	Outlet	41.8	53.2	56.7	61.2	59.9	54.4	46.4	65.2
	Structure	30.7	48.3	54.4	55.7	55.0	46.7	37.8	60.3
	Inlet 57.8	41.8	53.2	56.7	61.2	59.9	54.4	46.4	65.2
Med.	L _w tot dB(A)	41.5	52.6	56.9	59.0	54.7	50.9	40.5	63
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
	Outlet	38.3	49.0	52.7	55.4	51.1	47.6	37.2	59.1
	Structure	27.2	44.1	50.4	50.0	46.2	39.9	28.7	54.6
	Inlet	38.3	49.0	52.7	55.4	51.1	47.6	37.2	59.1
Min.	L _w tot dB(A)	37.0	48.8	53.0	54.4	50.0	48.6	33.5	59
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
	Outlet	33.9	45.1	48.8	50.8	46.3	45.3	30.2	54.9
	Structure	22.8	40.3	46.5	45.3	41.4	37.6	21.6	50.4
	Inlet	33.9	45.1	48.8	50.8	46.3	45.3	30.2	54.9

NOTE

1. Sound power levels measured at ESP = 0 Pa.

FWD08AT/AF

FWD08AT/AF		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Global Lw
Max.	L _w tot dB(A)	50.7	62.1	64.8	68.1	66.5	62.5	56.2	72
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
	Outlet	47.5	58.4	60.7	64.5	62.8	59.1	52.9	68.9
	Structure	36.4	53.6	58.4	59.1	57.9	51.5	44.3	64.0
	Inlet 57.8	47.5	58.4	60.7	64.5	62.8	59.1	52.9	68.9
Med.	L _w tot dB(A)	45.0	57.5	60.1	62.5	58.9	56.4	49.2	67
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
	Outlet	41.8	53.8	56.0	58.9	55.3	53.0	45.9	63.0
	Structure	30.7	49.0	53.7	53.5	50.4	45.4	37.3	58.4
	Inlet	41.8	53.8	56.0	58.9	55.3	53.0	45.9	63.0
Min.	L _w tot dB(A)	40.5	53.4	55.9	57.5	54.3	50.3	42.4	62
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
	Outlet	37.4	49.7	51.8	53.9	50.6	46.9	39.1	58.2
	Structure	26.3	44.9	49.5	48.4	45.7	39.3	30.5	53.7
	Inlet	37.4	49.7	51.8	53.9	50.6	46.9	39.1	58.2

NOTE

1. Sound power levels measured at ESP = 0 Pa.

FWD10AT/AF

FWD10AT/AF		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Global Lw
Max.	L _w tot dB(A)	50.7	62.1	64.8	68.1	66.5	62.5	56.2	72
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
	Outlet	47.5	58.4	60.7	64.5	62.8	59.1	52.9	68.9
	Structure	36.4	53.6	58.4	59.1	57.9	51.5	44.3	64.0
	Inlet 57.8	47.5	58.4	60.7	64.5	62.8	59.1	52.9	68.9
Med.	L _w tot dB(A)	45.0	57.5	60.1	62.5	58.9	56.4	49.2	67
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
	Outlet	41.8	53.8	56.0	58.9	55.3	53.0	45.9	63.0
	Structure	30.7	49.0	53.7	53.5	50.4	45.4	37.3	58.4
	Inlet	41.8	53.8	56.0	58.9	55.3	53.0	45.9	63.0
Min.	L _w tot dB(A)	40.5	53.4	55.9	57.5	54.3	50.3	42.4	62
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
	Outlet	37.4	49.7	51.8	53.9	50.6	46.9	39.1	58.2
	Structure	26.3	44.9	49.5	48.4	45.7	39.3	30.5	53.7
	Inlet	37.4	49.7	51.8	53.9	50.6	46.9	39.1	58.2

NOTE

1. Sound power levels measured at ESP = 0 Pa.

FWD12AT/AF

FWD12AT/AF		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Global Lw
Max.	L _w tot dB(A)	52.0	62.5	65.2	70.0	69.2	64.5	58.2	74
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
	Outlet	48.8	58.8	61.1	66.4	65.5	61.1	54.9	70.7
	Structure	37.7	54.0	58.8	61.0	60.6	53.5	46.3	65.7
	Inlet 57.8	48.8	58.8	61.1	66.4	65.5	61.1	54.9	70.7
Med.	L _w tot dB(A)	46.2	57.7	59.9	62.8	60.5	57.1	50.0	67
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
	Outlet	43.1	54.0	55.8	59.2	56.9	53.8	46.8	63.5
	Structure	32.0	49.2	53.5	53.8	52.0	46.1	38.2	58.8
	Inlet	43.1	54.0	55.8	59.2	56.9	53.8	46.8	63.5
Min.	L _w tot dB(A)	39.3	50.6	54.2	55.9	53.1	47.8	41.5	60
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
	Outlet	36.1	46.9	50.1	52.4	49.5	44.4	38.2	56.5
	Structure	25.0	42.1	47.8	46.9	44.6	36.8	29.6	52.0
	Inlet	36.1	46.9	50.1	52.4	49.5	44.4	38.2	56.5

NOTE

1. Sound power levels measured at ESP = 0 Pa.

FWD16AT/AF

FWD16AT/AF		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Global Lw
Max.	L _w tot dB(A)	61.0	70.5	70.0	72.5	71.1	69.6	63.8	78
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
	Outlet	57.8	66.8	65.9	68.9	67.4	66.2	60.5	74.5
	Structure	46.7	62.0	63.6	63.5	62.5	58.6	51.9	69.4
	Inlet 57.8	57.8	66.8	65.9	68.9	67.4	66.2	60.5	74.5
Med.	L _w tot dB(A)	58.3	65.1	67.1	67.9	65.8	64.2	56.7	73
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
	Outlet	55.2	61.4	63.0	64.3	62.1	60.8	53.4	69.8
	Structure	44.1	56.5	60.7	58.9	57.2	53.2	44.8	65.0
	Inlet	55.2	61.4	63.0	64.3	62.1	60.8	53.4	69.8
Min.	L _w tot dB(A)	52.1	61.3	62.3	63.8	62.6	60.7	49.1	69
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
	Outlet	48.9	57.7	58.2	60.3	58.9	57.4	45.8	65.7
	Structure	37.8	52.8	55.9	54.8	54.0	49.7	37.2	60.9
	Inlet	48.9	57.7	58.2	60.3	58.9	57.4	45.8	65.7

NOTE

1. Sound power levels measured at ESP = 0 Pa.

FWD18AT/AF

FWD18AT/AF		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Global Lw
Max.	Lw tot dB(A)	61.0	70.5	70.0	72.5	71.1	69.6	63.8	78
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
	Outlet	57.8	66.8	65.9	68.9	67.4	66.2	60.5	74.5
	Structure	46.7	62.0	63.6	63.5	62.5	58.6	51.9	69.4
	Inlet 57.8	66.8	65.9	68.9	67.4	66.2	60.5	74.5	
Med.	Lw tot dB(A)	58.3	65.1	67.1	67.9	65.8	64.2	56.7	73
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
	Outlet	55.2	61.4	63.0	64.3	62.1	60.8	53.4	69.8
	Structure	44.1	56.5	60.7	58.9	57.2	53.2	44.8	65.0
	Inlet	55.2	61.4	63.0	64.3	62.1	60.8	53.4	69.8
Min.	Lw tot dB(A)	52.1	61.3	62.3	63.8	62.6	60.7	49.1	69
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
	Outlet	48.9	57.7	58.2	60.3	58.9	57.4	45.8	65.7
	Structure	37.8	52.8	55.9	54.8	54.0	49.7	37.2	60.9
	Inlet	48.9	57.7	58.2	60.3	58.9	57.4	45.8	65.7

NOTE

1. Sound power levels measured at ESP = 0 Pa.