

SLIMtherm

Technical Data Low Profile Horizontal Series



Model Number	Air Flow	External Static Pressure	Total Cooling Capacity	Sensible Cooling Capacity	Heating Capacity	No. of Fans	Absorbed Power	Fan Speed	Motor Power	Motor Full Load Current
	L/s	Pa	kW	kW	kW		kW	rps	kW	Amps
SLI0300H	299	250	7.3	5.1	5.9	1	0.2	39	0.5	2.4
SLI0490H	493	250	11.7	8.2	10.6	1	0.4	47	0.5	2.4
SLI0680H	686	250	17.2	11.8	15.1	2	0.3 x 2	41	0.5 x 2	2.37 x 2
SLI0880H	880	250	21.6	14.9	19.7	2	0.3 x 2	45	0.5 x 2	2.37 x 2
SLI1070H	1074	250	27.0	18.5	24.4	2	0.5 x 2	50	0.5 x 2	2.37 x 2
SLI1300H	1320	250	31.5	22.0	29.6	3	0.3 x 3	45	0.5 x 3	2.37 x 3
SLI1600H	1610	250	39.5	27.3	36.6	3	0.5 x 3	50	0.5 x 3	2.37 x 3

Air flow and coil performance are at 2.5m/s coil face velocity.
Cooling Capacities are based on 6 row 472fin/m coils with entering air conditions of 26/19°C and water temperatures of 6/12°C.
Heating Capacities are based on 1 row 394fin/m coils with entering air at 12°C and water temperatures of 80/65°C.
Absorbed power, motor power and current (per fan x no of fans).

Acoustic Data Low Profile Horizontal Series



Model Number	Air Flow	External Static Pressure	Sound Power Spectrum dB*								
				63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
SLI0300H	299	250	In Duct	71	66	69	67	67	66	60	55
			Breakout	60	51	52	46	44	38	28	22
SLI0490H	493	250	In Duct	69	72	72	73	73	73	68	63
			Breakout	58	58	55	52	51	44	35	31
SLI0680H	686	250	In Duct	73	71	72	71	71	71	65	59
			Breakout	63	57	55	51	48	42	32	26
SLI0880H	880	250	In Duct	74	74	74	74	74	74	69	64
			Breakout	64	61	57	55	51	45	36	31
SLI1070H	1074	250	In Duct	69	76	76	77	78	78	73	68
			Breakout	60	63	61	58	55	48	40	35
SLI1300H	1320	250	In Duct	76	76	75	75	76	76	71	65
			Breakout	65	63	59	56	52	46	37	32
SLI1600H	1610	250	In Duct	71	78	78	79	80	80	75	70
			Breakout	61	64	62	60	56	49	41	36

* Sound power includes multiple fans where applicable.



Performance Data Cooling Coil Low Profile Horizontal Series

Model Number	Air Flow	Cooling Coil	Air On DB / WB	Air Off DB / WB	Total Capacity	Sensible Capacity	Water Flow	Entering / Leaving water temp	Water Pressure Drop	Air Pressure Drop
	L/s		Rows / (Fins/m)	°C				°C		
SLI0300H	299	5 / 472	23 / 17	11.53 / 11.25	5.6	4.2	0.2	6 / 12	21	159
			26 / 19	12.12 / 11.81	7.3	5.1	0.2	6 / 12	33	159
			35 / 24	15.13 / 14.65	11.1	7.3	0.4	6 / 12	11	159
SLI0490H	493	5 / 472	23 / 17	11.79 / 11.51	8.8	6.8	0.4	6 / 12	10	159
			26 / 19	12.38 / 12.07	11.7	8.2	0.4	6 / 12	16	159
			35 / 24	13.91 / 13.46	20.3	12.7	0.8	6 / 12	42	159
SLI0680H	686	5 / 472	23 / 17	11.44 / 11.16	13.0	9.7	0.5	6 / 12	25	158
			26 / 19	11.91 / 11.60	17.2	11.8	0.5	6 / 12	40	158
			35 / 24	14.06 / 13.61	27.9	17.6	1.1	6 / 12	34	158
SLI880H	880	5 / 472	23 / 17	11.53 / 11.25	16.4	12.3	0.7	6 / 12	16	158
			26 / 19	12.12 / 11.81	21.6	14.9	0.7	6 / 12	26	158
			35 / 24	14.67 / 14.21	34.0	21.9	1.4	6 / 12	16	158
SLI1070H	1074	5 / 472	23 / 17	11.44 / 11.16	20.3	15.2	0.8	6 / 12	27	159
			26 / 19	11.91 / 11.6	27.0	18.5	0.8	6 / 12	45	159
			35 / 24	14.22 / 13.76	43.1	27.3	1.7	6 / 12	27	159
SLI1300H	1320	5 / 472	23 / 17	11.73 / 11.44	23.9	18.2	1.0	6 / 12	12	158
			26 / 19	12.34 / 12.02	31.5	22.0	1.0	6 / 12	19	158
			35 / 24	14.67 / 14.21	51.1	32.8	2.0	6 / 12	21	158
SLI1600H	1610	5 / 472	23 / 17	11.44 / 11.16	30.4	22.7	1.2	6 / 12	21	158
			26 / 19	12.12 / 11.81	39.5	27.3	1.2	6 / 12	33	158
			35 / 24	14.22 / 13.76	64.6	40.9	2.6	6 / 12	35	158

Air flow and coil performance are at 2.5m/s coil face velocity.

Performance Data Heating Coil Low Profile Horizontal Series

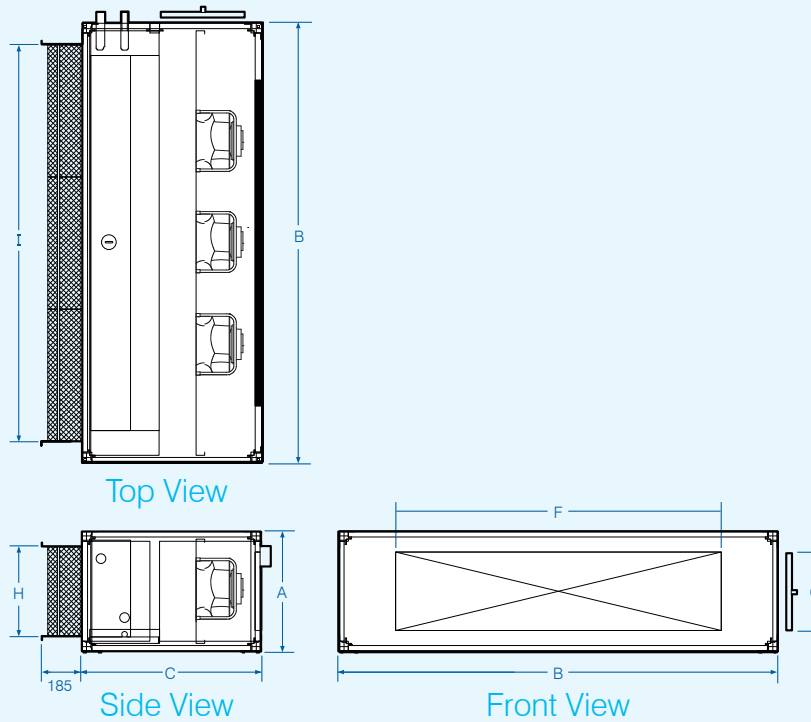


Model Number	Air Flow	Heating Coil	Air On DB	Air Off DB	Total Capacity	Water Flow	Entering / Leaving water temp	Water Pressure Drop	Air Pressure Drop
	L/s		Rows / (Fins/m)	°C			°C		
SLI300H	299	1 / 394	12	28.2	5.9	0.1	80 / 65	1	18
SLI490H	493	1 / 394	12	29.5	10.6	0.17	80 / 65	4	18
SLI680H	686	1 / 394	12	30.1	15.1	0.25	80 / 65	8	18
SLI880H	880	1 / 394	12	30.3	19.7	0.32	80 / 65	15	18
SLI1070H	1074	1 / 394	12	30.6	24.4	0.4	80 / 65	26	18
SLI1300H	1320	1 / 394	12	30.3	29.6	0.48	80 / 65	13	18
SLI1600H	1610	1 / 394	12	30.6	36.6	0.6	80 / 65	22	18

Air flow and coil performance are at 2.5m/s coil face velocity.

SLIMtherm

Dimensional Data Fan Coil Unit Only (FCO) Low Profile Horizontal Series

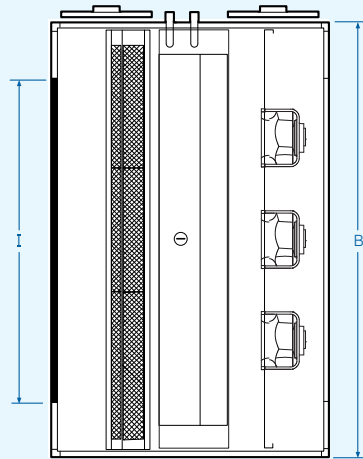


Model Number	Height	Width	Length	S/A Opening*		R/A Opening#		Weight
	A	B	C	F	G	H	I	kg
SLI0300H-FCO	410	760	808	250	220	297	595	85
SLI0490H-FCO	410	1065	808	555	220	297	887	95
SLI0650H-FCO	410	1370	808	867	220	297	1190	110
SLI0850H-FCO	410	1675	808	1165	220	297	1482	135
SLI1050H-FCO	410	1980	808	1470	220	297	1785	150
SLI1300H-FCO	540	1675	808	250	350	399	595	155
SLI1600H-FCO	540	1980	808	555	350	399	887	175

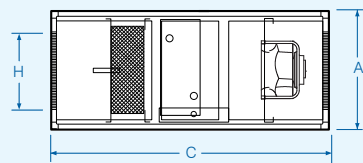
All dimensions in mm.
* S/A Opening = Outlet # R/A Opening = Inlet.

Dimensional Data

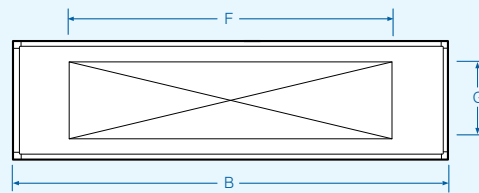
Fan Coil Unit and Filter Plenum Box (FPL)
Low Profile Horizontal Series



Top View



Side View



Front View

Model Number	Height	Width	Length	S/A Opening*		R/A Opening [#]		Weight
	A	B	C	F	G	H	I	kg
SLI0300H-FPL	410	760	1265	250	220	220	250	88
SLI0490H-FPL	410	1065	1265	555	220	220	555	106
SLI0650H-FPL	410	1370	1265	867	220	220	867	154
SLI0850H-FPL	410	1675	1265	1165	220	220	1165	179
SLI1050H-FPL	410	1980	1265	1470	220	220	1470	201
SLI1300H-FPL	540	1675	1265	250	350	350	250	212
SLI1600H-FPL	540	1980	1265	555	350	350	555	239

All dimensions in mm.
* S/A Opening = Outlet # R/A Opening = Inlet.