

Double Skin Ceiling Suspended Air Handling Units

These units, as the name suggests, can be suspended from the ceiling and hence require no floor space. These are ideal for commercial applications where floor space is at a premium. As they are low noise units and can be tucked away above the false ceiling, they find a place inside the conditioned area itself. This reduces installation costs and also makes the unit unobtrusive, offering interior design flexibility. Panels are fixed to the framework by wedges thus avoiding usage of screws.

They are available in 18 models with air quantity ranging from 1770 CMH to 13658 CMH and an external static pressure range of 12 mm and 20 mm.

The three models; DCWSL-035, DCWSL-050 and DCWSL-070 are available in both direct driven and belt driven options. Other AHUs are available in belt driven models.



Double Skin Ceiling Suspended Units - Technical Specification

a) Direct Driven

AHU Model	AHU Overall Dimensions			Coil Area	Air Quantity		Motor Rating	Operating Weight	
	Length	Width	Height				12mm ESP	With 4-row Coil	With 6-row Coil
	mm	mm	mm		sq.m.	CFM	CMH	KW	Kg
DCWSL-035-D	908	1238	556	0.368	1979	3365	0.55	165	180
DCWSL-050-D	948	1743	556	0.561	3021	5135	0.55	195	215
DCWSL-070-D	1048	2200	556	0.735	3958	6729	0.55	290	310

Note: Drain Nozzle Connection: 3/4" BSP
Air flow mentioned is at highest speed

b) Belt Driven

AHU Model	AHU Overall Dimensions			Coil Area	Air Quantity		Motor Rating		Operating Weight	
	Length	Width	Height				12 mm ESP	20 mm ESP	With 4-row Coil	With 6-row Coil
	mm	mm	mm		sq. m.	CFM	CMH	KW	KW	Kg
DCWSL-017-B	908	784	556	0.194	1042	1770	0.55	0.55	150	170
DCWSL-027-B	908	1238	556	0.29	1563	2655	0.55	0.75	175	195
DCWSL-035-B	908	1238	556	0.368	1979	3362	0.75	1.1	190	205
DCWSL-042-B	948	1743	556	0.465	2500	4250	1.1	1.1	215	230
DCWSL-050-B	948	1743	556	0.561	3021	5135	1.1	1.5	225	245
DCWSL-060-B	1048	2200	556	0.658	3542	6021	1.5	1.5	320	348
DCWSL-070-B	1048	2200	556	0.735	3958	6729	1.5	2.2	330	360
DCWSL-078-B	1048	2130	662	0.852	4583	7791	2.2	2.2	345	380
DCWSL-085-B	1048	2130	662	0.929	5000	8500	2.2	2.2	360	400
DCWSL-093-B	1099	2097	810	1.016	5469	9297	2.2	3.7	385	425
DCWSL-100-B	1099	2097	810	1.097	5903	10035	2.2	3.7	395	435
DCWSL-110-B	1149	2333	810	1.194	6424	10913	2.2	3.7	415	445
DCWSL-118-B	1149	2333	810	1.29	6944	11798	3.7	3.7	425	460
DCWSL-127-B	1149	2638	810	1.367	7465	12683	3.7	3.7	440	475
DCWSL-135-B	1149	2638	810	1.484	7986	13568	3.7	3.7	450	495

Note: Drain Nozzle Connection: 3/4" BSP
* Specifications are subject to change due to continuous product development