

# TA Supply air handling unit

by Systemair

The TA units are designed for complete plug & play use and are ideal for offices, schools and retail shops. The units have low overall height for ceiling void applications, with hinged access doors for ease of maintenance. All TA units are delivered complete with the SCP controller, heating battery and filters. The TA EL has an electric heater, whilst the TA HW uses a hot water battery. Manufactured with double skin casings insulated with 50mm mineral wool for ultra low noise breakouts. Remote extract fans can be linked into the SCP control to provide total ventilation.



Control panel SCP

TA	Voltage V/50Hz	Motor W	Heater kW	Airflow m <sup>3</sup> /s @ Pa						Filters
				50Pa	100Pa	200Pa	300Pa	400Pa	500Pa	
450EL	230/400	130	3/3/6	0.155	0.143	0.11	0.077	0.025	-	EU5
650EL	400	220	8,3	0,22	0,21	0,17	0,15	0,1	0,06	EU5
1100EL	400	325	13,3	0,34	0,32	0,27	0,23	0,19	0,14	EU5
1500EL	400	548	20,3	0,49	0,47	0,42	0,37	0,31	0,25	EU5
1500HW	230	573	enq	0,41	0,4	0,35	0,3	0,25	0,2	EU5
2000EL	400	705	33,3	0,6	0,57	0,54	0,49	0,44	0,39	EU5
2000HW	400	673	enq	0,56	0,54	0,5	0,46	0,42	0,36	EU5
3000HW	400	1084	enq	0,95	0,9	0,8	0,64	0,4	0,1	EU5
4500HW	400	1880	enq	1,44	1,39	1,27	1,12	0,9	0,6	EU5

## External extract Fan

An extract fan can be connected to the unit and be operated in parallel with the TA supply unit. The extract fan must be 1-phase for TA units 650 - 1500 and 3-phase for TA units 2000 & above. The extract fan must also have integrated thermal contacts for protection against over heating.

### Available current for external extract fan (Amps)

TA	450	650	1100	1500	2000	3000	4500
230 V 1 ph	0,7	1,0	3,5	2,6			
400 V 3 ph					2,8	2,0	4,3

### Options

- KVKF - Slim Acoustic Fan 1Ph
- RSI - Acoustic Rect Duct Fan 3 ph

TA Unit	A	B	C	D	E	F	G	H	I	J	K	L	Dia dy	N	Weight kg
450EL	1125	500	354	200dia	-	51	-	1042	89	-	-	-	-	176	50
650EL	1203	556	307	200 dia		69	-	1116	82	-	-	-	-	702	55
1100EL	1233	620	374	250 dia		75	-	1146	140	-	-	-	-	731	67
1500EL	1190	750	374	200	400	105	175	1146	69	-	-	-	-	731	82
1500HW	1190	750	374	200	400	105	175	1146	175	102	125	162	21mm	731	71
2000EL	1190	850	374	250	500	73	175	1146	73	-	-	-	-	731	99
2000HW	1190	850	374	250	500	73	175	1146	175	101	92	212	21mm	731	87
3000HW	1296	904	545	300	600	141	152	1252	152	92	160	262	27mm	325	125
4500HW	1346	1006	545	400	700	91	153	1302	153	92	110	362	34mm	320	145

