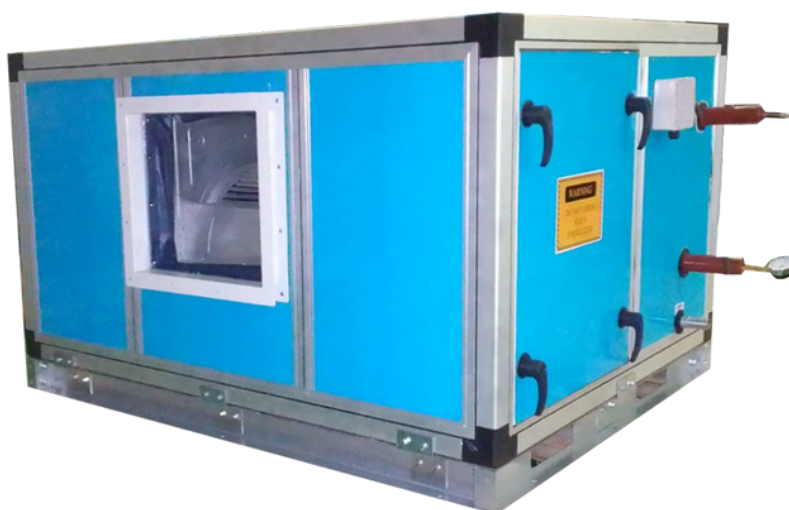


BROCHURE

High Static Blower

ThermalTrue®
HVAC & R

Chilled Water Series SBH3000_36000CW4
Chilled Water Series SBH3000_36000CW6





NOMENCLATURE

SBH	1000, 1300, 1600, 2000, 2500, 3000, 4200, 4600, 6400, 8000, 9000, 10500, 12000, 13500, 15000, 16500, 18000, 22500, 24000, 27000, 30000, 36000	CW4	SA/HA/CA	PSC/HMF/ECF
Series	Capacity in CFM	Chilled Water 4 Row	SA : Std Ambient 35°C HA : High Ambient 45°C CA : Corrosive Ambient	PSC : Permanent Squirrel Cage Motor HMF : BLDC Motor ECF : EC Fan

SBH	1000, 1300, 1600, 2000, 2500, 3000, 4200, 4600, 6400, 8000, 9000, 10500, 12000, 13500, 15000, 16500, 18000, 22500, 24000, 27000, 30000, 36000	CW6	SA/HA/CA	PSC/HMF/ECF
Series	Capacity in CFM	Chilled Water 6 Row	SA : Std Ambient 35°C HA : High Ambient 45°C CA : Corrosive Ambient	PSC : Permanent Squirrel Cage Motor HMF : BLDC Motor ECF : EC Fan

SPECIFICATION

4 ROW OPTION

MODEL SBH-CW-4R SERIES I			1000CW4	1300CW4	1600CW4	2000CW4	2500CW4	3000CW4
GENERAL DATA								
CAPACITY	Total Capacity	kW	11	14	18	23	26	33
		Btu/h	39.187	47.808	61.232	79.250	89.337	111.945
	Sensible Capacity	kW	8	10	13	16	19	23
		Btu/h	27.105	33.904	42.754	54.612	64.085	78.929
SHR		no.	0,69	0,71	0,70	0,69	0,72	0,71
AIR FLOW		CMH	1699	2209	2718	3398	4247	5097
		CFM	1000	1300	1600	2000	2500	3000
EXTERNAL STATIC PRESSURE		Pa	150	150	150	150	150	150
		inWG	0,60	0,60	0,60	0,60	0,60	0,60
WATER FLOW		kG/s	0,55	0,67	0,86	1,11	1,25	1,56
		CMH	1,97	2,41	3,08	4,00	4,50	5,62
		USGpm	9	11	14	18	20	25
WATER PRESSURE DROP		kPa	23,1	8,1	14,0	25,1	5,3	9,0
		inWG	93	32	56	101	21	36
CASING		Frame Type	DS1520					
		Panel Type	(External GI-Internal GI) or (External ColorBond-Internal GI)					
		Insulation	15mm PU @ 40kG/m3					
DIMENSION		mm H	600	600	600	600	600	600
		mm W	610	760	960	1160	1410	1760
		mm D	840	840	840	840	840	840
CONNECTION	Water Inlet/Outlet	Sch40	3/4	3/4	1	1	1	1 1/4
	Drain Pipe Size	in	1					
COIL SPECIFICATION								
COIL	Type	Aluminium fin mechanically bonded to seamless copper tube						
	Face Area	m2	0,19	0,24	0,30	0,38	0,47	0,56
	Entering (DB/WB)	°C/°C	26.5/19.1					
	Leaving (DB/WB)	°C/°C	12.5/11.7	13.0/12.2	12.7/11.9	12.4/11.6	13.2/12.5	12.9/12.1
	Face Velocity	m/s	2,53	2,51	2,50	2,50	2,53	2,51
	Air Pressure Drop	Pa	146	145	143	143	146	144
	Condensate Rate	g/s	1,4	1,6	2,1	2,9	2,9	3,8
FAN & MOTOR SPECIFICATION								
BLOWER		Type	Forward Curve Centrifugal Belt Drive					
		Size	FC 9-7	FC 9-7	FC 10-8	FC 10-10	FC 10-10	FC 10-10
		Quantity	1					
MOTOR		V-Ø-Hz	380-415V/3Ø/50Hz					
		kW-P	0.55-4	0.75-4	0.75-4	1.10-4	1.10-4	1.50-4
AIR FILTER SPECIFICATION								
AIR FILTER	Nominal Filter FA (m2)		0,37	0,46	0,58	0,70	0,85	1,06
	G4-22T x FA x 1pc		1	1				
	G4-22T x FA x 2pc				1	1	1	
	G4-22T x FA x 3pc							1
	G4-46T x FA x 6pc							
	G4-46T x FA x 9pc							
	G4-46T x FA x 12pc							
	G4-46T x FA x 16pc							
	G4-46T x FA x 20pc							

MODEL SBH-CW-4R SERIES II			4200CW4	4600CW4	6400CW4	8000CW4	9000CW4
GENERAL DATA							
CAPACITY	Total Capacity	kW	46	52	73	89	103
		Btu/h	157.898	176.782	248.563	304.914	351.407
	Sensible Capacity	kW	32	36	51	62	71
		Btu/h	110.899	123.173	172.549	213.030	243.365
SHR		no.	0,70	0,70	0,69	0,70	0,69
AIR FLOW		CMH	7135	7815	10873	13591	15290
		CFM	4200	4600	6400	8000	9000
EXTERNAL STATIC PRESSURE		Pa	150	150	150	200	200
		inWG	0,60	0,60	0,60	0,80	0,80
WATER FLOW		kG/s	2,21	2,47	3,47	4,26	4,91
		CMH	7,96	8,90	12,50	15,34	17,68
		USGpm	35	39	55	68	78
WATER PRESSURE DROP		kPa	11,0	14,5	16,6	13,5	19,0
		inWG	44	58	67	54	76
CASING		Frame Type	DS2540				
		Panel Type	(External GI-Internal GI) or (External ColorBond-Internal GI)				
		Insulation	25mm PU @ 40kG/m3				
DIMENSION		mm H	820	820	940	1240	1240
		mm W	1710	1710	1810	1810	1810
		mm D	980	980	980	1150	1150
CONNECTION	Water Inlet/Outlet	Sch40	1 1/2	1 1/2	2	2	2
	Drain Pipe Size	in	1"				
COIL SPECIFICATION							
COIL	Type		Aluminium fin mechanically bonded to seamless copper tube				
	Face Area	m2	0,77	0,86	1,20	1,47	1,68
	Entering (DB/WB)	°C/°C	26.5/19.1				
	Leaving (DB/WB)	°C/°C	12.8/12.1	12.7/11.9	12.6/11.8	12.7/12.0	12.5/11.8
	Face Velocity	m/s	2,57	2,53	2,51	2,56	2,53
	Air Pressure Drop	Pa	150	147	144	150	147
	Condensate Rate	g/s	5,5	6,2	8,8	10,7	12,6
FAN & MOTOR SPECIFICATION							
BLOWER		Type	Forward Curve Centrifugal Belt Drive				
		Size	FC 15-15	FC 15-15	FC 18-18	FC 18-18	FC 18-18
		Quantity	1				
MOTOR		V-Ø-Hz	380-415V/3Ø/50Hz				
		kW-P	2.20-4	2.20-4	3.00-4	4.00-4	5.50-4
AIR FILTER SPECIFICATION							
AIR FILTER	Nominal Filter FA (m2)		1,40	1,40	1,70	2,24	2,24
	G4-22T x FA x 1pc						
	G4-22T x FA x 2pc						
	G4-22T x FA x 3pc						
	G4-46T x FA x 6pc		1	1	1	1	1
	G4-46T x FA x 9pc						
	G4-46T x FA x 12pc						
	G4-46T x FA x 16pc						
G4-46T x FA x 20pc							

MODEL SBH-CW-4R SERIES II			10500CW4	12000CW4	13500CW4	15000CW4
GENERAL DATA						
CAPACITY	Total Capacity	kW	119	137	138	155
		Btu/h	406.218	467.742	472.415	530.690
	Sensible Capacity	kW	83	96	100	112
		Btu/h	282.369	326.095	339.748	382.264
	SHR	no.	0,70	0,70	0,72	0,72
AIR FLOW		CMH	17839	20387	22935	25484
		CFM	10500	12000	13500	15000
EXTERNAL STATIC PRESSURE		Pa	200	250	250	300
		inWG	0,80	1,00	1,00	1,20
WATER FLOW		kG/s	5,68	6,60	6,54	7,42
		CMH	20,46	23,77	23,55	26,72
		USGpm	90	105	104	118
WATER PRESSURE DROP		kPa	15,8	22,6	3,6	4,4
		inWG	63	91	15	18
CASING		Frame Type	DS2540			
		Panel Type	(External GI-Internal GI) or (External ColorBond-Internal GI)			
		Insulation	25mm PU @ 40kG/m3			
DIMENSION		mm H	1490	1490	1490	1490
		mm W	1810	2170	2170	2170
		mm D	1150	1430	1430	1430
CONNECTION	Water Inlet/Outlet	Sch40	2	3	3	3
	Drain Pipe Size	in	1"			
COIL SPECIFICATION						
COIL	Type		Aluminium fin mechanically bonded to seamless copper tube			
	Face Area	m2	1,97	2,22	2,49	2,80
	Entering (DB/WB)	°C/°C	26.5/19.1			
	Leaving (DB/WB)	°C/°C	12.6/11.8	12.4/11.7	13.5/12.7	13.3/12.5
	Face Velocity	m/s	2,52	2,55	2,56	2,53
	Air Pressure Drop	Pa	145	148	150	146
	Condensate Rate	g/s	14,4	17,0	14,9	17,2
FAN & MOTOR SPECIFICATION						
BLOWER		Type	Forward Curve Centrifugal Belt Drive			
		Size	FC 560R	FC 560R	FC 560R	FC 560R
		Quantity	1			
MOTOR		V-Ø-Hz	380-415V/3Ø/50Hz			
		kW-P	5.50-4	7.50-4	7.50-4	11.00-4
AIR FILTER SPECIFICATION						
AIR FILTER	Nominal Filter FA (m2)		2,70	3,23	3,23	3,23
	G4-22T x FA x 1pc					
	G4-22T x FA x 2pc					
	G4-22T x FA x 3pc					
	G4-46T x FA x 6pc					
	G4-46T x FA x 9pc		1			
	G4-46T x FA x 12pc			1	1	1
	G4-46T x FA x 16pc					
	G4-46T x FA x 20pc					

MODEL SBH-CW-4R SERIES III			16500CW4	18000CW4	22500CW4	24000CW4
GENERAL DATA						
CAPACITY	Total Capacity	kW	164	183	235	251
		Btu/h	559.600	625.258	802.009	856.699
	Sensible Capacity	kW	120	133	169	180
		Btu/h	410.481	453.890	576.064	614.191
	SHR	no.	0,73	0,73	0,72	0,72
AIR FLOW		CMH	28032	30580	38225	40774
		CFM	16500	18000	22500	24000
EXTERNAL STATIC PRESSURE		Pa	300	350	350	400
		inWG	1,20	1,41	1,41	1,61
WATER FLOW		kG/s	7,82	8,74	11,20	12,00
		CMH	28,16	31,48	40,34	43,22
		USGpm	124	139	178	190
WATER PRESSURE DROP		kPa	2,8	3,6	4,7	5,4
		inWG	11	14	19	22
CASING		Frame Type	DS5060			
		Panel Type	(External GI-Internal GI) or (External ColorBond-Internal GI)			
		Insulation	50mm PU @ 40kG/m3			
DIMENSION		mm H	1890	1890	2190	2190
		mm W	2170	2170	2170	2430
		mm D	1430	1730	1730	1730
CONNECTION	Water Inlet/Outlet	Sch40	3	3	3 1/2	3 1/2
	Drain Pipe Size	in	1			
COIL SPECIFICATION						
COIL	Type		Aluminium fin mechanically bonded to seamless copper tube			
	Face Area	m2	3,09	3,36	4,23	4,37
	Entering (DB/WB)	°C/°C	26.5 / 19.1			
	Leaving (DB/WB)	°C/°C	13.6/12.8	13.5/12.7	13.3/12.5	13.3/12.5
	Face Velocity	m/s	2,52	2,53	2,51	2,59
	Air Pressure Drop	Pa	146	147	145	153
	Condensate Rate	g/s	17,3	19,9	26,2	28,2
FAN & MOTOR SPECIFICATION						
BLOWER		Type	Forward Curve Centrifugal Belt Drive			
		Size	FC 630R	FC 630R	FC 710R	FC 710R
		Quantity	1			
MOTOR		V-Ø-Hz	380-415V/3Ø/50Hz			
		kW-P	11.00-4	15.00-4	15.00-4	18.50-4
AIR FILTER SPECIFICATION						
AIR FILTER	Nominal Filter FA (m2)		4,10	4,10	4,75	5,32
	G4-22T x FA x 1pc					
	G4-22T x FA x 2pc					
	G4-22T x FA x 3pc					
	G4-46T x FA x 6pc					
	G4-46T x FA x 9pc					
	G4-46T x FA x 12pc					
	G4-46T x FA x 16pc		1	1	1	1
	G4-46T x FA x 20pc					

MODEL SBH-CW-4R SERIES III			27000CW4	30000CW4	36000CW4
GENERAL DATA					
CAPACITY	Total Capacity	kW	290	330	409
		Btu/h	990.951	1.125.952	1.396.167
	Sensible Capacity	kW	206	232	284
		Btu/h	702.444	791.099	968.570
	SHR	no.	0,71	0,70	0,69
AIR FLOW		CMH	45871	50967	61161
		CFM	27000	30000	36000
EXTERNAL STATIC PRESSURE		Pa	400	450	450
		inWG	1,61	1,81	1,81
WATER FLOW		kG/s	13,80	15,70	19,50
		CMH	49,70	56,54	70,23
		USGpm	219	249	309
WATER PRESSURE DROP		kPa	7,6	10,4	17,7
		inWG	31	42	71
CASING		Frame Type	DS5060		
		Panel Type	(External GI-Internal GI) or (External ColorBond-Internal GI)		
		Insulation	50mm PU @ 40kG/m3		
DIMENSION		mm H	2190	2190	2190
		mm W	2710	2990	3540
		mm D	1935	1935	1935
CONNECTION	Water Inlet/Outlet	Sch40	3 1/2	3 1/2	4
	Drain Pipe Size	in	1		
COIL SPECIFICATION					
COIL	Type		Aluminium fin mechanically bonded to seamless copper tube		
	Face Area	m2	4,92	5,47	6,56
	Entering (DB/WB)	°C/°C	26.5 / 19.1		
	Leaving (DB/WB)	°C/°C	13.0/12.3	12.9/12.1	12.6/11.8
	Face Velocity	m/s	2,59	2,59	2,59
	Air Pressure Drop	Pa	152	152	153
	Condensate Rate	g/s	33,5	38,9	49,7
FAN & MOTOR SPECIFICATION					
BLOWER		Type	Forward Curve Centrifugal Belt Drive		
		Size	FC 800K	FC 800K	FC 900K
		Quantity	1		
MOTOR		V-Ø-Hz	380-415V/3Ø/50Hz		
		kW-P	18.50-4	22.00-4	30.00-4
AIR FILTER SPECIFICATION					
AIR FILTER	Nominal Filter FA (m2)		5,93	6,55	7,75
	G4-22T x FA x 1pc				
	G4-22T x FA x 2pc				
	G4-22T x FA x 3pc				
	G4-46T x FA x 6pc				
	G4-46T x FA x 9pc				
	G4-46T x FA x 12pc				
	G4-46T x FA x 16pc				
	G4-46T x FA x 20pc		1	1	1

6 ROW OPTION

MODEL SBH-CW-6R SERIES I			1000CW6	1300CW6	1600CW6	2000CW6	2500CW6	3000CW6
GENERAL DATA								
CAPACITY	Total Capacity	kW	12	16	21	24	31	38
		Btu/h	42.209	55.525	70.017	81.377	104.921	129.269
	Sensible Capacity	kW	8	11	14	17	21	26
		Btu/h	28.821	37.762	47.223	56.337	71.789	87.643
	SHR	no.	0,68	0,68	0,67	0,69	0,68	0,68
AIR FLOW		CMH	1700	2210	2720	3400	4251	5101
		CFM	1000	1300	1600	2000	2500	3000
EXTERNAL STATIC PRESSURE		Pa	150	150	150	150	150	150
		inWG	0,60	0,60	0,60	0,60	0,60	0,60
WATER FLOW		kg/s	0,59	0,78	0,98	1,14	1,47	1,81
		CMH	2,12	2,79	3,53	4,11	5,29	6,52
		USGpm	9,4	12,3	15,5	18,1	23,3	28,7
WATER PRESSURE DROP		kPa	13,1	15,8	26,5	5,92	10,6	17,3
		inWG	53	63	106	24	43	69
CASING		Frame Type	DS1520					
		Panel Type	(External GI-Internal GI) or (External ColorBond-Internal GI)					
		Insulation	15mm PU @ 40kG/m3					
DIMENSION		mm H	600	600	600	600	600	600
		mm W	610	760	960	1160	1410	1760
		mm D	840	840	840	840	840	840
CONNECTION	Water Inlet/Outlet	Sch40	3/4	3/4	1	1	1	1 1/4
	Drain Pipe Size	in	1					
COIL SPECIFICATION								
COIL	Type		Aluminium fin mechanically bonded to seamless copper tube					
	Face Area	m2	0,19	0,24	0,30	0,38	0,47	0,56
	Entering (DB/WB)	°C/°C	26.5/19.1					
	Leaving (DB/WB)	°C/°C	11.6/11.1	11.5/11.0	11.2/10.7	11.9/11.4	11.7/11.1	11.4/10.9
	Face Velocity	m/s	2,53	2,51	2,50	2,50	2,53	2,51
	Air Pressure Drop	Pa	156	154	153	153	156	154
	Condensate Rate	g/s	1,6	2,1	2,7	2,9	3,9	4,8
FAN & MOTOR SPECIFICATION								
BLOWER		Type	Forward Curve Centrifugal Belt Drive					
		Size	FC 9-7	FC 9-7	FC 10-8	FC 10-10	FC 10-10	FC 10-10
		Quantity	1					
MOTOR		V-Ø-Hz	380-415V/3Ø/50Hz					
		kW-P	0.55-4	0.75-4	0.75-4	1.10-4	1.10-4	1.50-4
AIR FILTER SPECIFICATION								
AIR FILTER	Nominal Filter FA (m2)		0,37	0,46	0,58	0,70	0,85	1,06
	G4-22T x FA x 1pc		1	1				
	G4-22T x FA x 2pc				1	1	1	
	G4-22T x FA x 3pc							1
	G4-46T x FA x 6pc							
	G4-46T x FA x 9pc							
	G4-46T x FA x 12pc							
	G4-46T x FA x 16pc							
	G4-46T x FA x 20pc							

MODEL SBH-CW-6R SERIES II			4200CW6	4600CW6	6400CW6	8000CW6	9000CW6
GENERAL DATA							
CAPACITY	Total Capacity	kW	53	59	79	102	111
		Btu/h	181.626	201.706	267.989	348.872	378.657
	Sensible Capacity	kW	36	40	54	69	76
		Btu/h	122.907	135.898	183.550	235.414	258.830
SHR		no.	0,68	0,67	0,68	0,67	0,68
AIR FLOW		CMH	7141	7821	10881	13602	15302
		CFM	4200	4600	6400	8000	9000
EXTERNAL STATIC PRESSURE		Pa	150	150	150	200	200
		inWG	0,60	0,60	0,60	0,80	0,80
WATER FLOW		kg/s	2,54	2,82	3,75	4,88	5,29
		CMH	9,15	10,16	13,51	17,58	19,05
		USGpm	40,3	44,7	59,5	77,4	83,9
WATER PRESSURE DROP		kPa	21,1	27,5	9,4	25,5	10,7
		inWG	85	110	38	102	43
CASING		Frame Type	DS2540				
		Panel Type	(External GI-Internal GI) or (External ColorBond-Internal GI)				
		Insulation	25mm PU @ 40kG/m3				
DIMENSION		mm H	820	820	940	1240	1240
		mm W	1710	1710	1810	1810	1810
		mm D	980	980	980	1150	1150
CONNECTION	Water Inlet/Outlet	Sch40	1 1/2	1 1/2	2	2	2
	Drain Pipe Size	in	1				
COIL SPECIFICATION							
COIL	Type		Aluminium fin mechanically bonded to seamless copper tube				
	Face Area	m2	0,77	0,86	1,20	1,47	1,68
	Entering (DB/WB)	°C/°C	26.5/19.1				
	Leaving (DB/WB)	°C/°C	11.4/10.8	11.2/10.7	11.7/11.1	11.3/10.8	11.6/11.1
	Face Velocity	m/s	2,57	2,53	2,51	2,56	2,53
	Air Pressure Drop	Pa	160	156	154	160	157
	Condensate Rate	g/s	6,8	7,7	9,8	13,2	13,9
FAN & MOTOR SPECIFICATION							
BLOWER		Type	Forward Curve Centrifugal Belt Drive				
		Size	FC 15-15	FC 15-15	FC 18-18	FC 18-18	FC 18-18
		Quantity	1				
MOTOR		V-Ø-Hz	380-415V/3Ø/50Hz				
		kW-P	2.20-4	2.20-4	3.00-4	5.50-4	5.50-4
AIR FILTER SPECIFICATION							
AIR FILTER	Nominal Filter FA (m2)		1,40	1,40	1,70	2,24	2,24
	G4-22T x FA x 1pc						
	G4-22T x FA x 2pc						
	G4-22T x FA x 3pc						
	G4-46T x FA x 6pc		1	1	1	1	1
	G4-46T x FA x 9pc						
	G4-46T x FA x 12pc						
	G4-46T x FA x 16pc						
	G4-46T x FA x 20pc						

MODEL SBH-CW-6R SERIES II			10500CW6	12000CW6	13500CW6	15000CW6
GENERAL DATA						
CAPACITY	Total Capacity	kW	128	149	170	191
		Btu/h	438.142	508.608	580.326	651.424
	Sensible Capacity	kW	88	102	115	129
		Btu/h	300.438	346.687	393.559	440.359
	SHR	no.	0,69	0,68	0,68	0,68
AIR FLOW		CMH	17852	20402	22953	25503
		CFM	10500	12000	13500	15000
EXTERNAL STATIC PRESSURE		Pa	200	250	250	300
		inWG	0,80	1,00	1,00	1,20
WATER FLOW		kg/s	6,12	7,11	8,11	9,10
		CMH	22,04	25,61	29,21	32,77
		USGpm	97,0	112,7	128,6	144,3
WATER PRESSURE DROP		kPa	8,9	12,7	17,4	20,7
		inWG	36	51	70	83
CASING		Frame Type	DS2540			
		Panel Type	(External GI-Internal GI) or (External ColorBond-Internal GI)			
		Insulation	25mm PU @ 40kG/m3			
DIMENSION		mm H	1490	1490	1490	1490
		mm W	1810	2170	2170	2170
		mm D	1150	1430	1430	1430
CONNECTION	Water Inlet/Outlet	Sch40	2	3	3	3
	Drain Pipe Size	in	1			
COIL SPECIFICATION						
COIL	Type		Aluminium fin mechanically bonded to seamless copper tube			
	Face Area	m2	1,97	2,22	2,49	2,80
	Entering (DB/WB)	°C/°C	26.5/19.1			
	Leaving (DB/WB)	°C/°C	11.7/11.2	11.6/11.0	11.4/10.9	11.3/10.8
	Face Velocity	m/s	2,52	2,55	2,56	2,53
	Air Pressure Drop	Pa	155	158	159	156
	Condensate Rate	g/s	16,0	18,8	21,7	24,5
FAN & MOTOR SPECIFICATION						
BLOWER		Type	Forward Curve Centrifugal Belt Drive			
		Size	FC 560R	FC 560R	FC 560R	FC 560R
		Quantity	1			
MOTOR		V-Ø-Hz	380-415V/3Ø/50Hz			
		kW-P	5.50-4	7.50-4	7.50-4	11.00-4
AIR FILTER SPECIFICATION						
AIR FILTER	Nominal Filter FA (m2)		2,70	3,23	3,23	3,23
	G4-22T x FA x 1pc					
	G4-22T x FA x 2pc					
	G4-22T x FA x 3pc					
	G4-46T x FA x 6pc					
	G4-46T x FA x 9pc		1			
	G4-46T x FA x 12pc			1	1	1
	G4-46T x FA x 16pc					
	G4-46T x FA x 20pc					

MODEL SBH-CW-6R SERIES III			16500CW6	18000CW6	22500CW6	24000CW6
GENERAL DATA						
CAPACITY	Total Capacity	kW	206	227	287	306
		Btu/h	703.080	775.232	980.887	1.044.982
	Sensible Capacity	kW	140	154	194	207
		Btu/h	478.466	525.565	662.329	705.300
	SHR	no.	0,68	0,68	0,68	0,67
AIR FLOW		CMH	25503	30604	38255	40805
		CFM	15000	18000	22500	24000
EXTERNAL STATIC PRESSURE		Pa	300	350	350	400
		inWG	1,20	1,41	1,41	1,61
WATER FLOW		kg/s	9,83	10,80	13,70	14,60
		CMH	35,40	38,90	49,34	52,58
		USGpm	155,9	171,3	217,2	231,5
WATER PRESSURE DROP		kPa	13,5	17,1	21,9	25,1
		inWG	54	69	88	101
CASING		Frame Type	DS5060			
		Panel Type	(External GI-Internal GI) or (External ColorBond-Internal GI)			
		Insulation	50mm PU @ 40kG/m3			
DIMENSION		mm H	1890	1890	2190	2190
		mm W	2170	2170	2170	2430
		mm D	1430	1730	1730	1730
CONNECTION	Water Inlet/Outlet	in	3	3	3 1/2	3 1/2
	Drain Pipe Size	in	1			
COIL SPECIFICATION						
COIL	Type		Aluminium fin mechanically bonded to seamless copper tube			
	Face Area	m2	3,09	3,36	4,23	4,37
	Entering (DB/WB)	°C/°C	26.5/19.1			
	Leaving (DB/WB)	°C/°C	11.5/11.0	11.4/10.9	11.3/10.8	11.3/10.8
	Face Velocity	m/s	2,52	2,53	2,51	2,59
	Air Pressure Drop	Pa	155	156	154	163
	Condensate Rate	g/s	26,1	29,0	37,0	39,5
FAN & MOTOR SPECIFICATION						
BLOWER		Type	Forward Curve Centrifugal Belt Drive			
		Size	FC 630R	FC 630R	FC 710R	FC 710R
		Quantity	1			
MOTOR		V-Ø-Hz	380-415V/3Ø/50Hz			
		kW-P	11.00-4	15.00-4	15.00-4	18.50-4
AIR FILTER SPECIFICATION						
AIR FILTER	Nominal Filter FA (m2)		4,10	4,10	4,75	5,32
	G4-22T x FA x 1pc					
	G4-22T x FA x 2pc					
	G4-22T x FA x 3pc					
	G4-46T x FA x 6pc					
	G4-46T x FA x 9pc					
	G4-46T x FA x 12pc					
	G4-46T x FA x 16pc		1	1	1	1
	G4-46T x FA x 20pc					

MODEL SBH-CW-6R SERIES III			27000CW6	30000CW6	36000CW6
GENERAL DATA					
CAPACITY	Total Capacity	kW	315	357	441
		Btu/h	1.074.641	1.218.241	1.505.478
	Sensible Capacity	kW	220	247	302
		Btu/h	749.419	843.134	1.030.655
AIR FLOW	SHR	no.	0,70	0,69	0,68
		CMH	45905	51006	61207
		CFM	27000	30000	36000
EXTERNAL STATIC PRESSURE		Pa	400	450	450
		inWG	1,61	1,81	1,81
WATER FLOW		kg/s	15,00	17,00	21,00
		CMH	54,02	61,22	75,63
		USGpm	237,8	269,6	333,0
WATER PRESSURE DROP		kPa	4,4	5,9	10,0
		inWG	18	24	40
CASING		Frame Type	DS5060		
		Panel Type	(External GI-Internal GI) or (External ColorBond-Internal GI)		
		Insulation	50mm PU @ 40kg/m3		
DIMENSION		mm H	2190	2190	2190
		mm W	2710	2990	3540
		mm D	1935	1935	1935
CONNECTION	Water Inlet/Outlet	in	3 1/2	3 1/2	4
	Drain Pipe Size	in	1		
COIL SPECIFICATION					
COIL	Type		Aluminium fin mechanically bonded to seamless copper tube		
	Face Area	m2	4,92	5,47	6,56
	Entering (DB/WB)	°C/°C	26.5/19.1		
	Leaving (DB/WB)	°C/°C	12.1/11.6	12.0/11.4	11.7/11.2
	Face Velocity	m/s	2,59	2,59	2,59
	Air Pressure Drop	Pa	163	162	163
	Condensate Rate	g/s	37,8	43,6	55,2
FAN & MOTOR SPECIFICATION					
BLOWER		Type	Forward Curve Centrifugal Belt Drive		
		Size	FC 800K	FC 800K	FC 900K
		Quantity	1		
MOTOR		V-Ø-Hz	380-415V/3Ø/50Hz		
		kW-P	18.50-4	22.00-4	30.00-4
AIR FILTER SPECIFICATION					
AIR FILTER	Nominal Filter FA (m2)		5,93	6,55	7,75
	G4-22T x FA x 1pc				
	G4-22T x FA x 2pc				
	G4-22T x FA x 3pc				
	G4-46T x FA x 6pc				
	G4-46T x FA x 9pc				
	G4-46T x FA x 12pc				
	G4-46T x FA x 16pc				
	G4-46T x FA x 20pc		1	1	1



Head Office :



Kawasan Sarana Industri Terpadu,
Jl. Industri Cikarang, Pasirgombong,
Cikarang Utara, Bekasi, JawaBarat
17550, Indonesia.



021-8935670/71



saleshvac@udarajadibersih.co.id
estimator@udarajadibersih.co.id



ThermalTrue



@ThermalTrue



ThermalTrue



@ThermalTrue