



**TECHNICAL DETAILS**  
**“SULZER” MODUPOL® EWK 2100 - 12200**

MODUPOL® model	Air volume at water loading r = 15,0 m <sup>3</sup> /m <sup>2</sup> /h	single speed motor – 4 pole					two speed motor – 4/8 pole				
		Fan with motor	Weight fan + motor	Fan speed	Power required per fan shaft P = 1,12 kg/m <sup>3</sup>	Nominal power of motor	Fan with motor	Weight fan + motor	Fan speed	Power required per fan shaft P= 1,12 kg/m <sup>3</sup>	Nominal power of motor
EWK	m <sup>3</sup> /s	type	kg	1/min	kW	kW	type	kg	1/min	kW	kW
<b>one cell</b>											
2100/06	61	3150/4 ZK120	410	296	12.8	15.0	3150/4 ZK120	440	148/296	1,6/12,8	3,5/14
2100/09	61	3150/5 ZK120	440	300	15.6	18.5	3150/5 ZK120	470	150/300	2,0/15,6	4,5/18
3100/06	91	3550/4 ZK120	460	300	19.3	22.0	3550/4 ZK120	480	150/300	2,4/19,3	5,5/22
3100/09	91	3550/5 ZK142	620	283	22.7	30.0	3550/5 ZK121	650	131/261	2,8/22,7	7,5/30
4500/06	137	4500/5 ZK142	840	200	25.3	30.0	4500/5 ZK162	860	100/200	3,2/25,3	7,5/30
4500/09	137	4500/5 ZK181	1220	193	30.4	37.0	4500/6 ZK181	1250	95/192	3,8/30,4	10/37
6100/06	183	5535/4 SCM	1660	163	45.0	55.0	5535/4 SCM	1660	82/163	5,6/45.0	12/55
6100/09	183	5535/5 SCM	1750	163	51.0	55.0	5535/5 SCM	1750	82/163	6,5/52.0	12/55
<b>two cells</b>											
4200/06	2 x 61	2 x 3150/4 ZK120	2 x 410	296	2 x 11,4	2 x 15	2 x 3150/4 ZK120	2 x 440	148/296	2 x 1,4/11,4	2 x 3,5/14
4200/09	2 x 61	2 x 3150/5 ZK120	2 x 430	300	2 x 13,9	2 x 18,5	2 x 3150/5 ZK120	2 x 450	150/300	2 x 1,7/13,9	2 x 4,5/18,5
6200/06	2 x 91	2 x 3550/4 ZK120	2 x 450	300	2 x 20,5	2 x 22	2 x 3550/4 ZK120	2 x 470	150/300	2 x 2,6/20,5	2 x 5,5/22
6200/09	2 x 91	2 x 3550/5 ZK142	2 x 640	283	2 x 22,6	2 x 30	2 x 3550/5 ZK121	2 x 660	131/261	2 x 2,8/22,6	2 x 7,5/30
9000/06	2 x 137	2 x 4500/5 ZK142	2 x 840	200	2 x 27,5	2 x 30	2 x 4500/5 ZK162	2 x 860	100/200	2 x 3,4/27,5	2 x 7,5/30
9000/09	2 x 137	2 x 4500/6 ZK181	2 x 1260	193	2 x 32,8	2 x 37	2 x 4500/6 ZK181	2 x 1300	95/192	2 x 4,1/32,8	2 x 10/37
12200/06	2 x 183	2 x 5535/4 SCM	2 x 1660	163	2 x 45	2 x 55	2 x 5535/4 SCM	2 x 1660	82/163	2 x 5,6/45.0	2 x 12/55
12200/09	2 x 183	2 x 5535/5 SCM	2 x 1750	163	2 x 51	2 x 55	2 x 5535/5 SCM	2 x 1750	82/163	2 x 6,5/52.0	2 x 12/55

Use of soft starters or VSD (variable speed drive) is highly recommended.