



The following electrical guidelines are for Osborne Agri-Aide motors and controls only and do not necessarily apply to equipment of other manufacturers.

<b>MAXIMUM NUMBER OF MOTORS PER VARIABLE-SPEED CONTROL*</b>										
Motor	HP	RPM	MSCS		AV-9		AV-11		CV5**	
			120V	240V	120V	240V	120V	240V	120V	240V
REM-1100	1/25	1725	2	5	6	12	7	14	7	14
REM-3100	1/6	1725	1	2	3	6	3	7	3	6
REM-3200	1/6	3450	1	2	3	6	3	7	3	6
REM-4100	1/4	1725	1	1	1	3	2	4	2	4
REM-5100	1/2	1725	0	1	1	2	1	2	1	2
REM-5200	1/2	850	0	1	1	2	1	2	1	2

\*Derate the maximum number of motors by 25% if interior temperature is above 95°F.

<b>MAXIMUM NUMBER OF MOTORS PER THERMOSTAT</b>						
Motor	HP	RPM	SSTW		TSTW	
			120V	240V	120V	240V
REM-1100	1/25	1725	12	18	12	18
REM-3100	1/6	1725	5	8	5	8
REM-3200	1/6	3450	5	8	5	8
REM-4100	1/4	1725	3	5	3	5
REM-5100	1/2	1725	1	2	1	2
REM-5200	1/2	850	1	2	1	2

<b>AGRI-AIDE CONTROLS MAXIMUM OUTPUT (AMPS)</b>		
Model	120V	240V
TSTW	16	12
SSTW	16	12
MSCS	4	4
AV-9	9	9
AV-11	11	11
CV5**	10	10

Motor	HP	RPM	MAXIMUM AMPS FOR AGRI-AIDE MOTORS AT VARIABLE-SPEED		NAMEPLATE AMPS FOR AGRI-AIDE MOTORS		SERVICE FACTOR
			120V	240V	120V	240V	S.F
REM-1100	1/25	1725	1.16	0.59	1.20	0.64	1.00
REM-3100	1/6	1725	2.99	1.36	2.20	1.10	1.00
REM-3200	1/6	3450	2.16	1.10	2.00	1.00	1.00
REM-4100	1/4	1725	5.14	2.39	3.40	1.70	1.35
REM-5100	1/2	1725	9.15	4.22	5.00	2.50	1.50
REM-5200	1/2	850	8.14	3.97	6.60	3.30	1.15

A fused, safety-disconnect switch should be installed near each fan. The table below lists the recommended time-delay and nontime-delay fuse sizes for each individual fan. Follow all national, state and local electrical codes

<b>RECOMMENDED FUSE SIZE FOR SAFETY-DISCONNECT SWITCH PER NATIONAL ELECTRICAL CODE</b>						
Motor	HP	RPM	Time-Delay Fuse		Nontime-Delay Fuse	
			120V	240V	120V	240V
REM-1100	1/25	1725	3A	2A	4A	2A
REM-3100	1/6	1725	4A	2A	7A	4A
REM-3200	1/6	3450	4A	2A	7A	4A
REM-4100	1/4	1725	8A	4A	14A	7A
REM-5100	1/2	1725	14A	7A	23A	12A
REM-5200	1/2	850	14A	7A	23A	12A

\*\*These ratings are per stage.