

Basic Controller Differences Between Models

	CME256, CME506, CME656, CME806	SCE275	CME306 & CME456 (separate controllers)	CME686	CME810	CME1056	CME1356 and CME1656	CME1386	CME1686	CME1856 CME2006	CME2086
Water Fill - Harvest	Fills and overflows		CME456: 22 sec CME306: 16 sec	20 seconds		9 seconds of fill	31 sec	28 sec	28 sec	30 sec	60 sec
Water Fill Time - Max	130 seconds			250 seconds							
Water Fill - Freeze, not counting Anti-Slush	None	Twice	Tops off at beginning, 456 refills once more	Tops off at the beginning of freeze and refills once more							
Max Freeze Time	50 minutes	35 min	45 minutes	53 min	40 min	31 minutes	36 min	50 minutes		36 minutes	50 minutes
Default Harvest Time	5 minutes	5 ½ minutes	Varies from 5 to 2 minutes	5 minutes			6 - 9 minutes	5 to 9 minutes		6 minutes	5 - 9 min
Max Harvest Time	10 minutes	8 minutes	14 minutes	13 min	15 min	14 minutes					
Harvest Time Margin Calculation	Fixed % of time to last cube		Variable % of time to last cube, based on time to last cube								
Discharge Temp below which a.c. fan will cycle on and off	125°F.	142°F.	CME456: 146°F. CME306: 142°F.	n/a		134°F.	121°F.	n/a			
Fan cycles on/off secs	30/30		306 - 12/45 456 - 12/20	n/a		40/10	30/20	n/a			
No of freeze cycles to default harvest	15			13		12	15	13		15	13
Compressor Off-Cycle Control (remote or Eclipse only)	Allows restart of compressor for 10 secs after 72 min of off time		Restart compressor for 30 seconds after 12 hours of off time								
Compressor Shut Down Control	none	none	Compressor stays on for 30 seconds after bin full								
Harvest By-pass Time (Remote)	n/a	n/a	8 to 32 seconds	n/a	n/a	16 to 32 seconds	8 to 24 seconds	n/a	n/a	12 to 32 seconds	n/a

Current as of 4/04.