

PRODUCT NOTICE

PN# 26-09 | October 2026

Aircore EC+ Standardization

Summary

As of April 21, 2026, the following technical specs are in effect for all Aircore EC+ systems. This update standardizes key motor selection options for an IP65 (Ingress Protection) rating, hybrid ceramic bearings and 415V/460V dual voltage rating. Refer to [PN-01](#) for the initial announcement.

Effective immediately, SKUs with the following selections are discontinued and will no longer be manufactured.

- Steel bearings
- IP54 ingress protection
- 415V Rating

Key Updates

Update	Description
IP enclosure rating	IP65 is now the standard enclosure rating across all motors (IP54 option removed).
Bearings	Hybrid ceramic bearings are now the standard across all motors (steel bearings removed).
Voltage selection	415V and 460V are now combined under a single selection. Motor datasheets and product nameplate labels reflect both voltage conditions, including efficiency and rated amps.

AIRCORE EC+			
SN: 1234SLT010001		REV: B	
INPUT: 415-460VAC 3Φ 60Hz			
OUTPUT	RPM	AMP	
1.5 - 10.0 HP	720 - 4320	415V: 2.9 - 13.0	
1.1 - 7.5 kW		460V: 2.9 - 12.0	
AE18-1000-3600-AAAH-AA63			
Input		SN	
415 -460VAC 3Φ 60Hz		1234SLT010001	
OUTPUT	RPM	AMP	
10.0 HP / 7.5 kW	3600	13.0 - 12.0	
EFF. AMCA 207		SF 1.0	INS B
ENC TEFC	CONT	IP65	E.P.L.

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Firmware and Software Availability

Deliverables	Source and Availability
MST V 4.1.5 (Motor Selection Tool, Web Version)	mst.goinfinitum.com Live since April 21
FST (Fan Selection Tool)	fst.goinfinitum.com Live since April 21

Frequently Asked Questions

Question	Answer																																				
Q1. How can I tell which bearings, voltage and/or IP enclosure my motors have?	This information can be found in the last 8 digits of your motor SKU. Refer to the example below:																																				
Example: AE13-0590-1225-AAAH-AA63 <table><tr><th>Family</th><th>Frame</th><th>Rated Power</th><th>Rated Speed</th><th>Product Code Voltage</th><th>Product Communication</th><th>Product Code VFD</th><th>Product Code Bearings</th><th>Product Code Shaft</th><th>Product Code Cable Harness</th><th>Product Ingress Protection</th><th>Product Code Misc.</th></tr><tr><td>XX</td><td>XX</td><td>XXXX</td><td>XXXX</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr><tr><td>AE, AM</td><td>13, 15, 18, 20</td><td>0590</td><td>1225</td><td>A 415V/460V/60Hz C 575V/60Hz</td><td>A MODBUS RTU & Analog B BACnet MS/TP & Analog</td><td>A All features/Default parameters</td><td>H Hybrid Ceramic</td><td>A 3.3", D 1.13" B L4.0, D 1.13"</td><td>A None</td><td>6 IP65</td><td>0 Ground Wye, EP-L 3 Grounded Wye, HRG, Delta, EP-L</td></tr></table>		Family	Frame	Rated Power	Rated Speed	Product Code Voltage	Product Communication	Product Code VFD	Product Code Bearings	Product Code Shaft	Product Code Cable Harness	Product Ingress Protection	Product Code Misc.	XX	XX	XXXX	XXXX	X	X	X	X	X	X	X	X	AE, AM	13, 15, 18, 20	0590	1225	A 415V/460V/60Hz C 575V/60Hz	A MODBUS RTU & Analog B BACnet MS/TP & Analog	A All features/Default parameters	H Hybrid Ceramic	A 3.3", D 1.13" B L4.0, D 1.13"	A None	6 IP65	0 Ground Wye, EP-L 3 Grounded Wye, HRG, Delta, EP-L
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Q2. Where can I get updated datasheets?	You can find updated datasheets on the Motor Selection Tool .																																				
Q3. What happens if I submit a PO for a SKU that includes a discontinued selection, such as steel bearings?	Infinitum's Customer Support Team will contact you to request an updated PO with an available selection. In this example, the SKU would need to be updated to hybrid ceramic bearings.																																				
Q4. Do any of the changes impact form, fit or function?	The changes do not impact form or fit. Function is enhanced through the addition of hybrid ceramic bearings and IP65 ingress protection.																																				
Q5. Does this change impact EC+ Fan systems?	Yes. The above changes are applicable for both Aircore EC+ motor and fan systems.																																				

Contact

For more information on this Product Notice or for any support needs:

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