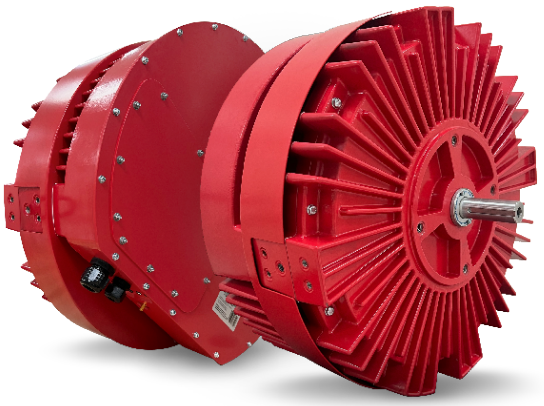
Infinitum

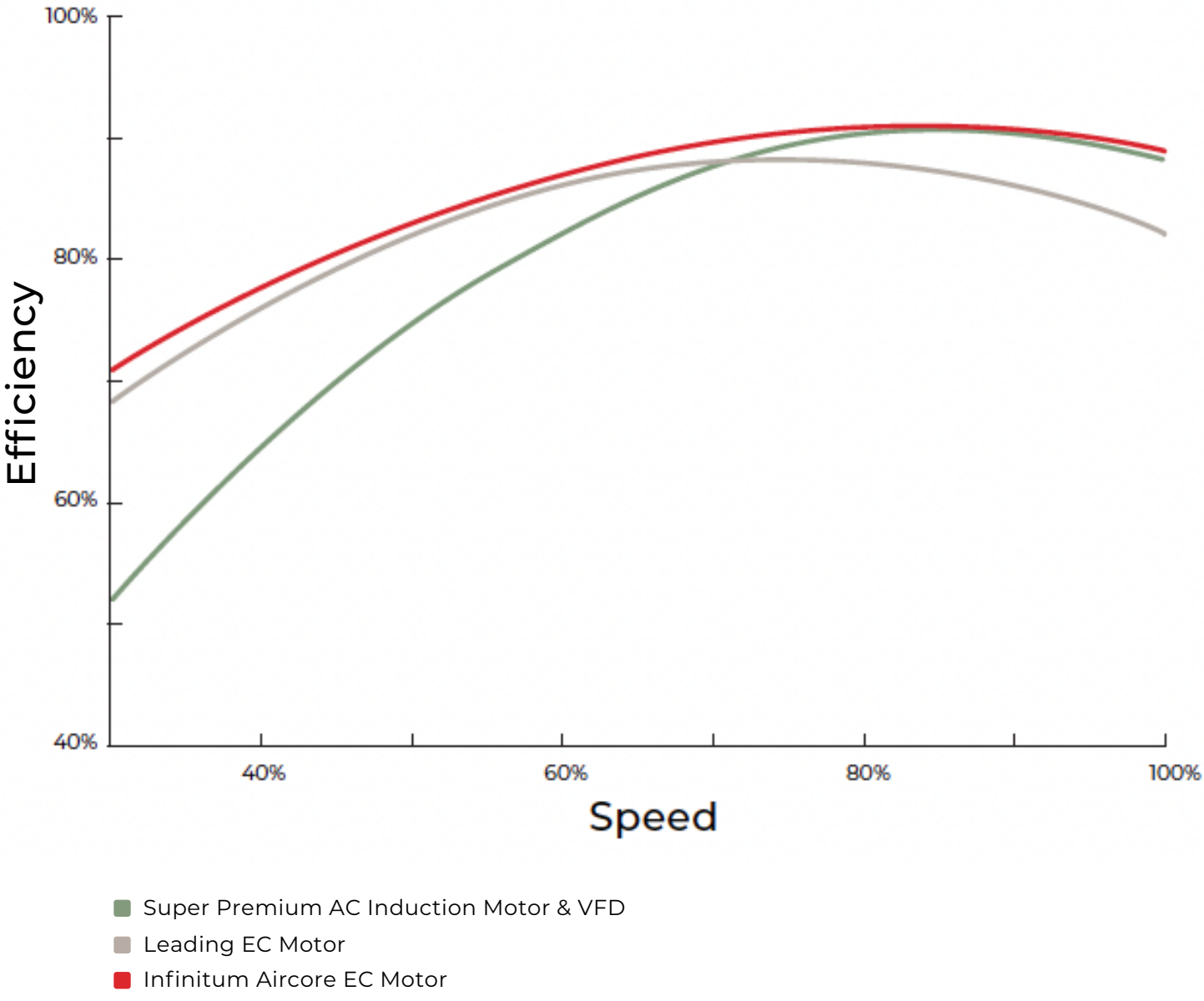


Aircore EC Motors

Powering the Electric Revolution

Infinitum's Aircore EC motors utilize our innovative printed circuit board stator technology to deliver unrivaled advantages for fan and pump applications. Aircore EC motors are lightweight, exceptionally durable, highly efficient, and all with optional IoT connectivity.

Infinitum Motor Efficiency



Aircore EC Motors

Catalog Number	Power hp/kW	Speed (RPM)	Diameter (in.)	Motor + Drive Length (in.)	Motor + Drive Weight (lb)
IES205-15-3600-460-A	15 / 11.19	3600	20.2	8.9	160
IES205-15-2400-460-A	15 / 11.19	2400	20.2	8.9	160
IES205-10-1800-460-A	10 / 7.46	1800	20.2	8.9	160
IES180-10-3600-460-A	10 / 7.46	3600	17.9	8.6	115
IES180-10-2400-460-A	10 / 7.46	2400	17.9	8.6	115
IES180-7.5-1800-460-A	7.5 / 5.59	1800	17.9	8.6	115
IES150-7.5-3600-460-A	7.5 / 5.59	3600	15.9	9.4	93
IES150-7.5-2400-460-A	7.5 / 5.59	2400	15.9	9.4	93
IES150-5-2400-460-A	5 / 3.73	2400	15.9	9.4	93
IES150-5-1800-460-A	5 / 3.73	1800	15.9	9.4	93
IES130-5-4200-460-A	5 / 3.73	4200	14.0	9.2	79
IES130-5-3600-460-A	5 / 3.73	3600	14.0	9.2	79

Electrical Specifications

Voltage	460VAC(± 10%), 3Φ
Input Frequency	60 Hz
Analog References	0-10 V, 0-20 mA
Digital Inputs	24 VDC

Mechanical Specifications

Enclosure	TEFC/IP54
Mounting	Frame, C-Face
Relative Humidity	95% non-condensing
Maximum Elevation	Up to 1000m De-rate above 1000m

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