







EXCEL® STUDIO KILN COMPARISON CHART

KILNS

Kiln Model Photos are shown to scale for size comparison.	Maximum Recommended Temperature	Firing Chamber Area	Chamber Size	Exterior Dimensions	Kiln Weight	Shipping Weight (approximate)	Furniture Kit
EX-270/EX-270SF  10-sided	Cone 10 2381°F 1305°C (240V Single or Three Phase, 208V Three Phase) Cone 6 2269°F 1243°C (208V Single Phase)	7.0 cubic feet 198L	23 ³ / ₈ " dia. 27" d 594mm dia. 686mm d	33 ¹ / ₂ " w 28 ¹ / ₂ d 40" h 851mm w 724mm d 1016mm h	187 lbs. 84.1Kg	214 lbs. 96.3 Kg 290 lbs.** 130.5 Kg**	FK-270 9 1" x 1" x 1" shelf supports 9 1" x 1" x 2" shelf supports 9 1" x 1" x 4" shelf supports 9 1" x 1" x 6" shelf supports 9 1" x 1" x 8" shelf supports 9 1 ¹ / ₂ " x 1 ¹ / ₂ " x 10" shelf supports 8 21" x 10 ¹ / ₂ " x 3/4" half round shelves 1 4 lb. carton Kiln Shelf Wash 11451V <i>Shipping Weight 127 lbs.</i>
EX-365/EX-365SF  10-sided	Cone 10 2381°F 1305°C	6.57 cubic feet 186L	22 ³ / ₄ " dia. 27" d 578mm dia. 686mm d	33 ¹ / ₂ " w 27 ¹ / ₂ d 41" h 851mm w 698mm d 1041mm h	215 lbs. 96.75Kg	242 lbs. 108.9 Kg 320 lbs.** 144 Kg**	FK-365 9 1" x 1" x 1" shelf supports 9 1" x 1" x 2" shelf supports 9 1" x 1" x 4" shelf supports 9 1" x 1" x 6" shelf supports 9 1" x 1" x 8" shelf supports 9 1 ¹ / ₂ " x 1 ¹ / ₂ " x 10" shelf supports 8 19" x 9 ¹ / ₂ " x 5/8" half round shelves 1 4 lb. carton Kiln Shelf Wash 11455C <i>Shipping Weight 127 lbs.</i>
EX-226/EX-226SF  8-sided	Cone 10 2381°F 1305°C	2.63 cubic feet 74.5L	17 ¹ / ₂ " dia. 18" d 444mm dia. 457mm d	27 ¹ / ₂ " w 22 ¹ / ₂ d 31" h 698mm w 572mm d 787mm h	108 lbs. 48.6 Kg	145 lbs. 65.25Kg	FK-226 9 1" x 1" x 1" shelf supports 6 1" x 1" x 2" shelf supports 6 1" x 1" x 4" shelf supports 6 1" x 1" x 6" shelf supports 6 1" x 1" x 8" shelf supports 2 15 ¹ / ₂ " x 7 ¹ / ₂ " x 3/8" half octagon shelves 2 15 ¹ / ₂ " x 15 ¹ / ₂ " x 5/8" full octagon shelves 1 4 lb. carton Kiln Shelf Wash 11448R <i>Shipping Weight 75 lbs.</i>
EX-324/EX-324SF  8-sided	Cone 10 2381°F 1305°C	2.35 cubic feet 66.6L	16 ¹ / ₂ " dia. 18" d 419mm dia. 457mm d	27 ¹ / ₂ " w 22 ¹ / ₂ d 31" h 698mm w 572mm d 787mm h	120 lbs 54 Kg	160 lbs. 72 Kg	FK-324 9 1" x 1" x 1" shelf supports 6 1" x 1" x 2" shelf supports 6 1" x 1" x 4" shelf supports 6 1" x 1" x 6" shelf supports 6 1" x 1" x 8" shelf supports 2 15" x 7 ¹ / ₂ " x 3/8" half octagon shelves 2 15" x 15" x 5/8" full octagon shelves 1 4 lb. carton Kiln Shelf Wash 11453A <i>Shipping Weight 75 lbs.</i>
EX-247/EX-247SF  10-sided	Cone 10 2381°F 1305°C	4.7 cubic feet 133L	23 ³ / ₈ " dia. 18" d 594mm dia. 457mm d	33 ¹ / ₂ " w 28 ¹ / ₂ d 31" h 851mm w 724mm d 787mm h	140 lbs. 63 Kg	172 lbs. 77.4 Kg 250 lbs.** 112.5 Kg**	FK-247 9 1" x 1" x 1" shelf supports 6 1" x 1" x 2" shelf supports 6 1" x 1" x 4" shelf supports 6 1" x 1" x 6" shelf supports 6 1" x 1" x 8" shelf supports 6 21" x 10 ¹ / ₂ " x 3/4" half round shelves 1 4 lb. carton Kiln Shelf Wash 11450T <i>Shipping Weight 90 lbs.</i>
EX-344/EX-344SF  10-sided	Cone 10 2381°F 1305°C	4.38 cubic feet 124L	22 ³ / ₄ " dia. 18" d 578mm dia. 457mm d	33 ¹ / ₂ " w 28 ¹ / ₂ d 31" h 851mm w 724mm d 787mm h	168 lbs. 75.6 Kg	202 lbs. 90.9 Kg 275 lbs.** 123.75 Kg**	FK-344 9 1" x 1" x 1" shelf supports 6 1" x 1" x 2" shelf supports 6 1" x 1" x 4" shelf supports 6 1" x 1" x 6" shelf supports 6 1" x 1" x 8" shelf supports 6 19" x 9 ¹ / ₂ " x 5/8" half round shelves 1 4 lb. carton Kiln Shelf Wash 11454B <i>Shipping Weight 90 lbs.</i>

NOTE: Width dimension includes control box and height includes the stand (8", 203mm) on all "EX" Kilns. ** Weight with EZ-Lift hinge.







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KILNS

Kiln Vent	Kilowatt Rating	Power Leads Required	Amperage Rating	Kiln with Kiln-Sitter® and Timer Single Phase	Kiln with Kiln-Sitter® and Timer Three Phase	Kiln with Select Fire™ Single Phase	Kiln with Select Fire™ Three Phase	Kiln Model
KilnVent Stand Version 29978X	11.5	50 AMP cord & plug	Single Phase 48.0 @ 208 Volt 48.0 @ 240 Volt	Standard Hinge 208V 24211S 220/240V 24210R	Standard Hinge 208V 24213V 220/240V 24212T	Standard Hinge 208V 24110D 220/240V 24111E	Standard Hinge 208V 24112F 220/240V 24113G	EX-270/ EX-270SF
			Three Phase 31.7 @ 208 Volt 29.3 @ 240 Volt	EZ-Lift 208V 25101A 220/240V 25102B	EZ-Lift 208V 25103C 220/240V 25104D	EZ-Lift 208V 25105E 220/240V 25106F	EZ-Lift 208V 25107G 220/240V 25108J	
Retrofit kits are available for EXCEL kilns purchased without EZ-Lift.								
KilnVent Stand Version 29978X	11.25	50 AMP cord & plug	Single Phase 48.0 @ 208 Volt 48.0 @ 240 Volt	Standard Hinge 208V 24225F 220/240V 24224E	Standard Hinge 208V 24227H 220/240V 24226G	Standard Hinge 208V 24114H 220/240V 24115J	Standard Hinge 208V 24116K 220/240V 24117L	EX-365/ EX-365SF <small>Zone Control Select Fire™ is an available option. Call AMACO® for more information.</small>
			Three Phase 31.7 @ 208 Volt 29.3 @ 240 Volt	EZ-Lift 208V 25109H 220/240V 25110K	EZ-Lift 208V 25111M 220/240V 25112L	EZ-Lift 208V 25113N 220/240V 25114P	EZ-Lift 208V 25115R 220/240V 25116T	
Retrofit kits are available for EXCEL kilns purchased without EZ-Lift.								
KilnVent Stand Version 29978X	6.4	50 AMP cord & plug	26.7 @ 208 Volt 27.8 @ 240 Volt	208V 24203H 220/240V 24202G	Available in Single Phase Only	208V 24101S 220/240V 24102T	Available in Single Phase Only	EX-226/ EX226SF
				Not available with EZ-Lift		Not available with EZ-Lift		
KilnVent Stand Version 29978X	6.4	50 AMP cord & plug	26.7 @ 208 Volt 27.8 @ 240 Volt	208V 24217B 220/240V 24216A	Available in Single Phase Only	208V 24103V 220/240V 24104W	Available in Single Phase Only	EX-324/ EX-324SF
				Not available with EZ-Lift		Not available with EZ-Lift		
KilnVent Stand Version 29978X	9.25	50 AMP cord & plug	39.4 @ 208 Volt 40.0 @ 240 Volt	Standard Hinge 208V 24207M 220/240V 24206L	Available in Single Phase Only	Standard Hinge 208V 24105X 220/240V 24106A	Available in Single Phase Only	EX-247/ EX-247SF
				EZ-Lift 208V 25125F 220/240V 25126E		EZ-Lift 208V 25127H 220/240V 25128L		
Retrofit kits are available for EXCEL kilns purchased without EZ-Lift.								
KilnVent Stand Version 29978X	9.25	50 AMP cord & plug	39.4 @ 208 Volt 40.0 @ 240 Volt	Standard Hinge 208V 24221B 220/240V 24220A	Available in Single Phase Only	Standard Hinge 208V 24107B 220/240V 24109C	Available in Single Phase Only	EX-344/ EX-344SF
				EZ-Lift 208V 25129G 220/240V 25130K		EZ-Lift 208V 25131M 220/240V 25132J		
Retrofit kits are available for EXCEL kilns purchased without EZ-Lift.								

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KILNS

Kiln Model Photos are shown to scale for size comparison.	Maximum Recommended Temperature	Firing Chamber Area	Chamber Size	Exterior Dimensions	Kiln Weight	Shipping Weight (approximate)	Furniture Kit
EX-399/EX-399SF  12-sided	Cone 8 2320°F 1271°C (240V Single or Three Phase, 208V Three Phase) <hr/> Cone 5 2285°F 1196°C (208V Single Phase)	9.92 cubic feet 281L	28" dia. 27" d 711mm dia. 686mm d	38" w 33" d 41" h 965mm w 838mm h 1041mm d	290 lbs. 130.5 Kg	400 lbs. 180 Kg	FK-399/1099SF 9 1" x 1" x 1" shelf supports 9 1" x 1" x 2" shelf supports 9 1" x 1" x 4" shelf supports 9 1" x 1" x 6" shelf supports 9 1" x 1" x 8" shelf supports 9 1 1/2" x 1 1/2" x 10" shelf supports 1 4 lb. carton Kiln Shelf Wash 11452X FK-399/1099SF Furniture Kit with 8 26" x 13" x 1/2" half octagon shelves <i>Shipping Weight 140 lbs.</i> 11458F FK-399/1099SF Furniture Kit with 8 26" x 13" x 1" half octagon shelves <i>Shipping Weight 196 lbs.</i>
EX-1099SF  12-sided	Cone 10 2381°F 1305°C	9.92 cubic feet 281L	28" dia. 27" d 711mm dia. 686mm d	38" w 33" d 41" h 965mm w 838mm d 1041mm h	290 lbs. 130.5 Kg	410 lbs. 184.5 Kg	FK-399/1099SF 9 1" x 1" x 1" shelf supports 9 1" x 1" x 2" shelf supports 9 1" x 1" x 4" shelf supports 9 1" x 1" x 6" shelf supports 9 1" x 1" x 8" shelf supports 9 1 1/2" x 1 1/2" x 10" shelf supports 1 4 lb. carton Kiln Shelf Wash 11452X FK-399/1099SF Furniture Kit with 8 26" x 13" x 1/2" half octagon shelves <i>Shipping Weight 140 lbs.</i> 11458F FK-399/1099SF Furniture Kit with 8 26" x 13" x 1" half octagon shelves <i>Shipping Weight 196 lbs.</i>
EX-1850SF  12-sided	Cone 10 2381°F 1305°C	18.5 cubic feet 524L	31" x 46" dia. 27" d 787mm x 1168mm dia. 686mm d	52" w 36 3/4" d 33" h 1321mm w 933mm d 838mm h	480 lbs. 275 Kg	535 lbs. 241 Kg	FK-1850 15 1" x 1" x 1" shelf supports 15 1" x 1" x 2" shelf supports 15 1" x 1" x 3" shelf supports 15 1" x 1" x 4" shelf supports 15 1" x 1" x 5" shelf supports 15 1" x 1" x 6" shelf supports 1 4 lb. carton Kiln Shelf Wash 11456D FK-1850 Furniture Kit with 8 13" x 16" x 1/2" rectangular shelves 8 26" x 13" x 1/2" half octagon shelves <i>Shipping Weight 253 lbs.</i> 11460H FK-1850 Furniture Kit with 8 13" x 16" x 1" rectangular shelves 8 26" x 13" x 1" half octagon shelves <i>Shipping Weight 343 lbs.</i>
EX-1266SF  12-sided	Cone 10 2381°F 1305°C	6.6 cubic feet 186.9L	28" dia. 17 3/4" d 711mm dia. 451mm d	38" w 33" d 32" h 965mm w 838mm d 813mm h	230 lbs. 103.5 Kg	330 lbs. 148.5Kg	FK-1266 9 1" x 1" x 1" shelf supports 6 1" x 1" x 2" shelf supports 6 1" x 1" x 4" shelf supports 6 1" x 1" x 6" shelf supports 6 1" x 1" x 8" shelf supports 6 1 1/2" x 1 1/2" x 10" shelf supports 1 4 lb. carton Kiln Shelf Wash 11457E FK-1266 Furniture Kit with 6 26" x 13" x 1/2" half octagon shelves <i>Shipping Weight 110 lbs.</i> 11459G FK-1266 Furniture Kit with 6 26" x 13" x 1" half octagon shelves <i>Shipping Weight 152 lbs.</i>
Glass GSF-045 	Cone 07 1800°F 1000°C	.45 cubic feet 12.74L	10" x 9" dia. 9" d 254mm x 229mm dia. 229mm d	30" w 29" d 17" h 762mm w 737mm d 432mm h	80 lbs. 36 Kg	90 lbs. 40.5 Kg	FK-045 3 1" x 1" x 1" shelf supports 3 1" x 1" x 5" shelf supports 2 8" square shelves 1 1 lb. jar Kiln Shelf Wash 11390B <i>Shipping Weight 9 lbs.</i>
Glass GSF-670 	Cone 07 1800°F 1000°C	6.72 cubic feet 190.3L	41 1/2" x 24 1/2" dia. 13 1/2" d 1054mm x 622mm dia. 343mm d	52 1/2" w 33" d 28" h 1334mm w 838mm d 711mm h	280 lbs. 142.2 Kg	305 lbs. 137.2 Kg	FK-670 10 1" x 1" x 5" shelf supports 2 21" d x 10 1/2" x 3/8" half round shelves 1 18" x 22" x 3/8" rectangular shelf 1 4 lb. carton Kiln Shelf Wash 11449L <i>Shipping Weight 48 lbs.</i>

NOTE: Width dimension includes control box and height includes the stand (8", 203mm) on all "EX" Kilns.

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KILNS

Kiln Vent	Kilowatt Rating	Power Leads Required	Amperage Rating	Kiln with Kiln-Sitter® and Timer Single Phase	Kiln with Kiln-Sitter® and Timer Three Phase	Kiln with Select Fire™ Single Phase	Kiln with Select Fire™ Three Phase	Kiln Model
KilnVent Stand Version 29987H	11.25	50 AMP cord & plug	Single Phase 48.0 @ 208 Volt 48.0 @ 240 Volt Three Phase 31.7 @ 208 Volt 29.3 @ 240 Volt	EZ-Lift 208V 25133P 220/240V 25134N	EZ-Lift 208V 25135T 220/240V 25136R	EZ-Lift 208V 25137V 220/240V 25138W	EZ-Lift 208V 25139S 220/240V 25140B	EX-399/ EX-399SF
Retrofit kits are available for EXCEL kilns purchased without EZ-Lift.								
KilnVent Stand Version 29987H	11.25	Single Phase 2 gauge wire (208 Volt) 4 gauge wire (240 Volt) Three Phase 6 gauge wire (208 Volt) 6 gauge wire (240 Volt)	Single Phase 69.0 @ 208 Volt 60.0 @ 240 Volt Three Phase 46.7 @ 208 Volt 40.0 @ 240 Volt	Available with Select Fire™ only	Available with Select Fire™ only	EZ-Lift 208V 25141X 220/240V 25142A	EZ-Lift 208V 25143C 220/240V 25144D	EX-1099SF Zone Control Select Fire™ is an available option. Call AMACO® for more information.
Retrofit kits are available for EXCEL kilns purchased without EZ-Lift.								
KilnVent Stand Version (oval) 29988J	23.6	Three Phase 4 gauge wire (208 Volt) 4 gauge wire (240 Volt)	Three Phase 76.0 @ 208 Volt 66.0 @ 240 Volt	Available with Zone Control Select Fire™ only	Available with Zone Control Select Fire™ only	Available in Three Phase Only	208V 24135K 220/240V 24136M	EX-1850SF
KilnVent Stand Version 29978X	11.5	50 AMP cord & plug	Single Phase 48.0 @ 208 Volt 48.0 @ 240 Volt	Available in Single Phase only with Select Fire™	Available in Single Phase only with Select Fire™	EZ-Lift 208V 25145E 220/240V 25146F	Available in Single Phase Only	EX-1266SF
Retrofit kits are available for EXCEL kilns purchased without EZ-Lift.								
N/A	1.7	15 AMP cord & plug	15 @ 115 Volt	Available with Select Fire™ only	Available with Select Fire™ only	110/120V Household Current 24142T	N/A	GSF-045
N/A	8.3	50 AMP cord & plug	Single Phase 40.0 @ 208 Volt 34.7 @ 240 Volt Three Phase 23.1 @ 208 Volt 20.0 @ 240 Volt	Available with Select Fire™ only	Available with Select Fire™ only	208V 24143V 220/240V 24145W	208V 24144S 220/240V 24146X	GSF-670

NOTE: EZ-Lift Kits are also available for existing Excel® Kilns purchased without EZ-Lift. Kit for EX-399, EX-1099SF, EX-1266SF: 25147G.