

AMACO® 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
AH-10/AH-10SF 	Cone 10 2381°F 1305°C	3.28 cubic feet 5670 cubic inches	15" w 21" d 18" h 381mm w 533mm d 457mm h	37 ³ / ₈ " w† 37 ³ / ₄ " d 60" h 949mm w† 959mm d 1524mm h	720 lbs. 324 Kg	777 lbs. 349.6 Kg	FK-3 8 1" x 1" x 2" shelf supports 8 1" x 1" x 6" shelf supports 8 1" x 1" x 8" shelf supports 4 13 ³ / ₄ " x 10 ¹ / ₈ " x 1/2" shelves 1 4 lb. carton Kiln Shelf Wash 11389A <i>Shipping Weight 35 lbs. 13 oz.</i>
AH-25SF 	Cone 10 2381°F 1305°C	7 cubic feet 12,095 cubic inches	19 ³ / ₄ " w 21" d 30 ¹ / ₈ " h 502mm w 533mm d 765mm h	39" w† 36 ¹ / ₂ " d 60" h 991mm w† 927mm d 1524mm h	640 lbs. 288 Kg	750 lbs. 337.5 Kg	FK-5 8 1" x 1" x 2" shelf supports 8 1" x 1" x 4" shelf supports 8 1" x 1" x 6" shelf supports 8 1" x 1" x 8" shelf supports 8 19" x 9 ¹ / ₂ " x 1/2" shelves 1 4 lb. carton Kiln Shelf Wash 11391C <i>Shipping Weight 88 lbs. 13 oz.</i>
AH-30SF 	Cone 10 2381°F 1305°C	8.33 cubic feet 14,400 cubic inches	20" w 20" d 36" h 508mm w 508mm d 914mm h	45" w 38 ¹ / ₂ " d 66 ¹ / ₂ " h 1143mm w 978mm d 1689mm h	1382 lbs. 621.9 Kg	1495 lbs. 672.7 Kg	FK-5 8 1" x 1" x 2" shelf supports 8 1" x 1" x 4" shelf supports 8 1" x 1" x 6" shelf supports 8 1" x 1" x 8" shelf supports 8 19" x 9 ¹ / ₂ " x 1/2" shelves 1 4 lb. carton Kiln Shelf Wash 11391C <i>Shipping Weight 88 lbs. 13 oz.</i>
HF-97/HF-97SF 	Cone 10 2381°F 1305°C	3.38 cubic feet 5832 cubic inches	18" w 18" d 18" h 457mm w 457mm d 457mm h	42" w† 29 ⁵ / ₈ " d 31 ⁷ / ₈ " h 1067mm w† 754mm d 810mm h	370 lbs. 166.5 Kg	452 lbs. 203.4 Kg	FK-7 4 1" x 1" x 6" shelf supports 8 1" x 1" x 8" shelf supports 2 16" x 8" x 1/2" shelves 1 16" x 16" x 5/8" shelves 1 4 lb. carton Kiln Shelf Wash 11393E <i>Shipping Weight 32 lbs. 7 oz.</i>
HF-101/HF-101SF 	Cone 10 2381°F 1305°C	5.06 cubic feet 8748 cubic inches	18" w 18" d 27" h 457mm w 457mm d 686mm h	42" w† 29 ⁵ / ₈ " d 40 ¹ / ₂ " h 1067mm w† 754mm d 1029mm h	380 lbs. 171 Kg	546 lbs. 245.7 Kg	FK-15 8 1" x 1" x 6" shelf supports 16 1" x 1" x 8" shelf supports 4 16" x 8" x 1/2" shelves 1 16" x 16" x 5/8" shelf 1 4 lb. carton Kiln Shelf Wash 11386T <i>Shipping Weight 25 lbs.</i>
HF-105/HF-105SF 	Cone 10 2381°F/1305°C 240V Single or Three Phase Cone 8 2320°F/1271°C 208V Single or Three Phase	8.33 cubic feet 14,400 cubic inches	30" w 20" d 24" h 762mm w 508mm d 610mm h	55 ¹ / ₄ " w† 33 ¹ / ₂ " d 39 ¹ / ₂ " h 1403mm w† 851mm d 1003mm h	630 lbs. 283.5 Kg	776 lbs. 349.2 Kg	FK-14 8 1" x 1" x 2" shelf supports 8 1" x 1" x 4" shelf supports 8 1" x 1" x 6" shelf supports 8 1" x 1" x 8" shelf supports 4 16" x 8" x 1/2" shelves 3 19" x 9 ¹ / ₂ " x 1/2" shelves 1 4 lb. carton Kiln Shelf Wash 11385S <i>Shipping Weight 55 lbs.</i>

† Width dimension includes Select Fire™.

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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
Master KilnVent 29968J	7.3	6 gauge wire	Single Phase 35.1 @ 208 Volt 30.4 @ 240 Volt Three Phase 22.1 @ 208 Volt 17.6 @ 240 Volt	208V 26057M 220/240V 26059S	208V 26058N 220/240V 26061P	208V 26001A 220/240V 26003C	208V 26002B 220/240V 26004D	AH-10/ AH-10SF
Master KilnVent 29968J	10.8	6 gauge wire	Single Phase 45.0 @ 208 Volt 45.0 @ 240 Volt Three Phase 34.0 @ 208 Volt 39.0 @ 240 Volt	Available with Select Fire™ only	Available with Select Fire™ only	208V 24147A 220/240V 24149B	208V 24148C 220/240V 24150E	AH-25SF
Master KilnVent 29968J	16.0	6 gauge wire	Three Phase Only: 38.6 @ 240 Volt	Available with Select Fire™ only	Available with Select Fire™ only	Available with Select Fire™ in Three Phase Only	240V 26005E	AH-30SF
Master KilnVent 29968J or KilnVent Suspended Version 29976T	6.0	6 gauge wire	Single Phase 28.8 @ 208 Volt 25.0 @ 240 Volt Three Phase 25.5 @ 208 Volt 24.0 @ 240 Volt	208V 26306J 220/240V 26307K	208V 26309M 220/240V 26310N	208V 26018V 220/240V 26020E	208V 26019W 220/240V 26029G	HF-97/ HF-97SF
Master KilnVent 29968J or KilnVent Suspended Version 29976T	9.0	6 gauge wire	Single Phase 43.0 @ 208 Volt 37.5 @ 240 Volt Three Phase 25.0 @ 208 Volt 24.0 @ 240 Volt	208V 26316V 220/240V 26317X	208V 26318A 220/240V 26319B	208V 26030H 220/240V 26044X	208V 26039F 220/240V 26045P	HF-101/ HF-101SF
Master KilnVent 29968J or KilnVent Suspended Version 29976T	11.52	6 gauge wire	Single Phase 48.0 @ 240 Volt Three Phase 30.0 @ 240 Volt	220/240V 26322E	220/240V 26323F	220/240V 26046A	220/240V 26056L	HF-105/ HF-105SF

Shipping weights are approximate.

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Kiln Model <small>Photos are shown to scale for size comparison.</small>	Maximum Recommended Temperature	Firing Chamber Area	Chamber Size	Exterior Dimensions	Kiln Weight	Shipping Weight (approximate)	Furniture Kit
EC-55/EC-55SF 	Cone 03 2019°F 1104°C	3.38 cubic feet 5832 cubic inches	18" w 18" d 18" h 457mm w 457mm d 457mm h	39" w† 27 ³ / ₈ d 32 ¹ / ₂ " h 991mm w† 695mm d 826mm h	325 lbs. 146.25 Kg	404 lbs. 181.8 Kg	FK-7 4 1" x 1" x 6" shelf supports 8 1" x 1" x 8" shelf supports 2 16" x 8" x 1/2" shelves 1 16" x 16" x 5/8" shelves 1 4 lb. carton Kiln Shelf Wash 11393E <i>Shipping Weight 32 lbs. 7 oz.</i>
FA-44SF 	Cone 03 2019°F 1104°C	1.59 cubic feet 2744 cubic inches	14" w 14" d 14" h 356mm w 356mm d 356mm h	39" w† 28 ³ / ₄ d 32 ⁵ / ₈ " h 991mm w† 730mm d 830mm h	355 lbs. 159.75 Kg	452 lbs. 203.4 Kg	FK-8 4 1" x 1" x 2" shelf supports 4 1" x 1" x 4" shelf supports 4 1" x 1" x 6" shelf supports 2 12" x 12" x 1/2" shelves 1 4 lb. carton Kiln Shelf Wash 11394F <i>Shipping Weight 19 lbs. 13 oz.</i>
FA-88SF 	Cone 03 2019°F 1104°C	2.83 cubic feet 4896 cubic inches	16" w 18" d 17" h 406mm w 457mm d 432mm h	43 ¹ / ₄ " w† 34 ¹ / ₈ d 36 ³ / ₄ " h 1099mm w† 867mm d 933mm h	510 lbs. 229.5 Kg	550 lbs. 247.5 Kg	FK-6 4 1" x 1" x 2" shelf supports 4 1" x 1" x 4" shelf supports 4 1" x 1" x 6" shelf supports 2 14" x 14" x 5/8" shelves 1 4 lb. carton Kiln Shelf Wash 11392D <i>Shipping Weight 25 lbs. 5 oz.</i>
62-EFC 	Cone 03 2019°F 1104°C	.124 cubic feet 215 cubic inches	6 ³ / ₈ " w 7 ⁷ / ₈ d 4 ³ / ₄ " h 162mm w 200mm d 121mm h	14 ⁵ / ₈ " w† 16 ³ / ₄ d 17 ¹ / ₂ " h 373mm w† 425mm d 445mm h	37 lbs. 16.65 Kg	47 lbs. 21.15 Kg	Kiln Shelf 6" x 6" x 1/2" 11346A <i>Shipping Weight 1 lbs. 4 oz.</i>
67-EFC 	Cone 03 2019°F 1104°C	.390 cubic feet 675 cubic inches	10" w 13 ¹ / ₂ d 5" h 254mm w 343mm d 127mm h	18 ³ / ₄ " w† 22 ¹ / ₂ d 18 ⁵ / ₈ " h 476mm w† 572mm d 474mm h	67 lbs. 30.1 Kg	80 lbs. 36 Kg	Kiln Shelf 9" x 9" x 1/2" 11348C <i>Shipping Weight 2 lbs. 13 oz.</i>

† Width dimension includes Select Fire™.



"Meditation" was sculpted using AMACO® 77-M Terra Cotta Stoneware clay by George Debikey, former AMACO® Director of Technical Services and currently a consultant to AMACO®.

The special glaze effects on this covered jar were achieved through a complex firing program created by Michael Sprague, Indianapolis, Indiana, using the Select Fire™ computer controller on an Excel® EX-399 kiln.



This warm glass vessel was created by AMACO® Ceramic Engineer Steve Lampron and Lab Technicians Jess Hall and Michael Sprague. A circle was cut from a slab of AMACO® 38-M clay. This slab was then placed atop kiln bricks. A fused clear glass tile decorated with AMACO® 3" square colored tiles was then "slump" fired in an AMACO/Excel GSF-670 Warm Glass Kiln which allowed the glass to drop through the opening. Equipment used for the clay ring: a Brent® SRC slab roller and Excel® 365SF kiln with Select Fire™ Controller.



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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
Master KilnVent 29968J or KilnVent Suspended Version 29976T	6.5	6 gauge wire	Single Phase 28.7 @ 208 Volt 27.1 @ 240 Volt Three Phase 16.5 @ 208 Volt 16.5 @ 240 Volt	208V 26104L 220/240V 26105M	208V 26106N 220/240V 26107R	208V 26006F 220/240V 26008H	208V 26007G 220/240V 26009J	EC-55/ EC-55SF
Master KilnVent 29968J	4.9	10 gauge wire	Single Phase 21.0 @ 208 Volt 20.4 @ 240 Volt Three Phase 20.5 @ 208 Volt 19.5 @ 240 Volt	Available with Select Fire™ only	Available with Select Fire™ only	208V 26010K 220/240V 26012M	208V 26011L 220/240V 26013N	FA-44SF
Master KilnVent 29968J	6.0	6 gauge wire	Single Phase 28.8 @ 208 Volt 25.0 @ 240 Volt Three Phase 25.5 @ 208 Volt 24.5 @ 240 Volt	Available with Select Fire™ only	Available with Select Fire™ only	208V 26014P 220/240V 26016S	208V 26015R 220/240V 26017T	FA-88SF
N/A	1.2	Cord and Plug Supplied	Single Phase Only: 10.0 @ 120 Volt	Kiln Only 110V 27301C*	Kiln with Pyrometer 110V 26053H**	Not Available with Select Fire™	Not Available with Select Fire™	62-EFC
N/A	1.8	Cord and Plug Supplied	Single Phase Only: 15.0 @ 120 Volt	Kiln Only 110V 27321Y*	Kiln with Pyrometer 110V 26087W**	Not Available with Select Fire™	Not Available with Select Fire™	67-EFC

*For kiln only, without pyrometer. **For kiln with pyrometer only; sitter/timer not available.



Chad Chriscinske, Indianapolis, Indiana, created the bowl with AMACO® LG-1 and V-325, 386, 389 and used AMACO® LF-3, LG-56, and L-518 on the red vase.



"Untitled" by Noelle Hoover, Indianapolis, Indiana, was decorated using AMACO® LT-147.