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## **DFC MODEL 810B ELECTRIC ASSAY FURNACE**

The DFC Model 810 Electric Assay Furnace is designed for assaying of ores and has a capacity of 28 twenty gram crucibles, or 25 thirty gram crucibles. Thousands of these furnaces are in use throughout the world in assay labs today. They feature high density alumina vibrocast refractory lining, silicon carbide hearth plate, automatic or manual 7 day timer control, several input voltages are available in single phase or three phase, a butterfly type damper in the blower for infinite air flow control, integral exhaust blower vents both the interior and the door vent hood, tile replacement is easily accomplished through rear access opening, ventilated rear access panel to element connections, swing away type door also adjusts in height for partial opening, hard refractory support for element connecting clamps, elements easily replaced from front, solid state temperature controller type K, heavy cross section nichrome hairpin heating elements and strong ductile nickel iron lined element connecting clamps.



Optional equipment may include semi-muffle to replace hearth tile, idle (overnight) temperature set back controller timer, elevated hearth tile to reduce chamber height and increase lower air space, 50 Hz electrical operation, proportional temperature controller with solid state relay power, electrical or manual drive for guillotine door.

Catalog Number	Working Space Dimensions (W x D x H)	Outside Dimensions (W x D x H)	Capacity (Crucibles)	Operating Temp. ° F	Power Requirements	Shipping Weight
090F-001	16-3/4" x 25-1/4" x 8-1/2"	38" x 39-1/2" x 74-1/8"	28, 20 gm 25, 30 gm	0 - 2,000° F	21 KVA, 60 Hz, 208, 220, 240, 440, 480 V and .6 KVA 115 V/ 1 Ph	2,600 Lbs.
090F-002	Same As Above					