

## CASE STUDY

Product: Gold Series Dust Collector  
Size: GS10  
Application: Stone Carving, Cutting, Sanding  
Customer: Capital Stoneworks – Livonia, MI  
Representative: EXFil



## Gold Series® for Stone Carving Company Rocks!



*Gold Series model GS10 relieves the particle load once captured solely by the older, undersized Farr Tenkay collector.*

### Challenge

Master carver John Goodrow Sr., carvers Gene Buchinger and Troy Spencer replicate and originate carvings to match classical architectural styles throughout the mid-west. They have over 100 years combined experience in the stone industry. The limestone, sandstone, bluestone, flagstone and

other stones create an enormous amount of dust in the four booths where slot hoods remove it to a Farr Tenkay collector. Unfortunately the old collector purchased on eBay doesn't have the capacity required for the four booths.

## Solution

Camfil Farr APC rep Fred Marshall at EXFil had already provided some new duct and slot hoods to increase the effectiveness of the Farr Tenkey collector. It was obvious to everyone that the 16 cartridge Tenkey did not have the capacity to remove the dust from all four booths. It was never intended to handle four booths, but with business on the rise, Capital Stoneworks did what most small businesses do and add the overload to the existing equipment. Capital Stoneworks acknowledged that the additional profit earned from the increase in business should be used for a new collector, which would help keep the facility cleaner and improve the work environment for its employees.

The GS10 was purchased in May, installed in July, 2010 and is running 8–12 hours a day. The new collector provides 10,000 cfm @ 11.0" SP. The initial pressure drop is an amazing low 0.7" SP. The older Tenkey was switched to HemiPleat® cartridges and its performance has improved dramatically with a much lower initial pressure drop and better ability to clean the new improved cartridges from Camfil Farr APC. Capital Stoneworks and their employees are impressed with the new Gold Series® dust collector. They appreciate that the Gold Series® is maintenance friendly with a control panel that is the easiest to work with. The GS10 with HemiPleat® cartridges is keeping up with production while delivering the design CFM. They are getting optimum suction with heavy loading. ➤

“They appreciate that the Gold Series® collector is **maintenance friendly** with a control panel that is the easiest to work with.”

— Fred Marshall • EXFil  
Branch Manager



*A slab of limestone awaits the master carver.*



*The new GS10 delivers the same amount of air as the larger, older Tenkey with less filters and lower pressure drop.*

For further information regarding this application, contact APC rep Fred Marshall of EXFil at (734) 261-1860.