

**Key West Fire Department
SCBA Cost Comparison, 2013**

	Air-Pack	Cylinder W/ Valve	Cylinder WO /Valve	Facepiece
MES	\$ 4,343.17	\$ 736.94	na	\$ 207.50
Fisher	\$ 4,098.66	\$ 738.31	na	\$ 195.11
Pro-Am	\$ 4,338.00	\$ 746.81	na	\$ 210.00

Fisher	5 Air-Packs	20 Cylinder		25 Facepieces
	\$ 20,493.30	\$ 14,766.20	na	\$ 4,877.75
Total				\$ 40,137.25

2013 showed 9 AirPacks fail annual required flow test, all failed units over ten years old. Current inventory at (47) standard 30 minute air-packs and (8) 45 min. packs.

2013 showed **19** Carbon Fiber Cylinders go out of service date by NIOSH regulations Title 42, Code of Federal Regulations (CFR) Part 84 (42 CFR Part 84)

Carbon Fiber Cylinders have a total service life of 15 years, with hydrostatic tests after 5 and 10 year aging

Cylinders without valves are less expensive, however damage to existing valves is a cause for concern leading us to acquire new valves at less than \$150/each