

**Key West Fire Department
SCBA Cost Comparison, 2012**

	Air-Pack	Cylinder W/ Valve	Cylinder WO /Valve	Facepiece
MES	\$ 4,145.29	\$ 811.50	\$ 657.00	\$ 200.61
Fisher	\$ 3,815.00	\$ 781.44	\$ 632.66	\$ 189.46
Pro-Am	\$ 4,339.30	\$ 772.85	na	\$ 210.00

<u>Fisher</u>	<u>5 Air-Packs</u>	<u>20 Cylinder</u>		<u>25 Facepieces</u>
	\$ 19,075.00	\$ 15,628.80	na	\$ 4,736.50
Total				\$ 39,440.30

2012 showed 14 AirPacks fail annual required flow test, all failed units over ten years old. Current inventory at (49) standard 30 minute air-packs and (8) 45 min. packs.

2012 showed **22** 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 with Date of Manufacturing of 11/1/1997 must be taken out of service after 15 years, 11/1/2012

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