

**FAC 7232 UNACCOMPANIED PERSONNEL HOUSING GARAGE**

FY22 SUC: \$1.53 / SF  
Source: Calculated using R.S. Means CostWorks 2021 Qtr 3  
component prices

FAC 7232 UNACCOMPANIED PERSONNEL HOUSING GARAGE

Release 2021 Qtr 3

Zip Code Prefix 222

Type MR

UM SF

Design Life 35

Average Size 3500.0

SUC \$1.53

Adjusted Occurences are the occurrences remaining after subtracting Repair/Replacement Overlaps. Overlap reduction removes a repair when it occurs the same year as a replacement.

Description	Frequency	Qty Unit	Total In-House	Total Incl OP	Design Life/Frequency	Occurrences in Design Life	Adjusted Occurrences	Life Cost	Adjusted Cost	
Replace aluminum siding, 1st floor	35	14.00 C.S.F.	\$8,180.84	\$9,851.42	1.0000	1	1	\$9,851.42	\$9,851.42	
Repair 2'-0" x 3'-0" aluminum window - 1st floor	20	10.00 Ea.	\$1,447.37	\$1,726.09	1.7500	1	1	\$1,726.09	\$1,726.09	
Replace 2'-0" x 3'-0" aluminum window - 1st floor	50	20.00 Ea.	\$9,762.63	\$11,570.48	0.7000	0	0	\$0.00	\$0.00	
Repair solid core, painted, door	12	20.00 Ea.	\$7,528.86	\$9,009.12	2.9167	2	2	\$18,018.24	\$18,018.24	
Repair 9' x 7' wood, single leaf, garage door	8	20.00 Ea.	\$7,234.52	\$8,518.30	4.3750	4	4	\$34,073.21	\$34,073.21	
Minor asphalt shingle repair, 2% of roof area	1	70.00 S.F.	\$353.00	\$422.91	35.0000	35	35	\$14,801.91	\$14,801.91	
Total asphalt shingle roof replacement	40	35.00 Sq.	\$13,649.03	\$16,218.90	0.8750	0	0	\$0.00	\$0.00	
Replace aluminum downspout, 3" x 4", .024" thick	25	84.00 L.F.	\$665.09	\$805.20	1.4000	1	1	\$805.20	\$805.20	
Replace galvanized steel gutter, 5" box type, 28 ga.	40	230.00 L.F.	\$2,111.04	\$2,557.44	0.8750	0	0	\$0.00	\$0.00	
Refinish concrete floor finished	25	13.00 C.S.F.	\$5,483.75	\$6,586.84	1.4000	1	1	\$6,586.84	\$6,586.84	
Replace fuse	25	20.00 Ea.	\$8,263.29	\$9,493.96	1.4000	1	1	\$9,493.96	\$9,493.96	
Maintenance and inspection lighting panel, indoor	3	4.00 Ea.	\$162.58	\$203.69	11.6667	11	11	\$2,240.54	\$2,240.54	
Replace safety switch, heavy duty 30 A	25	4.00 Ea.	\$2,305.39	\$2,761.76	1.4000	1	1	\$2,761.76	\$2,761.76	
Maintenance and repair incandescent lighting fixtures	10	20.00 Ea.	\$1,377.31	\$1,639.70	3.5000	3	2	\$4,919.10	\$3,279.40	
Replace incandescent lighting fixture lamp	5	20.00 Ea.	\$229.64	\$277.35	7.0000	7	7	\$1,941.48	\$1,941.48	
Replace incandescent lighting fixture	20	20.00 Ea.	\$2,809.19	\$3,395.32	1.7500	1	1	\$3,395.32	\$3,395.32	
Replace fluorescent light fixture ballast, 80 W	10	20.00 Ea.	\$2,493.37	\$3,024.74	3.5000	3	3	\$9,074.23	\$9,074.23	
Replace lamps (2 lamps), 4', 34 W energy saver	10	20.00 Ea.	\$504.28	\$631.58	3.5000	3	3	\$1,894.74	\$1,894.74	
			\$74,561.17	\$88,694.82				MR Subtotal	\$119,944.34	
									MR Per Year	\$3,426.98
									PM Total	\$1,915.67
									Subtotal	\$5,342.65
									Total Per Unit	\$1.53

FAC 7232 UNACCOMPANIED PERSONNEL HOUSING GARAGESUC \$1.53

Release 2021 Qtr 3UM SF

Zip Code Prefix 222Design Life 35

Type PMAverage Size 3500.0

Description	Qty	Labor Hours	Bare Mat	Bare Labor	Bare Equip	Bare Total	Total In-House	Total Incl OP
Panelboard, 225 A and above, annualized	4.00	1.76	\$92.79	\$116.03	\$0.00	\$208.82	\$252.91	\$301.64
Door, overhead, manual, up to 24' high x 25' wide, annually	20.00	22.14	\$118.78	\$915.97	\$0.00	\$1,034.75	\$1,321.42	\$1,614.03
						\$1,243.58	\$1,574.33	\$1,915.67



# **FAC 7232 UNACCOMPANIED PERSONNEL HOUSING GARAGE**

## **Modeled Component List CostWorks Release 2021 Qtr 3**

### **B20 Exterior Enclosure**

Aluminum Siding, 1st floor	14.0 C.S.F.
Aluminum Window, Fixed, 1st floor	20.0 Ea.

### **C30 Interior Finishes**

Concrete, Finished	13.0 C.S.F.
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### **D50 Electrical**

Load Center, 100 A, maintenance & inspection	4.0 Ea.
Safety Switch, Heavy Duty	4.0 Ea.
Incandescent Lighting Fixtures	20.0 Ea.

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Sustainment by Year  
CostWorks Release 2021 Qtr 3

