

**2020 Puget Sound Fire Authority - Benefit Charge Formula:**

**Square root of total square footage X 18 X Category Factor X Response Factor X Risk Factor X Fire Flow Factor X Applicable Discount = Benefit Charge**

Square Footage Categories	400 - 1,799	1,800 - 2,699	2,700 - 3,599	3,600 - 3,999	4,000 - 4,999	5,000 - 7,999	8,000 - 9,999	10,000 - 14,999	15,000 - 19,999	20,000 - 29,999	30,000 - 49,999	50,000 - 99,999	100,000 - 139,999	140,000 - 199,999	200,000 - 299,999	300,000 - 399,999	400,000 - 499,000	500,000 - 599,999	600,000 - 699,000	700,000 - 999,999	1,000,000 - and >	
	<b>Category Factors:</b>																					
Residential & Hybrid Apt Style Condo's	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70													
Mobile Homes in MH Parks	0.20	0.20	0.20	0.20	0.20	0.20																
Camp Ground Spaces	\$60.00																					
Apartments	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	4.25	4.25	4.25	6.70	6.70	8.60	11.25	14.50	14.50	14.50	14.50	14.50	14.50	14.50
Commercial	1.00	1.00	1.00	1.00	1.30	1.30	1.30	1.40	1.40	1.40	1.45	1.45	2.07	2.07	3.05	3.35	3.50	3.75	4.00	4.15	5.15	
<b>Fire Flow Factor:</b>	<b>0.34504*</b>																					
<b>Response Factor:**</b>																						
Residential	1.06	Variable to firefighters needed to deliver required fire flow																				
Manufactured Homes	1.00	1.00	1.00	1.00	1.00	1.00	1.00															
Apartments - Multi-Family Homes	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
Hybrid Apt Style Condo's	1.30	1.30	1.30																			
Commercial	1.25	1.25	1.25	1.25	1.25	1.25	1.75	1.75	1.75	2.65	4.20	4.20	4.20	4.20	4.30	4.30	4.40	4.50	4.50	4.50	4.50	4.50
<b>Risk Factor:***</b>																						
Light Hazard/Regional	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ordinary Hazard/Regional - 1	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15
Ordinary Hazard/Regional - 2	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
Extra Hazard/Regional - 1	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
Extra Hazard/Regional -2	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40
<b>Discounts:</b>																						
Automatic Fire Sprinklers	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900
Automatic Central Alarm	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925
Agricultural	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250

\*Fire flow factor is estimated until final tax and property data is certified by the King County Assessor  
 \*\*Response factor: Based on number of firefighters needed to deliver required fireflow. Base residential response force is 16 firefighters on scene. When a residential property needs more than 16 firefighters to deliver the calculated fire flow, that number is auto calculated using the adopted formula and 50 gpm fire flow delivery per firefighter on scene up to 3,599 sq. ft. and 48 gpm for homes greater than 3,599 sq. ft.  
 \*\*\* Risk factors apply to commercial property and are defined by the National Fire Protection Association and deal with fire hazards and hazardous materials.