

NWCG Engine Typing Standard

Requirements	Engine Type						
	Structure		Wildland				
	1	2	3	4	5	6	7
Tank minimum capacity (gal)	300	300	500	750	400	150	50
Pump minimum flow (gpm)	1,000	500	150	50	50	50	10
At rated pressure (psi)	150	150	250	100	100	100	100
Hose 2½"	1,200	1,000	–	–	–	–	–
Hose 1½"	500	500	1,000	300	300	300	–
Hose 1"	–	–	500	300	300	300	200
Ladders per NFPA 1901	Yes	Yes	–	–	–	–	–
Master stream 500 (gpm)	Yes	–	–	–	–	–	–
Pump and roll	–	–	Yes	Yes	Yes	Yes	Yes
Maximum GVWR (lbs.)	–	–	–	–	26,000	19,500	14,000
Personnel (min)	4	3	3	2	2	2	2

NWCG Water Tender Typing Standards

Requirements	Water Tender Type				
	Support			Tactical	
	S1	S2	S3	T1	T2
Tank capacity (gal)	4,000	2,500	1,000	2,000	1,000
Pump minimum flow (gpm)	300	200	200	250	250
At rated pressure (psi)	50	50	50	150	150
Maximum refill time (minutes)	30	20	15	–	–
Pump and roll	–	–	–	Yes	Yes
Personnel (minimum)	1	1	1	2	2

Source: *NWCG Standards for Wildfire Resource Typing*, PMS 200