



**HIGH PERFORMANCE 18MM X 70 MM “A” TO “D” SIZE
COMPOSITE PROPELLANT MODEL ROCKET MOTORS**

- Same family of solid propellant as NASA’s space shuttle boosters, military missiles, sounding rockets and NASA’s future SLS moon rocket
- Black Max Q-Jets deliver faster lift-offs, denser dark tracking smoke & more reliable lift-off performance.
- White Lightning Q-Jets produce a brilliant white exhaust plume, bright white smoke and a throaty roar at lift-off.
- Q-Jet Complete Launch Packs include rocket motors, initiators (igniters) and parachute recover wadding.
- All Q-Jet Composite Propellant Model Rocket Motors are competitively priced with traditional black powder model rocket motors.

18mm x 70mm Black Max	Product No.	Total Impulse (N-sec/ lb-sec)	Peak Thrust (N/ lb)	Propellant Weight (g/ oz)	Total Weight (g/ oz)	Max Lift-Off Weight (g/oz)	Equivalent Black Powder Rocket Motor Type
A3-4FJ	6108	2.5/6	7.0/1.6	2.1/0.7	17.9/6	56/2	A6-4, a8-3
A3-6FJ	6109	2.5/6	7.0/1.6	2.1/0.7	17.9/6	28/1	A8-5
B4-4FJ	6112	4.9/1.1	7.0/1.6	3.6/1.3	19.8/7	85/3	B4-4, b6-4
B4-6FJ	6113	4.9/1.1	7.0/1.6	3.6/1.3	19.8/7	28/1.5	B6-6
C12-4FJ	6116	9.8/2.2	17.5/3.9	7.7/2.0	23.7/7.4	113/4	C6-3
C12-6FJ	6117	9.8/2.2	17.5/3.9	7.7/2.0	23.7/7.4	113/3.3	C6-5
C12-8FJ	6118	9.8/2.2	17.5/3.9	7.7/2.0	23.7/7.4	71/2.5	C6-7
D16-4FJ	6120	12.4/2.8	22.3/5.0	9.9/3.1	25.7/8.5	340/12	D12-3
D16-6FJ	6121	12.4/2.8	22.3/5.0	9.9/3.1	25.7/8.5	227/8	D12-5
D16-8FJ	6122	12.4/2.8	22.3/5.0	9.9/3.1	25.7/8.5	170/6	D12-7



18mm x 70mm White Lightning	Product No.	Total Impulse (N-sec/ lb-sec)	Peak Thrust (N/ lb)	Propellant Weight (g/ oz)	Total Weight (g/ oz)	Max Lift-Off Weight (g/oz)	Equivalent Black Powder Rocket Motor Type
B6-4W	6123	4.9/1.1	8.9/2.0	2.8/1.0	19.0/6.7	85/3	B4-4, B6-4
B6-6W	6124	4.9/1.1	8.9/2.0	2.8/1.0	19.0/6.7	28/1.5	B6-6
C18-4W	6125	9.8/2.2	23.6/5.3	5.6/2.0	20.9/7.4	113/4	C6-3
C18-6W	6126	9.8/2.2	23.6/5.3	5.6/2.0	20.9/7.4	113/3.3	C6-5
C18-8W	6127	9.8/2.2	23.6/5.3	5.6/2.0	20.9/7.4	71/2.5	C6-7
D20-4W	6130	13.8/3.1	24.3/5.5	8.7/3.1	24.1/8.5	340/12	D12-3
D20-6W	6131	13.8/3.1	24.3/5.5	8.7/3.1	24.1/8.5	227/8	D12-5
D20-8W	6132	13.8/3.1	24.3/5.5	8.7/3.1	24.1/8.5	170/6	D12-7

**NEW 24 MMX 70 MM Q-JET “D” & “E” SIZE
WHITE LIGHTNING COMPOSITE PROPELLANT MODEL ROCKET MOTORS**

- Smaller, lighter and more powerful composite propellant model rocket motors.
- Features aerospace grade white lightning, AeroTech’s most popular propellant formulation.
- Nearly a full “D” with 19.3 N-sec total impulse & A 0.9 sec burn time
- High thrust “E” with 27.9 N-sec total impulse & A 1.2 sec burn time.
- Designed with a built-in thrust ring to fit into a 24mmx70mm motor mount
- Attractive clamshell packaging which is USPS mailable.



24mm x 70mm White Lightning	Product No.	Total Impulse (N-sec/ lb-sec)	Peak Thrust (N/ lb)	Propellant Weight (g/ oz)	Total Weight (g/ oz)	Max Lift-Off Weight (g/oz)	Equivalent Black Powder Rocket Motor Type
D22-4W	6133	19.3/4.3	27.6/6.2	12.0/4.2	37.5/1.3	397/14	D12-4
D22-7W	6134	19.3/4.3	27.6/6.2	12.0/4.2	37.5/1.3	340/12	D12-5
D22-10W	6136	19.3/4.3	27.6/6.2	12.0/4.2	37.5/1.3	284/10	D12-7
E26-4W	6140	27.9/6.3	27.9/6.3	18.3/6.5	44.0/1.6	454/16	E12-4, E16-4
E26-7W	6142	27.9/6.3	27.9/6.3	18.3/6.5	44.0/1.6	397/14	E12-6, E16-6
E26-10W	6144	27.9/6.3	27.9/6.3	18.3/6.5	44.0/1.6	340/12	E12-8, E16-8