

Our Take - Falcon-R



Falcon -R Air Rifle with Profile Walnut Stock

.177 Caliber Pellets

Pellet Name	Pellet Weight (grains)		Ratings at the Muzzle		Ratings at 10 Yards		Ratings at 25 Yards		Ratings at 50 Yards		Ballistic Coefficient
Name	Advertised	Tested	Velocity (fps)	Energy (ft lbs)	Velocity (fps)	Energy (ft lbs)	Velocity (fps)	Energy (ft lbs)	Velocity (fps)	Energy (ft lbs)	Average Energy
Napier Hunter	7.72	7.80	1011	18	900	14	784	11	639	7	.015
Premier Lites	7.90	8.00	989	17	891	14	783	11	646	7	.016
Crosman Accupell	7.90	7.90	1010	18	910	15	803	11	669	8	.017
JSB Express	7.90	7.80	1024	18	925	15	819	12	688	8	.018
Bearcub	8.09	7.90	986	17	842	12	696	8	515	5	.010
SuperDome	8.30	8.20	969	17	804	12	724	10	563	6	.012
FTS	8.40	8.60	995	19	889	15	776	11	633	8	.015
JSB Exact	8.44	8.40	1031	20	913	16	793	12	646	8	.015
JSB Exact Heavy	10.33	10.30	943	20	883	18	810	15	710	12	.024
Premier Heavy	10.50	10.50	918	20	866	18	801	15	710	12	.026
Kodiak Match	10.60	10.30	921	19	835	16	734	12	600	8	.015
Kodiak	10.60	10.50	920	20	834	16	734	13	600	8	.015

Break down of number of shots using a 3,000 psi fill and JSB Exact .177 pellets.

Number of shots	Average Velocity	Average FPE
0-10	1015	19.2
11-20	1035	20.0

21-30	1036	20.0
31-40	1014	19.2

.22 Caliber Pellets

Pellet Name	Pellet Weight (grains)		Ratings at the Muzzle		Ratings at 10 Yards		Ratings at 25 Yards		Ratings at 50 Yards		Ballistic Coefficient
Name	Advertised	Tested	Velocity (fps)	Energy (ft lbs)	Velocity (fps)	Energy (ft lbs)	Velocity (fps)	Energy (ft lbs)	Velocity (fps)	Energy (ft lbs)	Average Energy
Laser	12.35	12.30	969	26	819	18	665	12	475	6	.009
JSB Express	14.30	14.50	954	29	860	23	754	18	616	12	.015
Crosman Premier	14.30	14.30	951	29	875	24	786	20	668	14	.019
Crosman Accupell	14.30	14.30	951	29	872	24	779	19	657	14	.018
Bearcub	14.44	15.60	925	30	838	24	737	19	602	13	.015
SuperDome	14.50	14.50	942	29	823	22	693	15	527	9	.011
Beeman FTS	14.60	14.50	959	30	858	24	745	18	600	12	.014
Napier ProHunter	15.40	15.20	948	30	861	25	760	20	628	13	.016
JSB Exact	15.74	15.80	933	30	877	27	807	23	712	18	.025
Kodiak	21.10	21.10	868	35	820	32	758	27	670	22	.025
Eun Jin	30.00	28.40	704	31	669	28	621	24	548	19	.024

Break down of number of shots using a 3,000 psi fill and JSB Exact .22 pellets.

Number of shots	Average Velocity	Average FPE
0-10	949	31.6
11-20	940	31.0
21-30	898	28.3

.25 Caliber Pellets

Pellet Name	Pellet Weight (grains)		Ratings at the Muzzle		Ratings at 10 Yards		Ratings at 25 Yards		Ratings at 50 Yards		Ballistic Coefficient
Name	Advertised	Tested	Velocity (fps)	Energy (ft lbs)	Velocity (fps)	Energy (ft lbs)	Velocity (fps)	Energy (ft lbs)	Velocity (fps)	Energy (ft lbs)	Average Energy
Laser	17.70	17.20	907	31	778	23	634	15	453	8	.009
Beeman FTS	19.00	19.70	888	35	804	28	703	22	567	14	.014
Silver Ace	21.60	23.40	834	36	755	30	655	22	520	14	.013
H&N Match	21.60	21.00	868	35	776	28	665	21	518	13	.012
Ram Jet	24.18	24.10	828	37	728	28	608	20	448	11	.010
Silver Arrow	24.30	24.30	829	37	744	30	639	22	497	13	.012
Silver Sting	25.12	24.60	828	37	750	31	651	23	517	15	.013
Crow Magnum	26.20	25.90	819	40	747	33	656	25	529	17	.014
Silver Bear	26.42	26.40	811	39	740	32	650	25	524	16	.014
Ram Point	27.10	27.50	793	38	708	31	600	22	455	13	.011
Kodiak	30.70	30.80	774	41	736	37	684	32	607	25	.025
Kodiak Match	30.90	30.80	772	41	734	37	682	32	605	25	.025

Break down of number of shots using a 3,000 psi fill and Beeman FTS.25 pellets.

Number of shots	Average Velocity	Average FPE
0-10	867	33.0
11-20	889	35.0
21-30	854	32.0
31-40	786	27.0