

RADON FAN COMPARISON

NOTE:

The radon mitigation fans we sell are intended as replacements for radon fans previously installed by professionals as part of a complete radon mitigation system.

Mitigating a carcinogen is not a hobby. National Trade Supply does not provide technical guidance for the installation of radon fans or systems. Choice of fan model is dependent on building characteristics and should be made by a radon professional.

RADON FAN COMPARISON TABLE:

Model	Watts	Max Pressure	Duct Dia	0"	.25"	.5"	.75"	1"	1.25	1.5"	1.75"	2.0"	2.5"	3.0"	3.5"	4.0"
Fantech HP2133	14-20	.84	4"	134	n/a	60	19	0	0	0	0	0	0	0	0	0
Fantech HP2190	60-95	1.93	4"	157	n/a	126	104	81	58	35	15	0	0	0	0	0
Fantech HP190	60-85	2.01	4.5"	157	n/a	123	106	89	67	45	18	1	0	0	0	0
Fantech HP220	85-152	2.46	6"	344	n/a	275	237	193	166	137	102	59	0	0	0	0
RadonAway GP201	40-60	2.0	3"	n/a	n/a	n/a	n/a	82	n/a	58	n/a	5	0	0	0	0
RadonAway GP301	55-30	2.6	3+	n/a	n/a	n/a	n/a	92	n/a	77	n/a	45	10	0	0	0
RadonAway GP401	60-110	3.4	3+	n/a	n/a	n/a	n/a	93	n/a	82	n/a	60	40	15	0	0
RadonAway GP501	70-140	4.2	3"	n/a	n/a	n/a	n/a	95	n/a	87	n/a	80	70	57	30	5
RadonAway RP145	37-71	2.0	4"	173	152	132	115	94	73	55	37	0	0	0	0	0
RadonAway XP151	45-60	1.3	4"	180	162	140	117	78	46	10	0	0	0	0	0	0
RadonAway RP265	86-140	2.5	6"	327	302	260	230	207	176	139	101	57	0	0	0	0
RadonAway XP201	40-66	1.9	4"	150	130	110	93	74	57	38	20	0	0	0	0	0
Suncourt TF104W	40-60	1.5	4"	200	179	155	116	90	68	41	20	5	0	0	0	0

Static Pressure - inches of water column

CFM = Cubic Feet Per Minute

n/a = data not available from manufacturer

Comments:

Fantech HP2190 and RadonAway RP145 . The best selling radon fans on the market today . these 4+fans have the performance characteristics suitable for the vast majority of installations.

Fantech HP190 . a very popular fan with large numbers of installations nationwide. Very similar performance to HP2190 . but requires special couplers to join its collars to standard 4+PVC.

Fantech HP2133 - extremely low power consumption . but diminished suction . used in applications where lower pressure and flow are needed, where there is good sub slab communication a smaller sub-slab footprint.

RadonAway XP151 . sleek, low profile and compact fan. Relatively low power consumption but better suction than HP2133. Used in applications where lower pressure and flow are needed, where there is good sub slab communication and a smaller sub-slab footprint.

RadonAway XP201 . sleek, low profile and compact fan. Relatively low power consumption but better suction than XP151. Used in applications where lower pressure and flow are needed, where there is good sub slab communication and a smaller sub-slab footprint.

RadonAway GP201 . good choice where 3+PVC venting is present. Low power consumption and good performance characteristics.

RadonAway GP301 . good choice where 3+PVC venting is present. More suction power than the GP201 but higher power consumption

RadonAway GP401 / GP501 . uses 3+connections. Extremely high suction for applications where sub-slab material is compact and communication is poor.

Fantech HP220 and RadonAway RP265 . 6+fans with major air moving capacity. Excellent choice for systems with multiple suction points and large sub-slab footprint.

Suncourt TF104W . uses 4+connections and includes couplers. Suncourt TF104W- Suitable for a wide variety of installations. It's UV coating keeps the sun from degrading the plastic housing when used outdoors. It performs well at high pressure.