

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	.5	1	1.5	2.0	2.5	3.0	3.5	4.0
Fantech HP2133	14-20	.84	4"	60	0	0	0	0	0	0	0
Fantech HP2190	60-95	1.93	4"	138	81	35	0	0	0	0	0
Fantech HP190	60-85	2.01	4.5"	123	89	45	0	0	0	0	0
Fantech HP220	85-152	2.46	6"	260	193	58	15	0	0	0	0
Fantech HP190SL	140	2.2	4"	133	103	76	27	0	0	0	0
RadonAway GP201	40-60	2.0	3"	0	82	58	5	0	0	0	0
RadonAway GP301	55-90	2.6	3"	0	92	77	45	10	0	0	0
RadonAway GP501	70-140	4.2	3"	0	95	87	80	70	57	30	5
RadonAway RP145	37-71	2.0	4"	132	94	55	11	0	0	0	0
RadonAWay XP151	45-60	1.3	4"	140	78	10	0	0	0	0	0
RadonAway RP265	86-140	2.5	6"	260	207	139	57	0	0	0	0
RadonAway XP201	45-66	1.9	4"	110	74	38	20	0	0	0	0
Suncourt TF104W	40-60	1.5	4"	145	90	35	0	0	0	0	0
RadonAway RP140	14-20	.8	4"	68	0	0	0	0	0	0	0
RadonAway XR261	65-105	1.8	6"	165	75	30	0	0	0	0	0
RadonAway GP500	70-130	4.3	3"	0	88	80	74	65	54	28	14

Static Pressure – inches of water column
CFM = Cubic Feet Per Minute Airflow

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, Radon Away RP140 - 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, RadonAway RP265, XR261 . 6+fans with major air moving capacity. Excellent choice for systems with multiple suction points and large sub-slab footprint.

Fantech HP190SL . Low profile fan is an attractive alternative to the inline tube fan. Easy install with integral condensate bypass.

RadonAway GP500 - Low profile fan is an attractive alternative to the inline tube fan. Very robust performance against static pressure. Extremely high suction for applications where sub-slab material is compact and communication is poor.

Suncourt TF104W . uses 4+connections and includes couplers. 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.