



General Characteristics of Solar Fan, SunnyRetroFit .

SunnyRetroFit solar fans are a perfect replacement for Roof Wind Turbines that frequently stop working due to corrosion. The SunnyRetroFit does not need to rotate to provide excellent ventilation. Instead, it exhausts heat using solar and wind energy. It also works passively through the Venturi effect, which occurs when the wind blows against the exterior grilles. As a result, this creates an updraft that allows air to flow freely in and out of the vent.

The vertical vents expel air continuously and prevent the entry of rain and snow. The vertical vents also keep bugs and animals out, allowing for optimal airflow. Plus, the round design is aerodynamic to withstand wind speeds up to 200 mph.

The SunnyRetroFit removes hot air in summer and moisture from the attic in winter to provide optimal ventilation. The Retrofit Vent header will fit over an existing base of the same diameter. This allows for quick and easy installation. Update and make your roof ventilation maintenance-free.

Product Applications of Solar Fan, SunnyRetroFit.

It adapts to residential and commercial buildings, as well as roofs with flat or steep slopes. A professional can install a Gravity Ventilator in any climate zone and on all types of roofs.

Refer to the Climate Zone Chart to determine the appropriate collar height for installation in your area. Homeowners and professionals can install these vents on both new roofs and to replace old roof turbines.

Refer to the installation instructions provided by AVP to ensure proper installation and maximize the vent's effectiveness. Roof vents require no maintenance.

Warranty of Solar Fan, SunnyRetroFit.

Manufacturer's Warranty: 1-Year



**Active
Ventilation
Products**



Specific Characteristics of Solar Fan, SunnyRetroFit.

Item #	Manufacturing #	Diameter	Air Removal		Solar Panel W	Voltage V	Fan Wattage W	Total Wattage W	Number of Fans	Color	Weight and Dimensions with Packaging	
			CFM	m ³ /hr							Lbs.	W,H,D In
USRTF-001	ASF-4-RF	4"	91	154.6	3	12	3	3	1	Aluminum	2.45	9,9,9
USRTF-002	ASF-4-RF	4"	91	154.6	3	12	3	3	1	Black	2.45	9,9,9
USRTF-003	ASF-4-RF	4"	91	154.6	3	12	3	3	1	White	2.45	9,9,9
USRTF-004	ASF-4-RF	4"	91	154.6	3	12	3	3	1	Grey	2.45	9,9,9
USRTF-005	ASF-4-RF	4"	91	154.6	3	12	3	3	1	Brown	2.45	9,9,9
USRTF-006	ASF-6-RF	6"	205	348.2	3	12	3.12	3.12	1	Aluminum	2.8	12,9,12
USRTF-007	ASF-6-RF	6"	205	348.2	3	12	3.12	3.12	1	Black	2.8	12,9,12
USRTF-008	ASF-6-RF	6"	205	348.2	3	12	3.12	3.12	1	White	2.8	12,9,12
USRTF-009	ASF-6-RF	6"	205	348.2	3	12	3.12	3.12	1	Grey	2.8	12,9,12
USRTF-010	ASF-6-RF	6"	205	348.2	3	12	3.12	3.12	1	Brown	2.8	12,9,12
USRTF-011	ASF-8-RF	8"	365	620.1	5	12	3.6	3.6	1	Aluminum	3.74	13,9,13
USRTF-012	ASF-8-RF	8"	365	620.1	5	12	3.6	3.6	1	Black	3.74	13,9,13
USRTF-013	ASF-8-RF	8"	365	620.1	5	12	3.6	3.6	1	White	3.74	13,9,13
USRTF-014	ASF-8-RF	8"	365	620.1	5	12	3.6	3.6	1	Grey	3.74	13,9,13
USRTF-015	ASF-8-RF	8"	365	620.1	5	12	3.6	3.6	1	Brown	3.74	13,9,13
USRTF-016	ASF-10-RF	10"	524	890.2	10	12	3.12	12.48	4	Aluminum	6.13	16,10,16
USRTF-017	ASF-10-RF	10"	524	890.2	10	12	3.12	12.48	4	Black	6.13	16,10,16
USRTF-018	ASF-10-RF	10"	524	890.2	10	12	3.12	12.48	4	White	6.13	16,10,16
USRTF-019	ASF-10-RF	10"	524	890.2	10	12	3.12	12.48	4	Grey	6.13	16,10,16
USRTF-020	ASF-10-RF	10"	524	890.2	10	12	3.12	12.48	4	Brown	6.13	16,10,16
USRTF-021	ASF-12-RF	12"	740	1257.2	10	12	3.6	14.4	4	Aluminum	8.5	17,10,17
USRTF-022	ASF-12-RF	12"	740	1257.2	10	12	3.6	14.4	4	Black	8.5	17,10,17
USRTF-023	ASF-12-RF	12"	740	1257.2	10	12	3.6	14.4	4	White	8.5	17,10,17
USRTF-024	ASF-12-RF	12"	740	1257.2	10	12	3.6	14.4	4	Grey	8.5	17,10,17
USRTF-025	ASF-12-RF	12"	740	1257.2	10	12	3.6	14.4	4	Brown	8.5	17,10,17
USRTF-026	ASF-14-RF	14"	1007	1710.9	15	12	3.6	14.4	4	Aluminum	9.5	18,10,18
USRTF-027	ASF-14-RF	14"	1007	1710.9	15	12	3.6	14.4	4	Black	9.5	18,10,18
USRTF-028	ASF-14-RF	14"	1007	1710.9	15	12	3.6	14.4	4	White	9.5	18,10,18
USRTF-029	ASF-14-RF	14"	1007	1710.9	15	12	3.6	14.4	4	Grey	9.5	18,10,18
USRTF-030	ASF-14-RF	14"	1007	1710.9	15	12	3.6	14.4	4	Brown	9.5	18,10,18
USRTF-031	ASF-16-RF	16"	1375	2336.1	20	12	3.6	32.4	9	Aluminum	17	18,13,18
USRTF-032	ASF-16-RF	16"	1375	2336.1	20	12	3.6	32.4	9	Black	17	18,13,18
USRTF-033	ASF-16-RF	16"	1375	2336.1	20	12	3.6	32.4	9	White	17	18,13,18
USRTF-034	ASF-16-RF	16"	1375	2336.1	20	12	3.6	32.4	9	Grey	17	18,13,18
USRTF-035	ASF-16-RF	16"	1375	2336.1	20	12	3.6	32.4	9	Brown	17	18,13,18
USRTF-036	ASF-18-RF	18"	1740	2956.2	30	12	3.4	30.48	9	Aluminum	19	24,13,24
USRTF-037	ASF-18-RF	18"	1740	2956.2	30	12	3.4	30.48	9	Black	19	24,13,24
USRTF-038	ASF-18-RF	18"	1740	2956.2	30	12	3.4	30.48	9	White	19	24,13,24
USRTF-039	ASF-18-RF	18"	1740	2956.2	30	12	3.4	30.48	9	Grey	19	24,13,24
USRTF-040	ASF-18-RF	18"	1740	2956.2	30	12	3.4	30.48	9	Brown	19	24,13,24
USRTF-041	ASF-20-RF	20"	2029	3447.2	40	12	3.4	41.28	12	Aluminum	24	28,14,28
USRTF-042	ASF-20-RF	20"	2029	3447.2	40	12	3.4	41.28	12	Black	24	28,14,28
USRTF-043	ASF-20-RF	20"	2029	3447.2	40	12	3.4	41.28	12	White	24	28,14,28
USRTF-044	ASF-20-RF	20"	2029	3447.2	40	12	3.4	41.28	12	Grey	24	28,14,28
USRTF-045	ASF-20-RF	20"	2029	3447.2	40	12	3.4	41.28	12	Brown	24	28,14,28
USRTF-046	ASF-24-RF	24"	2971	5047.7	60	12	3.65	55.68	16	Aluminum	25	29,15,29
USRTF-047	ASF-24-RF	24"	2971	5047.7	60	12	3.65	55.68	16	Black	25	29,15,29
USRTF-048	ASF-24-RF	24"	2971	5047.7	60	12	3.65	55.68	16	White	25	29,15,29
USRTF-049	ASF-24-RF	24"	2971	5047.7	60	12	3.65	55.68	16	Grey	25	29,15,29
USRTF-050	ASF-24-RF	24"	2971	5047.7	60	12	3.65	55.68	16	Brown	25	29,15,29

Dimensions (In.) of Solar Fan, SunnyRetroFit.

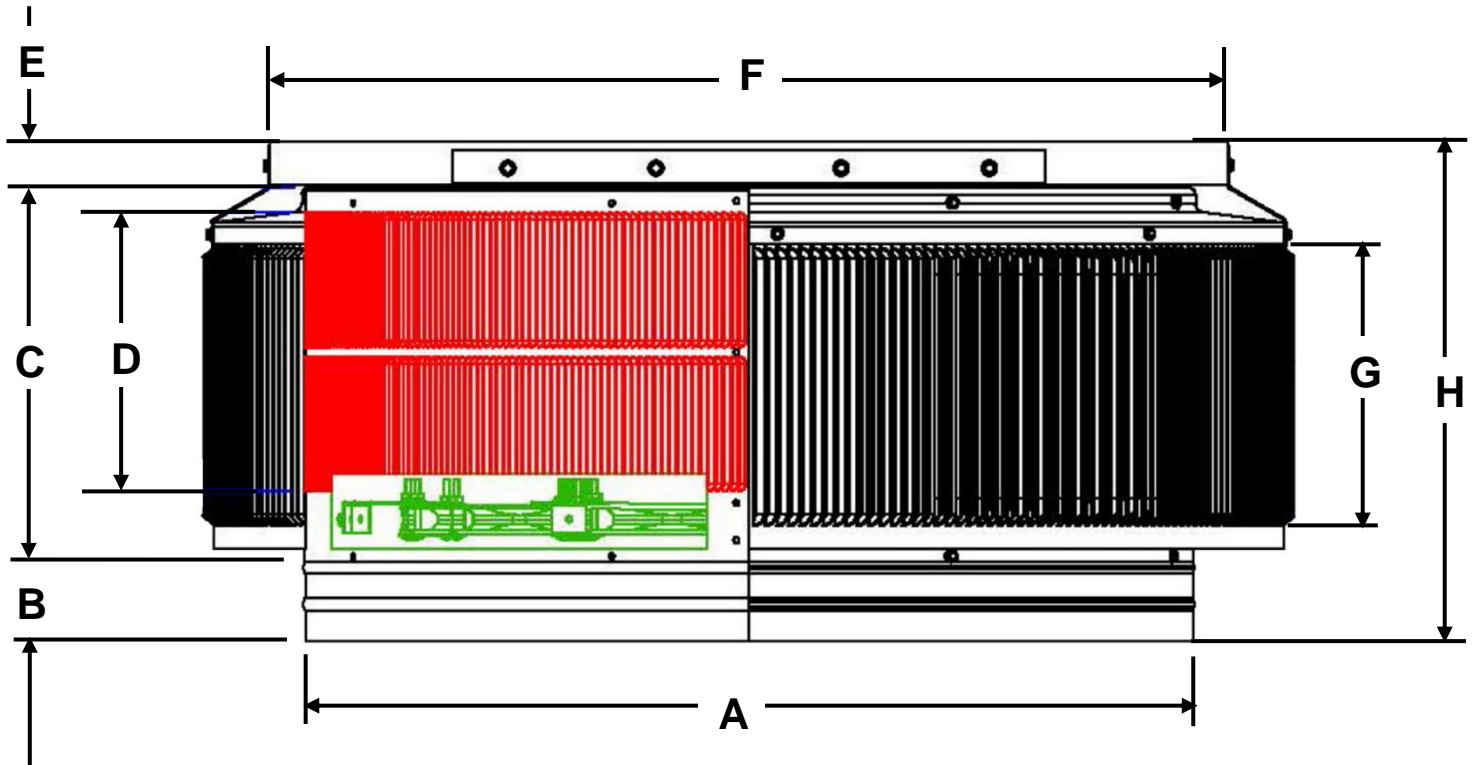
Series	A	B	C	D	E	F	G	H
USRTF-001-005	4"	---	7"	4"	3/4"	7 1/2"	4 1/8"	7 3/4"
USRTF-006-010	6"	---	7"	4"	3/4"	7 1/2"	4 1/8"	7 3/4"
USRTF-011-015	8"	---	7 1/8"	4"	3/4"	8 3/4"	4 1/4"	7 3/4"
USRTF-016-020	10"	---	7 1/8"	4"	1 1/4"	12"	4 1/4"	8 1/4"
USRTF-021-025	12"	---	7 1/8"	4"	1 1/4"	12"	4"	8 1/2"
USRTF-026-030	14"	---	7 1/8"	4"	1 1/4"	14"	4 1/8"	8 1/4"
USRTF-031-035	16"	2 1/8"	8 1/8"	5 3/4"	1 1/4"	14"	5 1/2"	11 1/2"



SunnyRetroFit

Data Sheet

		Dimensions (In.) of Solar Fan, SunnyRetroFit.							
Series		A	B	C	D	E	F	G	H
USRTF-036-040	ASF-18-RF	18"	2 1/8"	8 1/8"	5 3/4"	1 1/4"	21 1/4"	5 1/2"	11 1/2"
USRTF-041-045	ASF-20-RF	20"	2 1/8"	9"	6 7/8"	1 7/16"	26 3/8"	5 1/2"	12 3/4"
USRTF-046-050	ASF-24-RF	24"	2 1/8"	10 1/8"	7 1/2"	1 1/4"	25 7/8"	7 1/2"	13 1/2"





Unpainted

Standard Colors



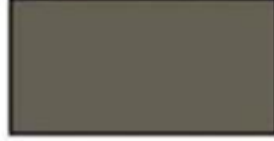
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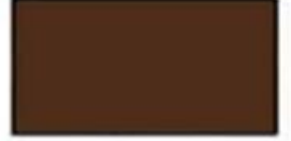
GLOSS BLACK



**RAL 9003
SIGNAL WHIT**



**RAL 7039
Quartz Grey (Weatherwood)**



**RAL 8028
Terra Brown**





SunnyRetroFit

Data Sheet

Gallery Image of Solar Fan, SunnyRetroFit.



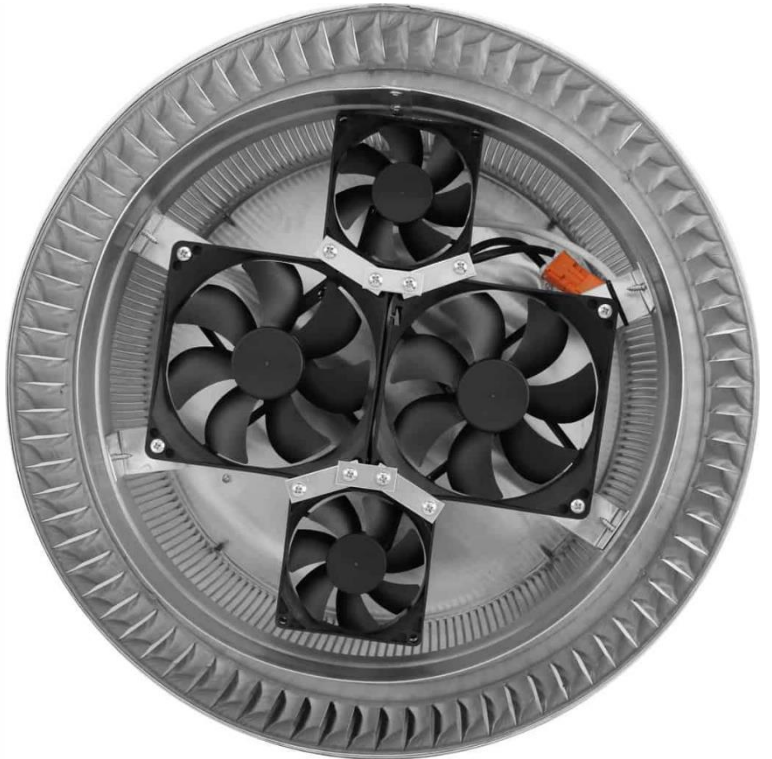
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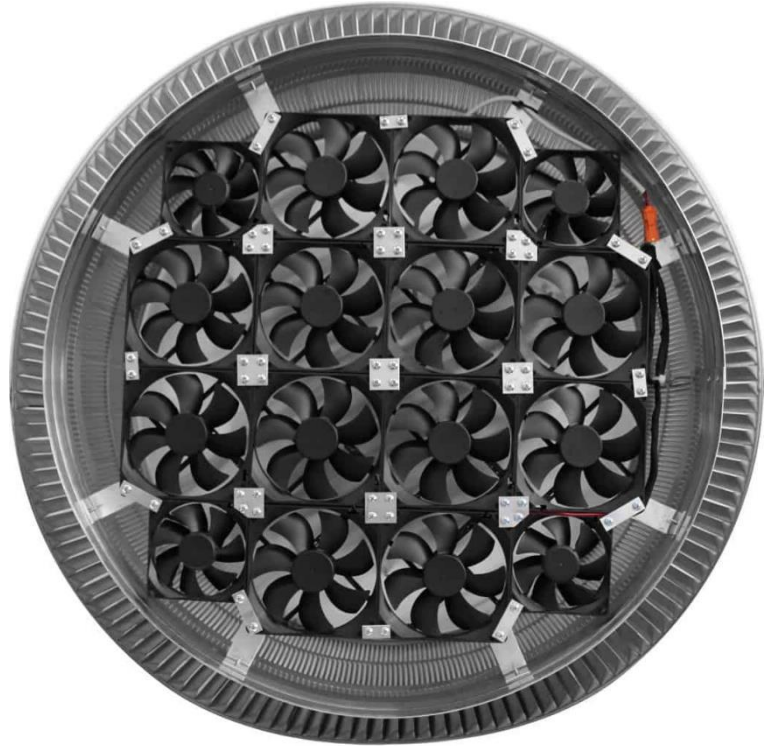
Data Sheet





SunnyRetroFit

Data Sheet



ID	Author	Description Error	Description Update	Supervisor Name
V1	Marcela Roldán	Technical Sheet Nueva	Technical Sheet Nueva	J.L.