



2020 QuietCool - Whole House Fan Modeling Specifications

All values shown will meet HERS protocol RA3.9.4.1.2 WHF Airflow Rate Measurement Using Powered Flow Capture Hood Builders MUST specify this protocol to be used during HERS verification, as other methods will result in HERS failure.

Specifications below are NOT to be used for vertical / kneewall mount applications.

Standard Homes

Recommended Home Size (Sq.Ft.) 2 CFM/sqft.	2019 Code QuietCool WHF Specs - For Specified Fan + HERS Option				
	Product Info	HERS CFM	Watts	watt/CFM	*HERS Venting
1369	STL Pro 4.8X	2737	490	0.1790	4.17
1603	STL Pro 5.5X	3206	529	0.1650	5.00
1958	STL Pro 6.0X	3916	597	0.1525	5.37
1968	STL Pro 6.5X **	3936	571	0.1451	5.82
1701	STL Pro 3.3X + 3.3X	3402	620	0.1822	6.26
2525	STL Pro 6.0X + 2.5X	5050	793	0.1570	5.37 + 2.56
2809	STL Pro 6.0X + 3.3X	5617	907	0.1615	5.37 + 3.13
3327	STL Pro 6.0X + 4.8X	6653	1087	0.1634	5.37 + 4.17
3561	STL Pro 6.0X + 5.5X	7122	1126	0.1581	5.37 + 5.00
3916	STL Pro 6.0X + 6.0X	7832	1194	0.1525	5.37 + 5.37

* Installed venting MUST be the values listed above, installed in the attic space where fan(s) are installed in order to pass HERS. Do NOT compute 1/750 of CFM listed above, as code required NFVA is computed from HVI-916 values.

** NOTE: Alternatives to STL6.5X Fans	Qty Two 3.3x Fans is equal in price. STL 6.0X + 3.3X are equal in compliance, but additional cost.
---------------------------------------	--

Homes with Tall, Large Attics

Recommended Home Size (Sq.Ft.) 2 CFM/sqft.	Note: These combinations require 60 in. of vertical clearance where fan is to be installed.				
	Products	HERS CFM	Watts	watt/CFM	* HERS Venting
2481	STL Pro 7.0X	4962	773	0.1558	6.93
3048	STL Pro 7.0X + 2.5X	6096	969	0.1590	6.93 + 2.56
3332	STL Pro 7.0X + 3.3X	6663	1083	0.1625	6.93 + 3.13
3850	STL Pro 7.0X + 4.8X	7699	1263	0.1640	6.93 + 4.17
4084	STL Pro 7.0X + 5.5X	8168	1302	0.1594	6.93 + 5.00
4439	STL Pro 7.0X + 6.0X	8878	1370	0.1543	6.93 + 5.37
4962	STL Pro 7.0X + 7.0X	9924	1546	0.1558	6.93 + 6.93

* Installed venting MUST be the values listed above, installed in the attic space where fan(s) are installed in order to pass HERS. Do NOT compute 1/750 of CFM listed above, as code required NFVA is computed from HVI-916 values.

Homes with Sealed, High Performance Attics

Roof Mount WHF Options ***		Note: These combinations are for sealed attics with no ventilation.			
Home Size @ 1.5 cfm/sqft	Products	HERS CFM	Watts	watt/CFM	Venting
1469	RM-WHF-4.0-DB	2204	415	0.1883	N/A
2939	RM-WHF-4.0-DB (Quantity 2)	4408	830	0.1883	N/A
4408	RM-WHF-4.0-DB (Quantity 3)	6612	1245	0.1883	N/A

*** Roofing contractor is required for installation in new construction homes requiring RM-WHF product line

For questions regarding Title 24, Part 6 compliance modeling, and HERS verifications, please contact:
 Rick Fayad at Email: Rick@qc-mfg.com or via Phone: 209-614-3935
 Andy Llorca at Email: andy.llorca@qc-mfg.com or via Phone: 209-324-9482