

# Certificate of Product Ratings

AHRI Certified Reference Number : 201810355

Date : 03-22-2018

Model Status : Active

Old AHRI Reference Number :

Brand Name : TS Group

Product Type : Wheel

Model Number : SF-54

Rated as follows in accordance with the latest edition of ANSI/AHRI 1060 (I-P) Performance Rating of Air-to-Air Exchangers for Energy Recovery Ventilation Equipment and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

Nominal Air Flow (scfm) : 3890

Pressure Drop (at nominal airflow, in. H2O) : 0.41

Leakage Ratings	PressureDiff	EATR(%)	OACF	PurgeAngle
Test 1 :	0	1.9	1.0	N/A
Test 2 :	0.5	0.0	1.1	7
Test 3 :	1	0.8	1.1	N/A
	Sensible(%)	Latent(%)	Total(%)	
100% Air Flow Heating :	66	70	67.4	
75 % Air Flow Heating :	69	76	71.4	
100% Air Flow Cooling :	64	60	62.6	
75% Air Flow Cooling :	67	68	67.3	
	Net Sensible(%)	Net Latent(%)	Net Total(%)	
100% Air Flow Heating :	65.3	69.4	66.7	
75 % Air Flow Heating :	68.4	75.5	70.8	
100% Air Flow Cooling :	63.3	59.2	61.9	
75% Air Flow Cooling :	66.4	67.4	66.7	

†"Active" Model Status are those that an AHRI Certification Program Participant is currently producing AND selling or offering for sale; OR new models that are being marketed but are not yet being produced."Production Stopped" Model Status are those that an AHRI Certification Program Participant is no longer producing BUT is still selling or offering for sale.  
Ratings that are accompanied by WAS indicate an involuntary re-rate. The new published rating is shown along with the previous (i.e. WAS) rating.

#### DISCLAIMER

AHRI does not endorse the product(s) listed on this Certificate and makes no representations, warranties or guarantees as to, and assumes no responsibility for, the product(s) listed on this Certificate. AHRI expressly disclaims all liability for damages of any kind arising out of the use or performance of the product(s), or the unauthorized alteration of data listed on this Certificate. Certified ratings are valid only for models and configurations listed in the directory at [www.ahrirectory.org](http://www.ahrirectory.org).

#### TERMS AND CONDITIONS

This Certificate and its contents are proprietary products of AHRI. This Certificate shall only be used for individual, personal and confidential reference purposes. The contents of this Certificate may not, in whole or in part, be reproduced; copied; disseminated; entered into a computer database; or otherwise utilized, in any form or manner or by any means, except for the user's individual, personal and confidential reference.

#### CERTIFICATE VERIFICATION

The information for the model cited on this certificate can be verified at [www.ahrirectory.org](http://www.ahrirectory.org), click on "Verify Certificate" link and enter the AHRI Certified Reference Number and the date on which the certificate was issued, which is listed above, and the Certificate No., which is listed at bottom right.

©2018 Air-Conditioning, Heating, and Refrigeration Institute



we make life better™

**CERTIFICATE NO.:**

131662179897355299