



SOLUTIONS



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Focused On The Engineered Environment

July 2013

Welcome to SOLUTIONS, a monthly newsletter provided by Jacco & Associates. Jacco's focus on system knowledge provides you with the engineering support and product solutions for your applications.

July Feature:

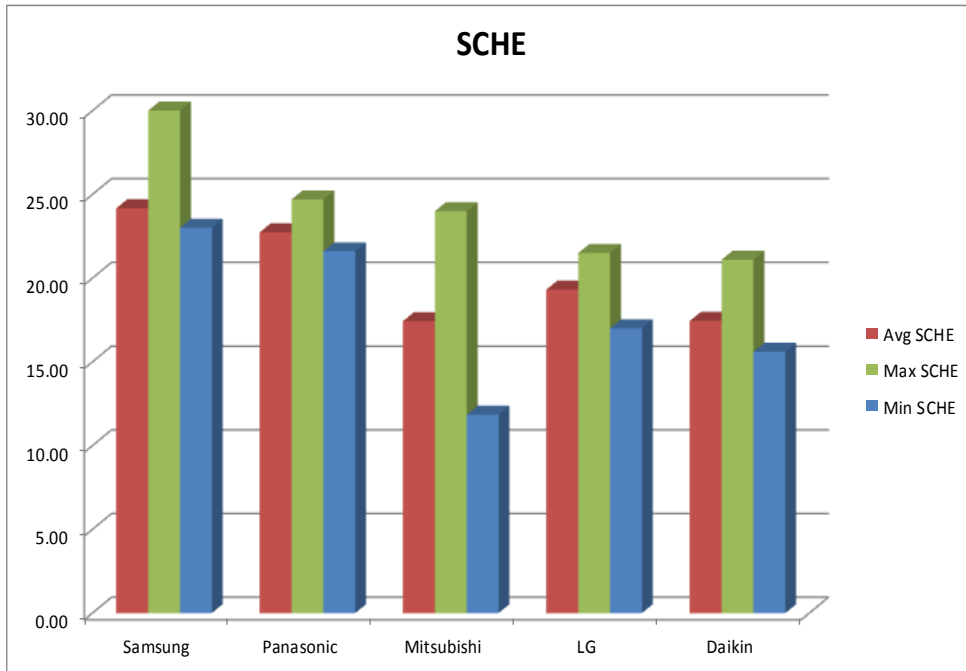
SAMSUNG

The Most Efficient VRF System!

From recent AHRI data, Samsung VRF was proven to be the most efficient heat recovery system on the market. SCHE is part of AHRI Standard 1230 and is used to calculate Simultaneous Cooling and Heating Efficiency. This measures the system efficiency of a heat recovery system during simultaneous operation.

How SCHE Is Calculated

$$SCHE = (\text{Heating Capacity (BTU/H)} + \text{Cooling Capacity (BTU/H)}) / \text{Total System Power Input (Watts)}$$



Average

Samsung	24.17
Panasonic	22.73
Mitsubishi	17.43
LG	19.31
Daikin	17.44

Maximum

Samsung	30.00
Panasonic	24.70
Mitsubishi	24.00
LG	21.50
Daikin	21.10

Minimum

Samsung	23.00
Panasonic	21.60
Mitsubishi	11.84
LG	17.00
Daikin	15.60

July Question & Answer:

Question: Which Of The Following Features Help Increase Samsung's Energy Efficiency?

A.) Dual Inverter Compressors B.) Vapor Injection C.) All Of The Above

Prize: Cleveland Browns Tailgate Package

Respond by August 15th with the correct answer to be entered in the raffle for this month's prize!

Last Month's Question & Answer Winner!

Question: The water in a Meefog humidification system is purified through what method?

Answer: C.) Reverse Osmosis. Congratulations to John Sabo For Winning A Masterbuilt 30" Electric Smoker.

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