



# SAVR-D PRODUCT LAUNCH - 50/60 HZ

HEATING ᆗ COOLING 💥 WATER HEATING

## Agenda

- Factory Overview: Manufacturing Capability & Factory video
- Product
  - Nomenclature & Product Range
  - What is the difference between SAVR-C and SAVR-D?
  - Product Specifications
  - Product Features
  - Competition Comparison
- Marketing
- Service
- Pricing
- Wrap Up



# MANUFACTURING CAPABILITY

HEATING <del>2</del> COOLING 💥 WATER HEATING

## Manufacturing Capability

- ISO 9001 certified state-of-the-art factory located in Ningbo.
- Robust R&D, a strong understanding of design and superior manufacturing processes.
- Capability to conduct quality checks and reliability tests
- ISO 17025: 2017 Laboratory Accreditation Certificate
- Psychrometric, Condensing and Environmental Test labs to develop state-of-the-art VRF Products.





## Manufacturing Video



## PRODUCT LINE-UP



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## Outdoor Unit Product Line Up



New Series: Without X panel

Old Series: With X panel

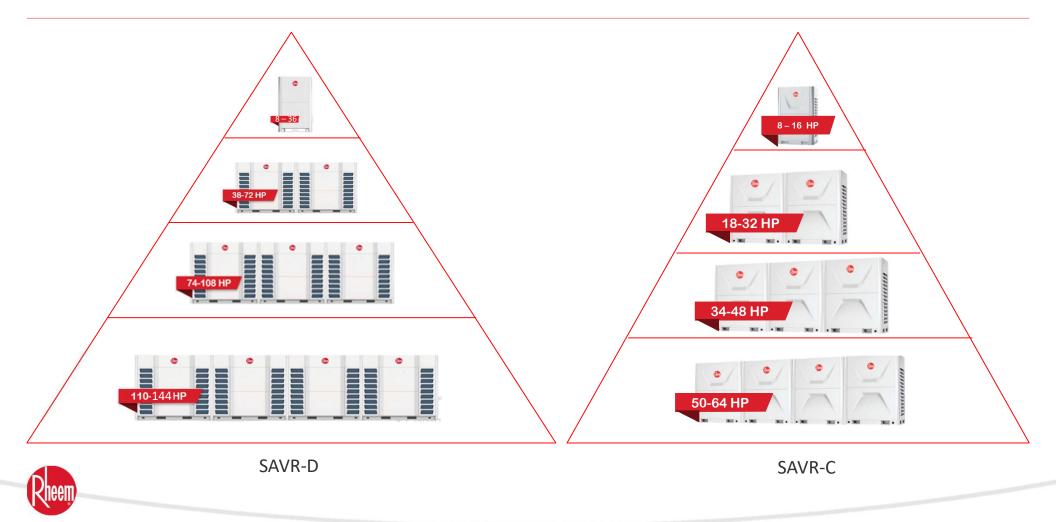


## Outdoor Unit Product Line Up



Widest Capacity Range - The max combination of 4 ODUs can reach up to 144HP

## Capacity Range Comparison between SAVR-C and SAVR-D



## PRODUCT OVERVIEW



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## Did you know?

Single Model for 36 HP



# Two models to cover 36 HP

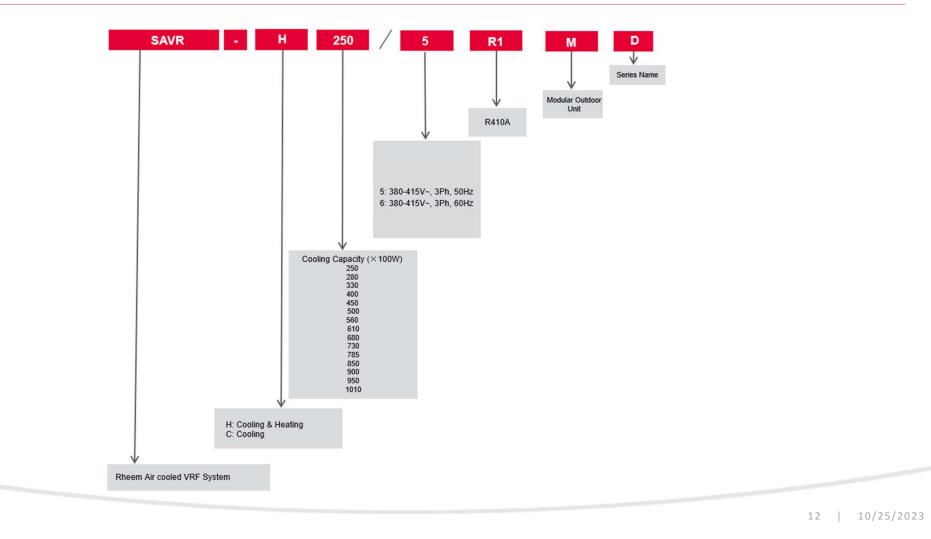


#### Two models to cover 36 HP

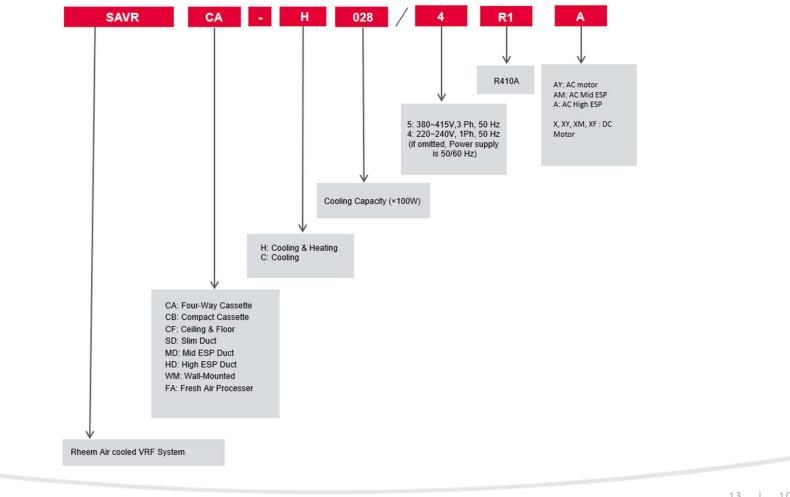




## Rheem Outdoor Unit Nomenclature



#### Rheem Indoor Unit Nomenclature



13 | 10/25/2023

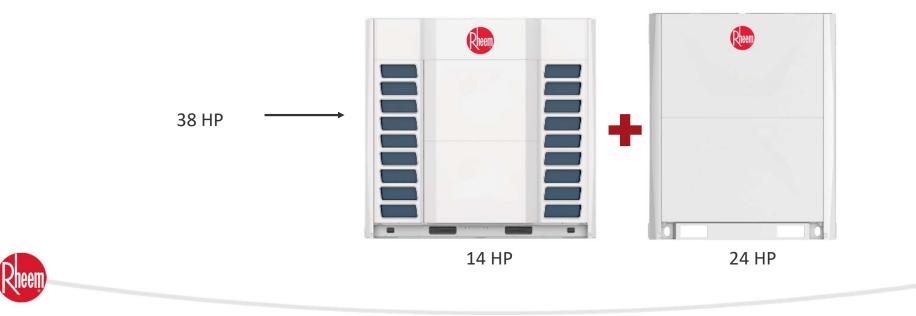
#### Combinations



Misconception: Any random combinations can be connected to meet the desired capacity.

Only Tested Combinations can be connected.

A Quick Selection Guide is also launched to simplify this.



## Quick Selection Guide

| Rheem       |                  |    |                  |                          |                     |                    |                          |                     |           |         |                            |
|-------------|------------------|----|------------------|--------------------------|---------------------|--------------------|--------------------------|---------------------|-----------|---------|----------------------------|
| •           | •                |    | •                |                          | T1 (100 % CR)       | •                  |                          | T3 (100 % CR)       | •         | CSPF    | •                          |
| Series Name | Model Names      | HP | Combination type | Cooling Capacity<br>(kW) | Power Input<br>(kW) | EER (W/W)          | Cooling Capacity<br>(kW) | Power Input<br>(kW) | EER (W/W) | Btu/h/W | Compressor Type x Quantity |
| SAVR-D      | SAVR-H250/5R1MD  | 8  | 8                | 25.2                     | 5.99                | 14.35              | 22.2                     | 7.55                | 10.05     | 16.00   | DC Inverter Scroll x 1     |
| SAVR-D      | SAVR-H280/5R1MD  | 10 | 10               | 27.9                     | 6.98                | <mark>13.65</mark> | 24.9                     | 9.02                | 9.40      | 15.30   | DC Inverter Scroll x 1     |
| SAVR-D      | SAVR-H330/5R1MD  | 12 | 12               | 33.3                     | 8.62                | 13.15              | 29.4                     | 10.24               | 9.75      | 14.80   | DC Inverter Scroll x 1     |
| SAVR-D      | SAVR-H400/5R1MD  | 14 | 14               | 40                       | 10.67               | 12.80              | 33.6                     | 11.62               | 9.90      | 14.10   | DC Inverter Scroll x 1     |
| SAVR-D      | SAVR-H450/5R1MD  | 16 | 16               | 45                       | 13.04               | 11.80              | 37.2                     | 13.73               | 9.20      | 14.00   | DC Inverter Scroll x 1     |
| SAVR-D      | SAVR-H500/5R1MD  | 18 | 18               | 50                       | 13.70               | 12.45              | 42                       | 15.73               | 9.05      | 13.80   | DC Inverter Scroll x 2     |
| SAVR-D      | SAVR-H560/5R1MD  | 20 | 20               | 56                       | 16.14               | 11.80              | 44                       | 17.05               | 8.85      | 13.60   | DC Inverter Scroll x 2     |
| SAVR-D      | SAVR-H610/5R1MD  | 22 | 22               | 61.5                     | 18.64               | 11.25              | 46                       | 18.40               | 8.55      | 13.50   | DC Inverter Scroll x 2     |
| SAVR-D      | SAVR-H680/5R1MD  | 24 | 24               | 67                       | 19.42               | 11.75              | 52                       | 20.00               | 8.90      | 13.40   | DC Inverter Scroll x 2     |
| SAVR-D      | SAVR-H730/5R1MD  | 26 | 26               | 73                       | 23.17               | 10.80              | 57                       | 22.35               | 8.70      | 13.35   | DC Inverter Scroll x 2     |
| SAVR-D      | SAVR-H785/5R1MD  | 28 | 28               | 78.5                     | 25.74               | 10.40              | 61                       | 24.40               | 8.50      | 13.30   | DC Inverter Scroll x 2     |
| SAVR-D      | SAVR-H850/5R1MD  | 30 | 30               | 85                       | 28.33               | 10.25              | 63.5                     | 25.60               | 8.45      | 13.25   | DC Inverter Scroll x 2     |
| SAVR-D      | SAVR-H900/5R1MD  | 32 | 32               | 90                       | 30.20               | 10.20              | 65                       | 26.53               | 8.35      | 13.20   | DC Inverter Scroll x 2     |
| SAVR-D      | SAVR-H950/5R1MD  | 34 | 34               | 95                       | 32.20               | 10.05              | 67.5                     | 27.89               | 8.25      | 13.10   | DC Inverter Scroll x 2     |
| SAVR-D      | SAVR-H1010/5R1MD | 36 | 36               | 101                      | 34.47               | 10.00              | 71.5                     | 29.79               | 8.20      | 13.05   | DC Inverter Scroll x 2     |
|             |                  |    |                  |                          |                     |                    |                          |                     |           |         |                            |



## Compressor Quantity in Outdoor units

| Compressor<br>quantity | 8-16 HP | 18-36 HP | 38-42 HP | 44-72 HP | 74-78 HP | 80-108 HP | 110-44 HP |
|------------------------|---------|----------|----------|----------|----------|-----------|-----------|
| 1                      | X       |          |          |          |          |           |           |
| 2                      |         | X        |          |          |          |           |           |
| 3                      |         |          | X        |          |          |           |           |
| 4                      |         |          |          | X        |          |           |           |
| 5                      |         |          |          |          | X        |           |           |
| 6                      |         |          |          |          |          | X         |           |
| 8                      |         |          |          |          |          |           | X         |

#### SAVR-D Lineup



## **Compressor Comparison**

#### SAVR-D Lineup

| Compressor<br>Quantity | 8-16 HP | 18-36 HP |
|------------------------|---------|----------|
| 1                      | X       |          |
| 2                      |         | X        |

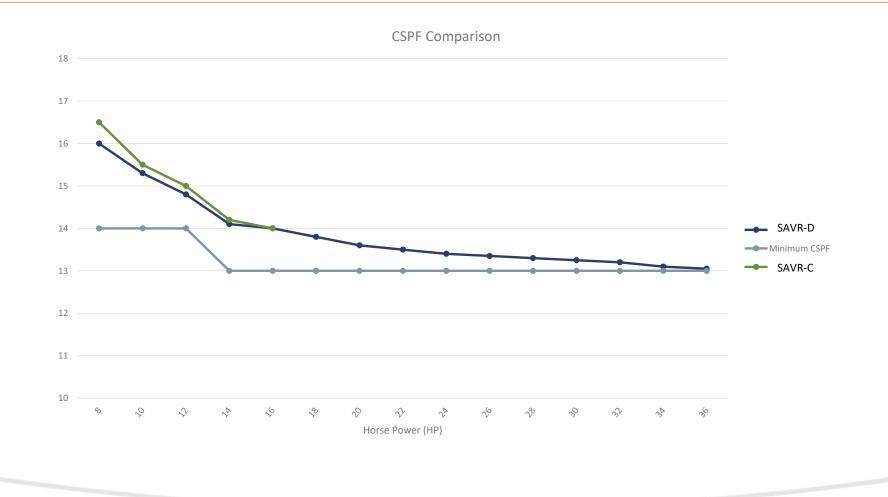
\*2 models of Compressors

#### SAVR-C Lineup

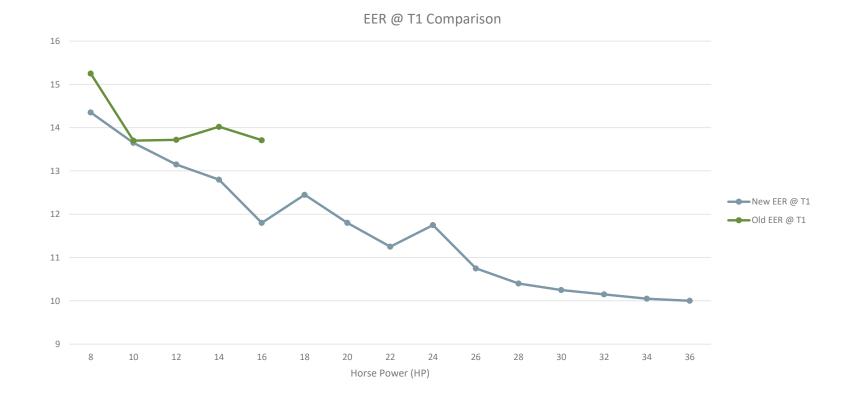
| Compressor<br>Quantity | 8-12 HP | 14-16 HP |
|------------------------|---------|----------|
| 1                      | X       |          |
| 2                      |         | X        |



## Comparison with the old SAVR-C series

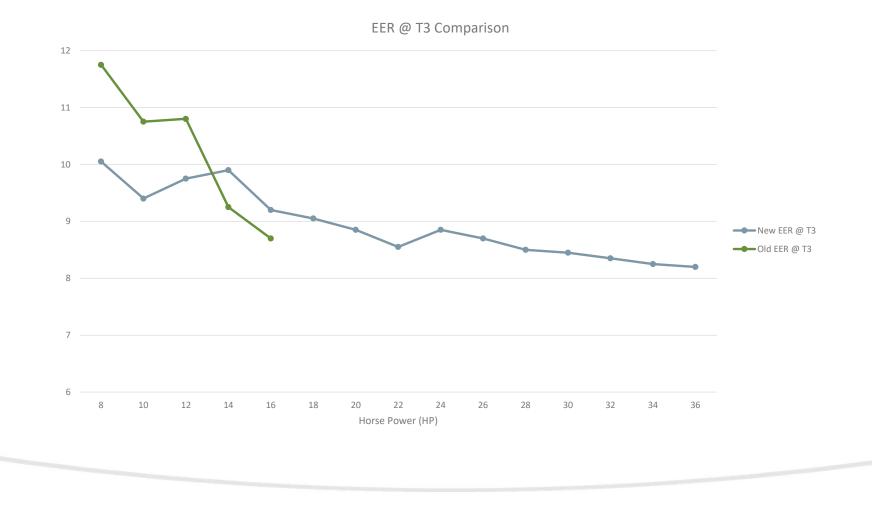


## Comparison with the old SAVR-C series



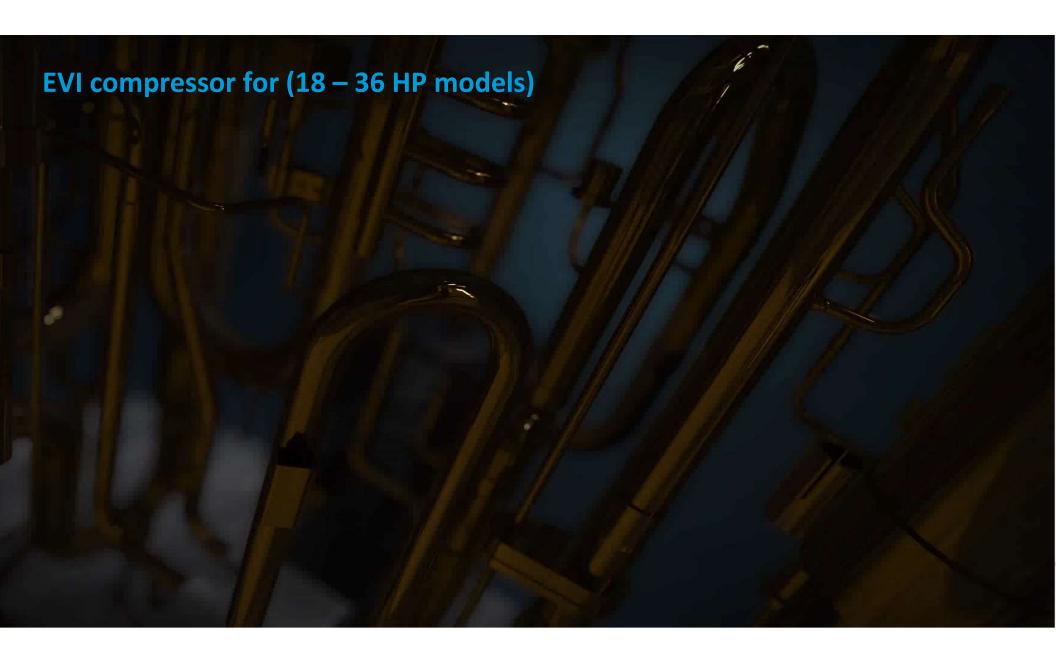


## Comparison with the old SAVR-C series

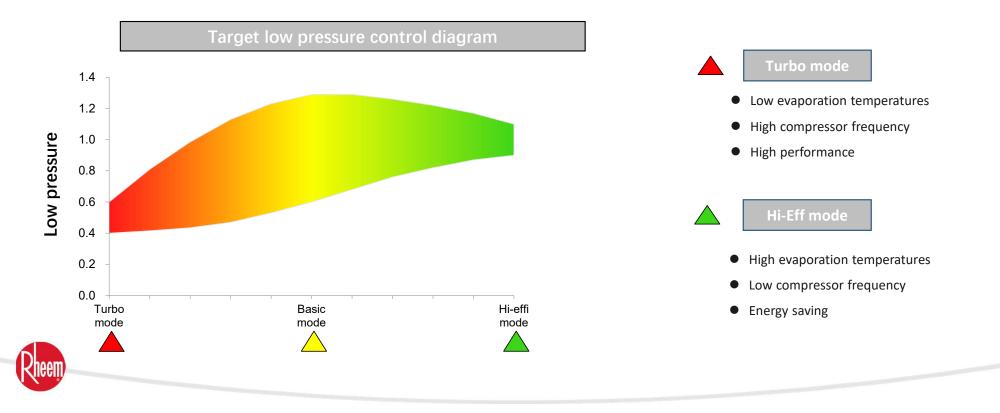


## PRODUCT FEATURES

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There are **3** different control modes that can be adjusted which will adjust the refrigerant pressure adjustment to achieve different evaporation temperatures. **The purpose of this is to achieve High performance OR Energy saving**.

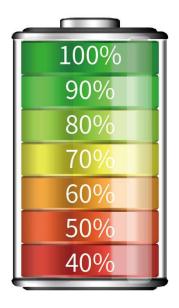


## Seven-levels of Limited Usage

- The Outdoor unit supports seven levels of output capacity control.
- It prevents tripping and keeps the Outdoor unit running during electricity supply restriction conditions.





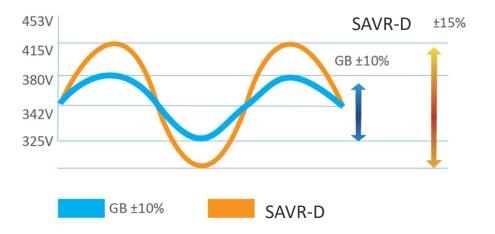




### Wide Operation Range

## Cooling mode ambient temperature range : -15°C to 55°C Heating mode ambient temperature range : -30°C to 24°C

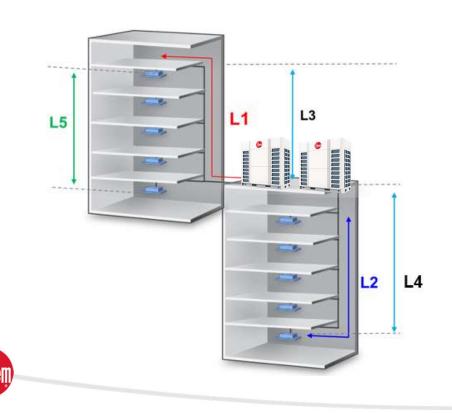






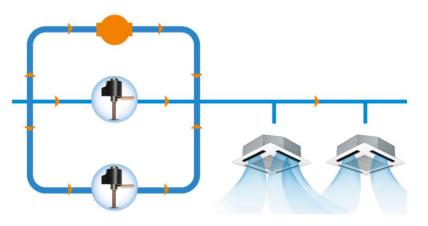
## Long Piping Length

Long piping capability allows designer/installer more flexible installation design.



|    | Piping length  |       |  |  |  |
|----|--|-------|--|--|--|
|    | Total piping   | 1000m |  |  |  |
| L1 | Longest length – actual<br>(equivalent)                | 200m  |  |  |  |
| L2 | Longest length after first branch                      | 90m   |  |  |  |
| L3 | Largest height difference<br>between IDU and ODU(down) | 130m  |  |  |  |
| L4 | Largest height difference<br>between IDU and ODU (up)  | 110m  |  |  |  |
| L5 | Largest height difference<br>between IDUs              | 30m   |  |  |  |

#### **High Precise Control**



Double EXV with by-pass valve

Stepless regulation of refrigerant flow

(°) Ts ±0.5° th)

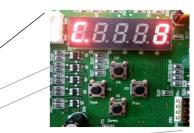
#### 0.5°C Fluctuation temperature control

Optimized thermal on/off control logic, through target super-heat and temperature difference between set and room temperature to adjust pulse of EXV , achieve high precise control, less temperature fluctuation.



## Automatic Refrigerant Charging

- Pressure sensors built-in that monitor the status of the refrigerant and ensure that the adequate amount is charged.
- This enables easier installation and maintenance.



After choosing the automatic refrigerant charging function

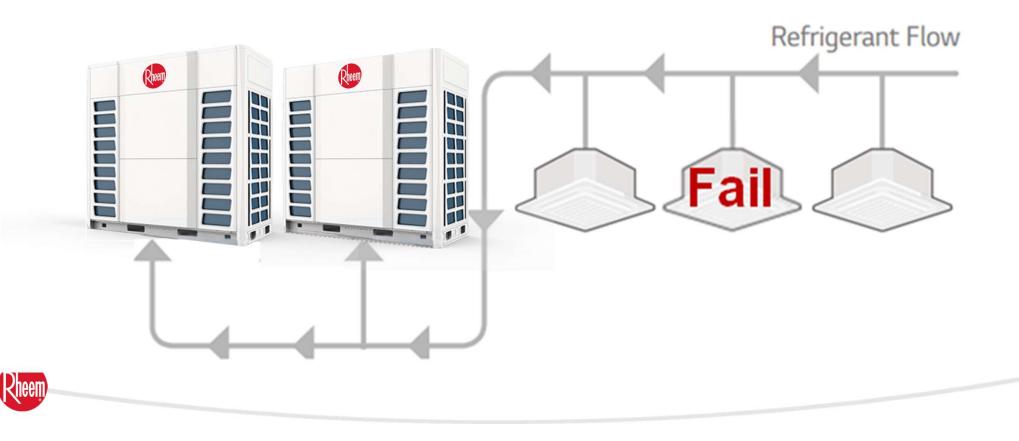
ODU running cooling mode automatic, according running parameters,

Main PCB display will show *Refrigerant state*:

- **[**F.....1**]** : *Refrigerant is not enough*
- [F.....2] : Refrigerant is enough
- [F.....3] : Excess of refrigerant

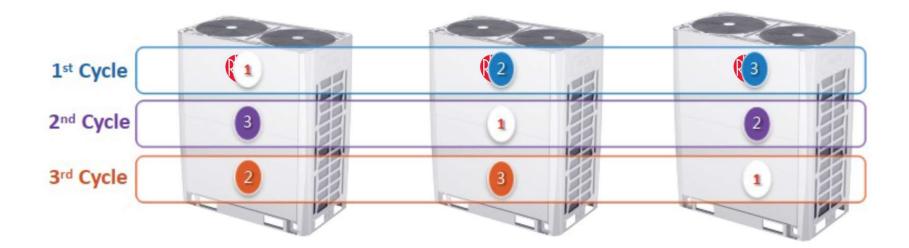
## Automatic refrigerant recycling

All refrigerant can be recycled to the outdoor unit.



## Alternative Operation Module

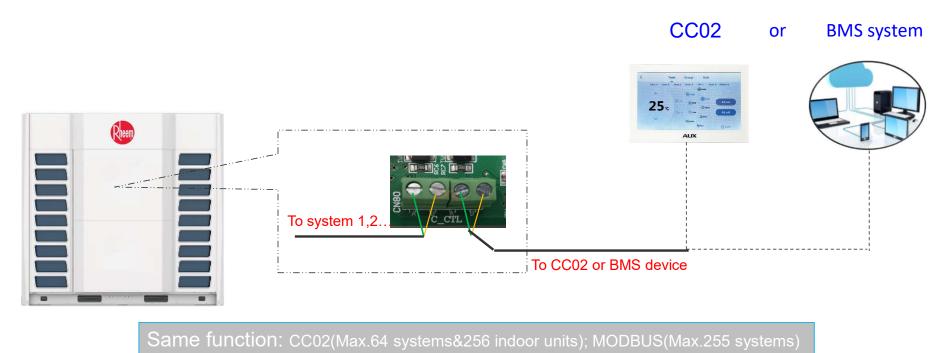
The alternative operation module equalizes the running time of outdoor units in a VRF system that has multiple ODU's and rotates the operation for each of the compressors in each unit, thus significantly extending compressor lifespan.





## Centralized controller/MODBUS

The lineup doesn't need a gateway to connect CC02 or BMS system, making installation easier and convenient.





## Refrigerant Cooling PCB

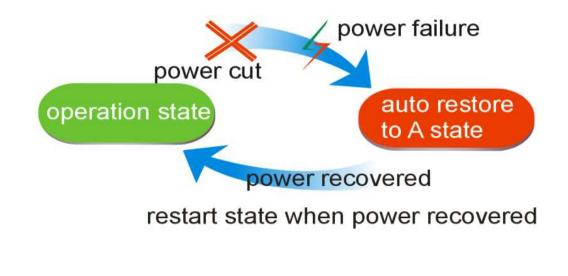
Special piping design, refrigerant runs behind the PCB part, to prevent it from over-heating.





### **Auto Restart Function**

The VRF system memorizes the operation settings so in case power is cut off accidently, it will return to system setting if the power resumes.





## Back Up Technology



In case one module breaks down, the rest of modules in the same refrigerant system will operate.

#### Compressor Back-up

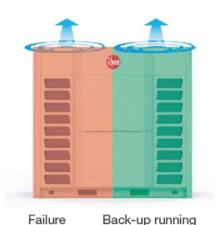


Running

Failure or downtime Start-up

In case one compressor breaks down, the other compressor will ensure that the outdoor unit is operating normally.

#### Fan Back-up



Back-up running

In case one fan breaks down, the other fan will ensure that the outdoor unit operates normally



### Product Video

Rheem



## SELECTION SOFTWARE

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#### VRF Software

#### Newest Version of the software



| Pla                    | cement floor number                |                       | - 0                     |  |                  |
|------------------------|------------------------------------|-----------------------|-------------------------|--|------------------|
| Installation height(m) |                                    | (                     | :0                      |  |                  |
| D-                     | e max pipe length from ODU to IDU( | (m)                   | 0 :                     |  |                  |
|                        |                                    |                       |                         |  |                  |
|                        | ight difference(m)                 | 0                     | 0<br>1<br>Standard mode |  |                  |
| Sar                    | ne system                          |                       |                         |  |                  |
| Sel                    | ection mode                        | Standard mode         |                         |  | Process of       |
| Sel                    | ected ODU                          |                       |                         | ~ Normal                                       |                  |
|                        |                                    | Recommended ODU       | 0                       | Product series                                 | VRF-SAVR-D(SASO) |
|                        | Special ratio                      | 100%                  | 1                       | Model  | SAVR-H250/6R1MD  |
|                        | ies VRF-SAVR-D(SASO)               |                       | -                       | Module combinations                            |                  |
| o¢!                    | -                                  |                       | 1.                      | Cooling capacity(kW)                           | 25.2             |
|                        |                                    | Combination ratio (%) |                         | Heating capacity(kW)                           | 25.2             |
| •                      | SAVR-H250/6R1MD                    | 60'                   | the second second       | - Dimension                                    |                  |
|                        | SAVR-H280/6R1MD                    | 54                    | % +                     | Length(mm)                                     | 990              |
|                        |                                    |                       |                         | Unit width(mm)                                 | 765              |
|                        |                                    |                       |                         | Height(mm)                                     | 1635             |
|                        |                                    |                       |                         | ✓ Electricity Power                            |                  |
|                        |                                    |                       |                         | Rated cooling power(kW)                        | 5.99             |
|                        |                                    |                       |                         | Rated heating power(kW)                        | 4.8              |
|                        |                                    |                       |                         | Maximum operating cur                          |                  |
|                        |                                    |                       |                         | Power type                                     | 60Hz             |
|                        |                                    |                       |                         | Electricity Power                              | 380-415V, 3P     |
|                        |                                    |                       |                         | EER  | 4.21             |
|                        |                                    |                       |                         | COP  | 5.25             |
|                        |                                    |                       |                         | ✓ Pipe size                                    |                  |
|                        |                                    |                       |                         | Gas pipe(mm)                                   | 22.2             |
|                        |                                    |                       |                         | Liquid pipe(mm)                                | 12.7             |
|                        |                                    |                       |                         | Enlarged gas pipe(mm)                          | 25.4             |
|                        |                                    |                       |                         | Enlarged liquid pipe(mm)                       | 12.7             |
|                        |                                    |                       |                         | Branch joint type                              |                  |
|                        |                                    |                       |                         | Enlarged branch joint                          |                  |
|                        |                                    |                       |                         | Gather pipe                                    |                  |
|                        |                                    |                       |                         | Other     Rated water flow rate(L/s)           | 0                |
|                        |                                    |                       |                         |  | 0<br>R410A       |
|                        |                                    |                       |                         | Refrigerant type<br>Total factory-charged (kg) |                  |
|                        |                                    |                       |                         | Maximum additional refr                        |                  |
|                        |                                    |                       |                         | Power factor                                   | 0.9              |
|                        |                                    |                       |                         | Maximum number of IDU                          |                  |
|                        |                                    |                       |                         | Weight(kg)                                     | 215              |
|                        |                                    |                       |                         | Noise (dB(A))                                  | 58               |
|                        |                                    |                       |                         | - rous (an(e))                                 |                  |
|                        |                                    |                       |                         |  |                  |



### VRF Software

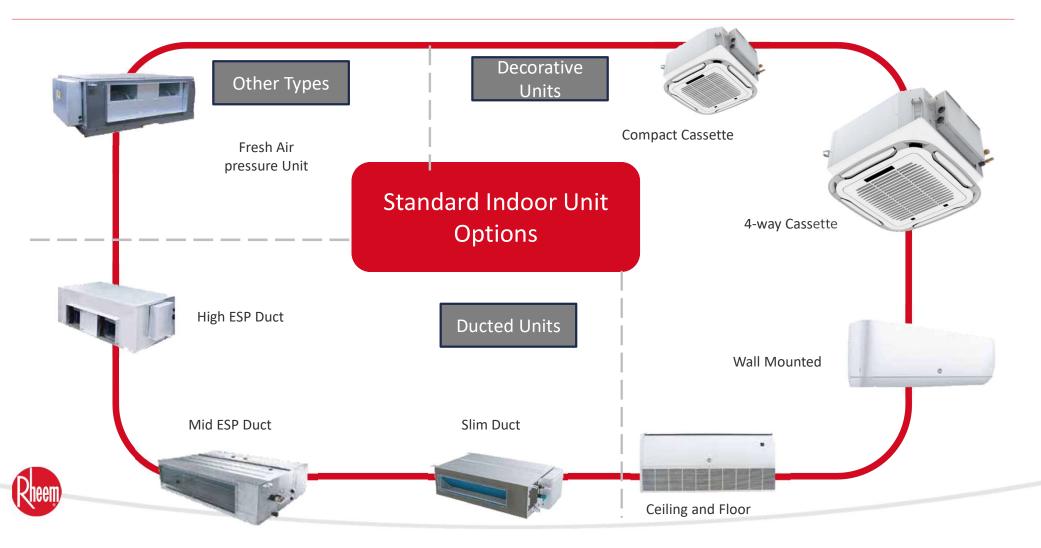
#### Newest Version of the software



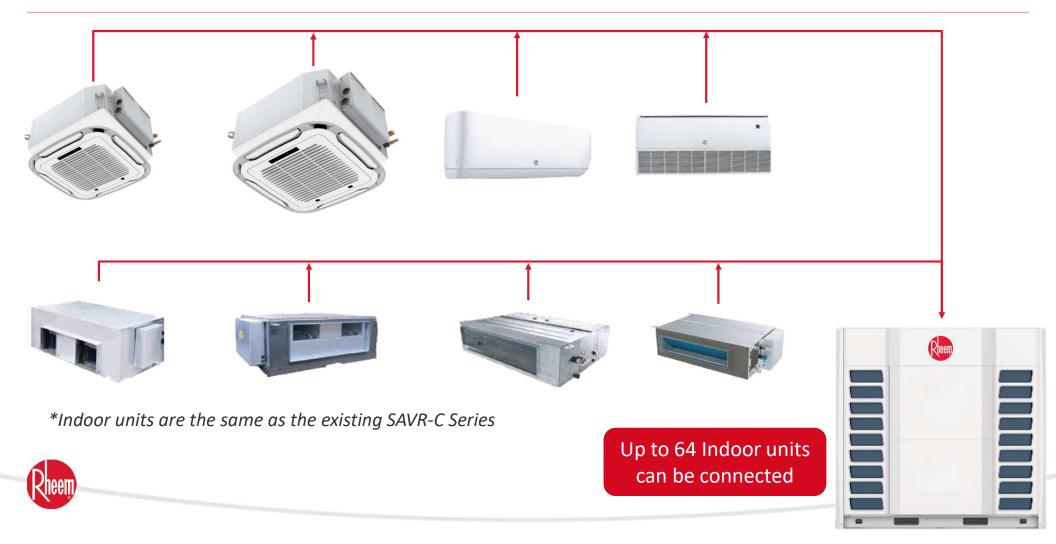
| Placement floor number       Installation height(m)       The max pipe length from ODU to IDU(m)       Height difference(m) |                  |        | - 0              |     |                        |                      |  |
|---|------------------|--------|------------------|-----|------------------------|----------------------|--|
|   |                  |        |                  |     |                        |                      |  |
|   |                  |        |                  |     |                        |                      |  |
|   |                  |        |                  |     |                        |                      |  |
| Same sy   | ystem            |        |                  | 1 ‡ | 1                      |                      |  |
| electio   | on mode          |        | Standard mode    | -   | [Box]                  | In the second second |  |
| Selecte   | d ODU            |        |                  |     | ✓ Normal               |                      |  |
|   |                  |        | Recommended ODU  | 0   | Product series         | VRF-SAVR-C(ESMA)     |  |
| ✓ Spe   | cial ratio       | 1      | 30%              | -   | Model                  | SAVR-H250/5R1MC      |  |
| Series 1  | VRF-SAVR-C(ESMA) | Line   |                  | -   | Module combinations    |                      |  |
|   |                  | a      |                  | _   | Cooling capacity(kW)   | 25.2                 |  |
| Mo  | del              | Combin | nation ratio (%) |     | Heating capacity(kW)   | 25.2                 |  |
| SAV   | VR-H250/5R1MC    |        | 61%              | +   | ✓ Dimension            |                      |  |
| SAV   | R-H280/5R1MC     |        | 55%              | +   | Length(mm)             | 990                  |  |
|   |                  |        |                  |     | Unit width(mm)         | 765                  |  |
|   |                  |        |                  |     | Height(mm)             | 1635                 |  |
|   |                  |        |                  |     | ✓ Electricity Power    |                      |  |
|   |                  |        |                  |     | Pated cooling power(k) | 10 5.64              |  |



#### Indoor Units



### Indoor Unit connections



## COMPETITON COMPARISON

|                |   | SAVR-D                  | Midea                   | LG                      | Samsung              | Daikin               | Mitsubishi           |
|----------------|---|-------------------------|-------------------------|-------------------------|----------------------|----------------------|----------------------|
|                | Top Discharge VRF (Nominal<br>Capacity kW)  | 25.2 - 101              | 22.4 - 90               | 22.4 - 61.6             | 22.4 - 67.2          | 22.4 - 45            | 22.4 - 56            |
| Configuration  | Maximum Combinable<br>Modules               | 4                       | 3                       | 3                       | 3                    | 3                    | 3                    |
|                | Heat Pump                                   | •                       | •                       | •                       | •                    | •                    | •                    |
| Specifications | Refrigerant                                 | R410A                   | R410A                   | R410A                   | R410A                | R410A                | R410A                |
| Specifications | Floating Refrigerant Temperature            | •                       | •                       |                         |                      | •                    |                      |
|                | Enhanced Vapor Injection                    | •                       | •                       | •                       | •                    |                      |                      |
|                | Plate Heat Exchanger for<br>Subcooling      | •                       | •                       |                         | •                    |                      |                      |
|                | 4 Side Condenser Coil                       | •                       | •                       | •                       | •                    | •                    |                      |
|                | Operation Range                             | -15 Deg C to<br>55Deg C | -24 Deg C to<br>54Deg C | -20 Deg C to 54Deg<br>C | -24 Deg C to 54Deg C | -20 Deg C to 52Deg C | -20 Deg C to 54Deg C |
| Piping         | Total Pipe Length (m)                       | 1000                    | 1000                    | 1000                    | 1000                 | 1000                 | 1000                 |
|                | Longest Piping Length (m)                   | 200                     | 175                     | 200                     | 200                  | 165                  | 165                  |
|                | Level Difference Between IDU<br>and ODU (m) | 90                      | 90                      | 110                     | 110                  | 50                   | 50                   |
|                | Level Difference Between IDUs<br>(m)        | 30                      | 30                      | 40                      | 50                   | 30                   | 15                   |
| Features       | Night Silent Mode                           | ٠                       | •                       | •                       | •                    | •                    | •                    |
|                | Refrigerant Cooled PCB                      | •                       | •                       | •                       | •                    | •                    |                      |
|                | Automatic Refrigerant Charging              | Standard                | Optional                |                         |                      | •                    |                      |
|                | Real Time Refrigerant Amount<br>Monitoring  | Standard                | •                       | •                       |                      |                      |                      |
|                | Auto Snow Blowing Function                  | Custom                  | Custom                  | Custom                  |                      |                      |                      |
|                | Dust Clean Function                         | Custom                  | Custom                  | Custom                  |                      |                      |                      |

## COMPLIANCE WITH REGULATIONS

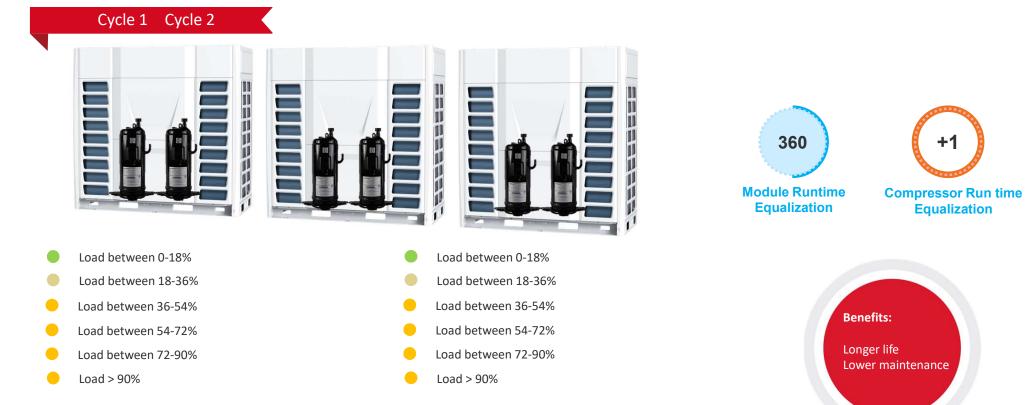
# Compliance with Regulations

| Model Names      | НР | Compliance with SASO<br>SASO 2874: 2016 | Compliance with QCC-PCS-<br>ASP017.01:2016 | Compliance with<br>ESMA UAE.S 5010-<br>5:2019 |
|------------------|----|---|--|---|
| SAVR-H250/5R1MD  | 8  | Meets                                   | Meets                                      | Meets   |
| SAVR-H280/5R1MD  | 10 | Meets                                   | Meets                                      | Meets   |
| SAVR-H330/5R1MD  | 12 | Meets                                   | Meets                                      | Meets   |
| SAVR-H400/5R1MD  | 14 | Meets                                   | Meets                                      | Meets   |
| SAVR-H450/5R1MD  | 16 | Meets                                   | Meets                                      | Meets   |
| SAVR-H500/5R1MD  | 18 | Meets                                   | Meets                                      | Meets   |
| SAVR-H560/5R1MD  | 20 | Meets                                   | Meets                                      | Meets   |
| SAVR-H610/5R1MD  | 22 | Meets                                   | Meets                                      | Meets   |
| SAVR-H680/5R1MD  | 24 | Meets                                   | Meets                                      | Meets   |
| SAVR-H730/5R1MD  | 26 | Meets                                   |  | Meets   |
| SAVR-H785/5R1MD  | 28 | Meets                                   |  | Meets   |
| SAVR-H850/5R1MD  | 30 | Meets                                   |  | Meets   |
| SAVR-H900/5R1MD  | 32 | Meets                                   |  | Meets   |
| SAVR-H950/5R1MD  | 34 | Meets                                   |  | Meets   |
| SAVR-H1010/5R1MD | 36 | Meets                                   |  | Meets   |

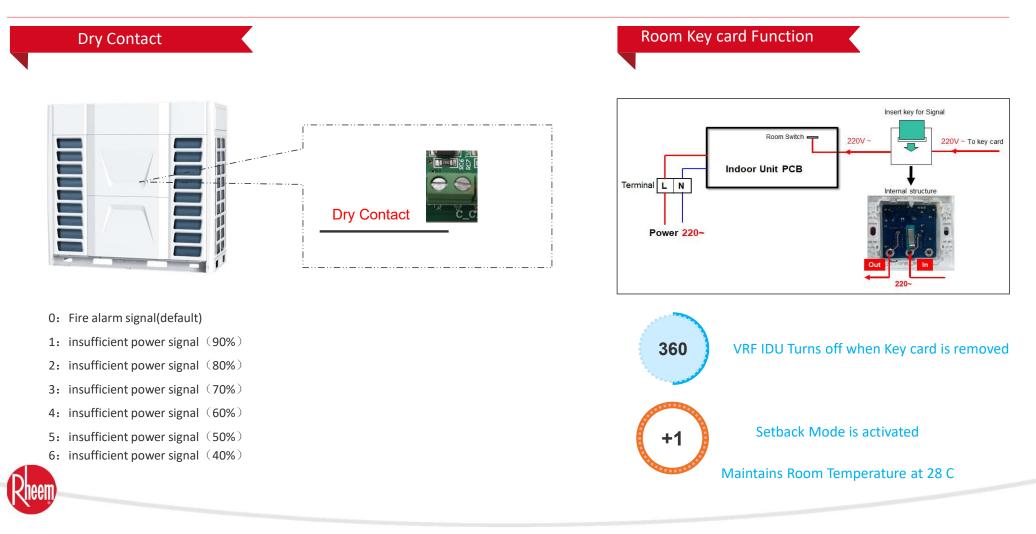


# SERVICE

### MODULE & COMPRESSOR RUN TIME EQUALIZATION



## Dry Contact for Fire alarm Signal or Insufficient power



## MARKETING

## BRANDING

### Branding on outdoor unit

Color logos to be used on the outdoor units for enhanced brand visibility at site





### Video

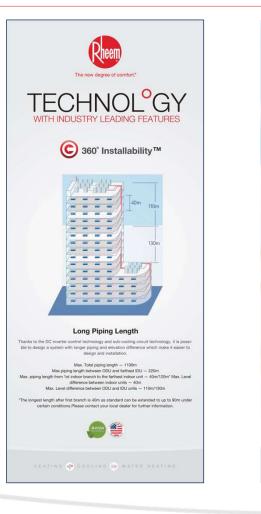


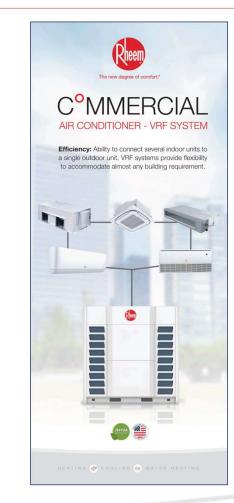
## POINT-OF-SALE

## Brochure- Technical / Sales Brochure / Presentation



#### Roll up Banners





The new degree of comfort.\*

**TECHNOL<sup>o</sup>GY** 

WITH INDUSTRY LEADING FEATURES

Efficiency: Not only does this make installation and maintenance easier, but it also eliminates any energy waste associated with central duct systems.

Flexibility: VRF systems provide flexibility to accommodate almost any building or VIIIa requirement. Reliability: Effectively prevent bacteria breading unique anti-corrosive golden coating on the condenser can withstand the rain, saity air and other corrosive elements.

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Ren



## DIGITAL PLAN

### VRF – Launch Communication

#### Social Media

- Prior to the launch of the VRF series, we released a teaser post to generate buzz on social media and peak the interest of our audience.
- We will then announce the launch with another engaging video with the objective of awareness and impressions.







#### VRF – Post-Launch Communication

Social Media



- Post-launch, our social media content will focus on educating our audience on the key features and benefits of the VRF series.
- We will boost these posts on Instagram and LinkedIn to maximize impressions and awareness.



#### **RUUD** Assets







### VRF – Post-Launch Communication

#### **Press Release**

- We will also issue a press release, to be shared with top tier trade media publications.
- Media list:

MEP Middle East | Construction Week | Construction
Business News ME | Big Projects | Middle East Consultant
| Gulf Construction | Climate Control ME | Technical
Review Middle East | Middle East Construction News

"Rheem Middle East launches new range of VRF systems in the MEA region."

#### Blog

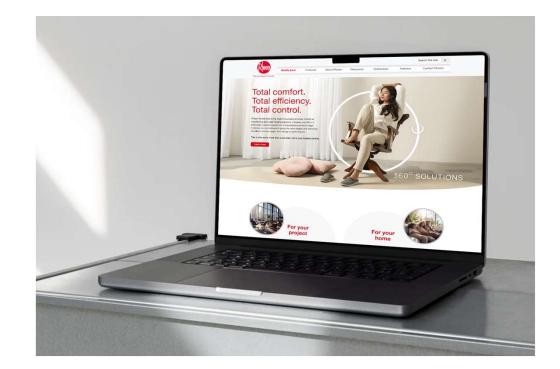
 Finally, we will write a blog that targets endconsumers with the objective of educating them on Rheem's innovative VRF technology and its benefits.

#### "The Power of Smart Controls"



#### Rheem Landing Page – In process

We've designed a dedicated campaign landing page that serves as the focal point for driving traffic from both social media and paid media activities. The page will effectively convey Rheem's product range and our commitment to quality, aligning perfectly with the core message of our campaign, while resonating equally with the B2B and B2C customer.





## VRF – Launch Communication

#### Timeline (Fri 13<sup>th</sup> Oct – Fri 17<sup>th</sup> Nov)

| Week 1                        | Launch                           | Week 3                | Week 4                                     | Week 5 |  |
|-------------------------------|----------------------------------|-----------------------|--|--------|--|
|                               |                                  | Social Media          |  |        |  |
| Launch Teaser                 | Fri 20th Oct<br>Launch Animation | Educational Carousel  | Video of Key Features<br>(boosted content) | FAQs   |  |
|                               | (boosted content)                | Link to Press Release |  |        |  |
|                               |                                  | PR                    |  |        |  |
| Tue 24th Oct<br>Press Release |                                  |                       |  |        |  |
|                               |                                  | Blog                  |  |        |  |
|                               |                                  | Educational Article   |  |        |  |
|                               |                                  | Landing Page          |  |        |  |
|                               | Product Spotlight                |                       |  |        |  |
|                               |                                  |                       |  |        |  |

# PRICING

## Price Comparison Overview: New Vs Existing Series ODUs

|             | Existing Series ODUs | New Series ODUs  | List Price<br>Variance |             | Existing Series ODUs | New Series ODUs  | List Price<br>Variance |
|-------------|----------------------|------------------|------------------------|-------------|----------------------|------------------|------------------------|
| 8HP         | SAVR-H250/5R1MC      | SAVR-H250/5R1MD  | -7.7%                  | 38HP        | SAVR-H1060/5R1MC     | SAVR-H1060/5R1MD | -18.8%                 |
| 10HP        | SAVR-H280/5R1MC      | SAVR-H280/5R1MD  | -10.1%                 | 40HP        | SAVR-H1120/5R1MC     | SAVR-H1120/5R1MD | <b>-18.7%</b>          |
| 12HP        | SAVR-H330/5R1MC      | SAVR-H330/5R1MD  | -9.3%                  | 42HP        | SAVR-H1170/5R1MC     | SAVR-H1170/5R1MD | -24.1%                 |
| 14HP        | SAVR-H400/5R1MC      | SAVR-H400/5R1MD  | -9.7%                  | <b>44HP</b> | SAVR-H1230/5R1MC     | SAVR-H1230/5R1MD | -19.2%                 |
| 16HP        | SAVR-H450/5R1MC      | SAVR-H450/5R1MD  | -9.8%                  | <b>46HP</b> | SAVR-H1280/5R1MC     | SAVR-H1280/5R1MD | -24.5%                 |
| <b>18HP</b> | SAVR-H500/5R1MC      | SAVR-H500/5R1MD  | -25.4%                 | <b>48HP</b> | SAVR-H1340/5R1MC     | SAVR-H1340/5R1MD | -23.5%                 |
| 20HP        | SAVR-H560/5R1MC      | SAVR-H560/5R1MD  | -26.4%                 | 50HP        | SAVR-H1400/5R1MC     | SAVR-H1400/5R1MD | -32.4%                 |
| 22HP        | SAVR-H610/5R1MC      | SAVR-H610/5R1MD  | -24.3%                 | 52HP        | SAVR-H1450/5R1MC     | SAVR-H1450/5R1MD | -32.3%                 |
| 24HP        | SAVR-H660/5R1MC      | SAVR-H680/5R1MD  | -24.6%                 | 54HP        | SAVR-H1510/5R1MC     | SAVR-H1510/5R1MD | -23.4%                 |
| 26HP        | SAVR-H730/5R1MC      | SAVR-H730/5R1MD  | -32.3%                 | 56HP        | SAVR-H1560/5R1MC     | SAVR-H1560/5R1MD | -23.7%                 |
| <b>28HP</b> | SAVR-H785/5R1MC      | SAVR-H785/5R1MD  | <b>-28.7%</b>          | 58HP        | SAVR-H1624/5R1MC     | SAVR-H1624/5R1MD | -26.6%                 |
| 30HP        | SAVR-H850/5R1MC      | SAVR-H850/5R1MD  | -31.9%                 | 60HP        | SAVR-H1680/5R1MC     | SAVR-H1680/5R1MD | <b>-26.7%</b>          |
| 32HP        | SAVR-H900/5R1MC      | SAVR-H900/5R1MD  | -28.4%                 | 62HP        | SAVR-H1730/5R1MC     | SAVR-H1730/5R1MD | -30.0%                 |
| 34HP        | SAVR-H950/5R1MC      | SAVR-H950/5R1MD  | -37.2%                 | 64HP        | SAVR-H1790/5R1MC     | SAVR-H1790/5R1MD | <b>-28.4</b> %         |
| 36HP        | SAVR-H1010/5R1MC     | SAVR-H1010/5R1MD | -34.4%                 |             |                      |                  |                        |
|             |                      |                  |                        |             |                      |                  |                        |

# Average Price Advantage

*theen* 

| Capacity | Existing<br>Combination | New<br>Combination | Price Advantage over<br>Existing Combination |
|----------|-------------------------|--------------------|--|
| 8-16HP   | Single                  | Single             | -9.4%  |
| 18-32HP  | Two                     | Single             | -28.0%                                       |
| 34-36HP  | Three                   | Single             | -35.8%                                       |
| 38-48HP  | Three                   | Two                | -21.6%                                       |
| 50-64HP  | Four                    | Two                | -27.9%                                       |

## THANK YOU!