



CLIMATEMASTER®

A **NIBE** GROUP MEMBER

**LEADING THE CHANGE TO LOW
GWP REFRIGERANTS**

REFRIGERANT TRANSITION TIMELINE

2016

KIGALI AMENDMENT TO MONTREAL PROTOCOL

Reduce global warming by transitioning to refrigerants with lower global warming potential (GWP)



2025

EPA Deadline

Must produce WSHP products with low GWP refrigerant



2028

EPA Deadline

Must stock EPA deadline for stocking distributors to sell packaged 410A products



2020

US AIM Act

By law, manufacturers must transition to refrigerants with a GWP of lower than 700 (R-410A = 2,088 GWP)



2026

EPA Deadline

Must stock distributors to sell split 410A products



Water source heat pumps offer a path to sustainability in future HVAC designs

Engineers & architects need a partner who is ready

ClimateMaster is ready TODAY to provide performance data, drawings, & pricing on select R454B WSHP units



WE'VE GOT THIS



R-454B Transition Launch Timeline

Commercial - R-454B Transition Timeline

454B Transition Complete
Apr 8

Low GWP Transition

2024

2025

2026

Q1

Q2

Q3

Q4

Q1

Q2

Q3

Q4

Q1

Q2

Packaged

SC/SR*/SY/SZ-Sizes 24-60

SE-Sizes 24-72

SC/SR*-Sizes 06-18

SB*-Sizes 72-300

SE-Sizes 06-18

SL-Sizes 06-15

Vertical Stack

SM-Sizes 6-36* - New Construction

SH-Sizes 9-36 - Replacement Chassis

Console

SD-Sizes 09-18

RTU




ST-Sizes 36-240

Water to Water

SW-Sizes 36-120

SW-Sizes 170-340



-  Performance selections, technical literature, quoting, & ordering available
-  Finalized catalog data & AHRI certificates
-  First shipments

*Select options not shown

Residential – R-454B Transition Timeline

 Low GWP Transition

2024

2025

Q3

Q4

Q1

Q2


Q3

Q4

Packaged

 SZ - Sizes 24-60

 SE- Sizes 24-72


 SE - Sizes 06-18

SV - Sizes 36 & 48

Split

 SJ/SP/SA/SK - Sizes 26-64

Water to Water

 SW - Sizes 36-120



 R-454B Product Available

Launching R-454B Products!

- SC/SR – Single Stage Sizes 24-60
- SY/SZ – Two Stage Sizes 24-60
- Footprints match 410A products!*
- Avg. 5% increase in EER & less than 1% capacity difference vs 410A at Water Loop conditions
- Available for performance selections & ordering now!



R-410A Product Name	R-454B Product Name
TC	SC
TR	SR
TY	SY
TZ	SZ

YOUR PRESENTER TODAY

CALEB FOX

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