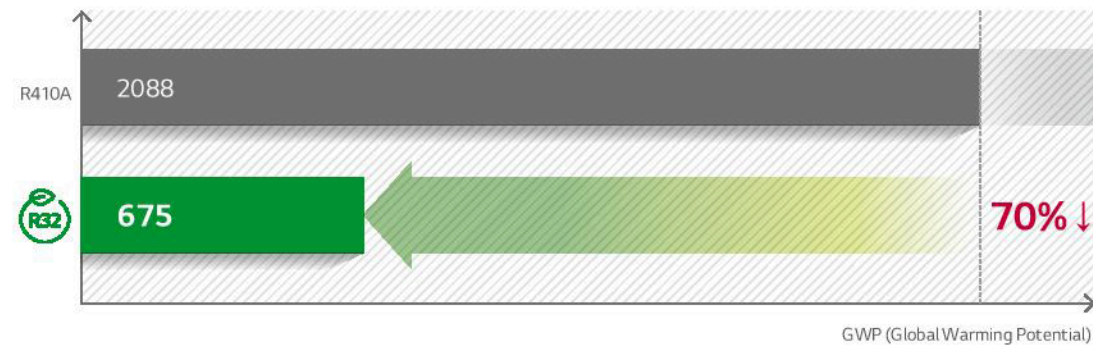


GET TO KNOW LG THERMA V R32 SPLIT



Compliant with the New, Eco-Conscious R32 Refrigerant

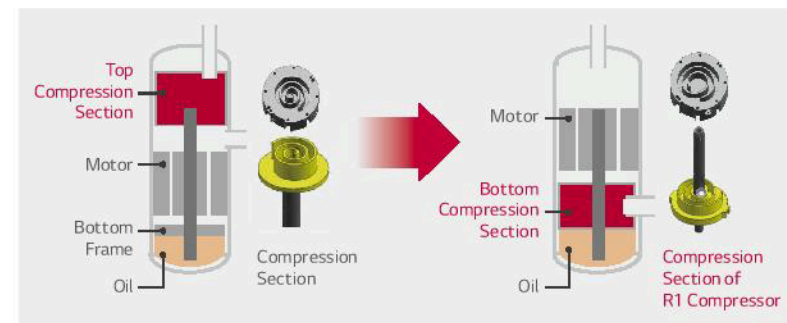
By taking advantage of R32 refrigerant's low GWP, LG R32 Therma V Split is the perfect way to make your home more eco-conscious and regulation compliant.



R1 Compressor™ LG's Revolutionary Technology

R1 Compressor™ is the world's first "shaft-through" hybrid scroll-shaped compressor. Taking the best elements of scroll- and rotary-type compressors, the R1 offers unrivaled performance and efficiency and allows for a marked improvement in operational range. LG's innovative technology eliminates the tilting motion of the scroll, minimizing energy waste and increasing overall reliability.

Conventional Scroll Compressor vs. R1 Compressor

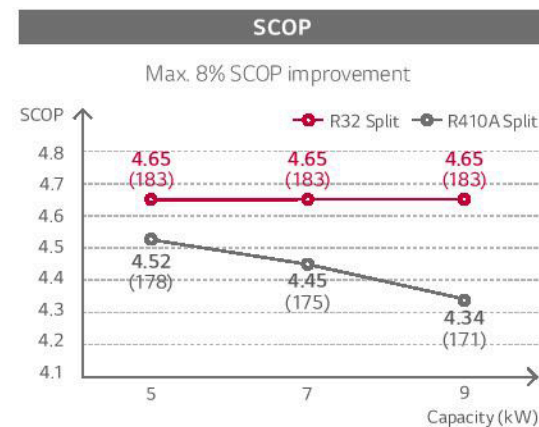


- Scroll compressor with simple structure.
- High efficiency. (Low load at low speed / Total efficiency)
- Low noise. (High speed possible)
- Improved tilting motion of scroll.
- 20% weight reduction. (vs. Conventional compressor)

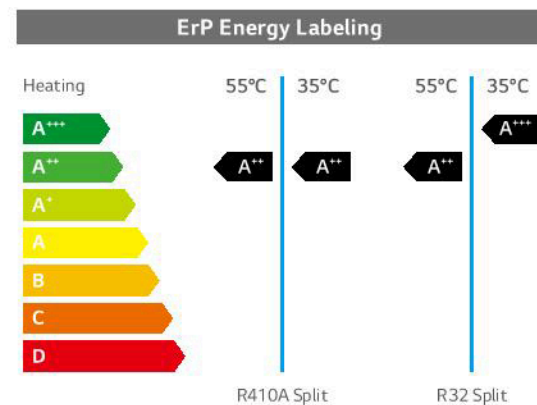


Achieves EU Regulation Compliant A+++ Label

Combining the R1 Compressor with R32 refrigerant, this product boasts a 4.65 Seasonal Coefficient of Performance (SCOP) in heating operation and an Energy-related Product (ErP) of A+++ (dependent on a leaving water temperature of 35°C)



* Test Condition
Test procedure follows EN14825 (Low temp. average). Based on the single phase model line up.

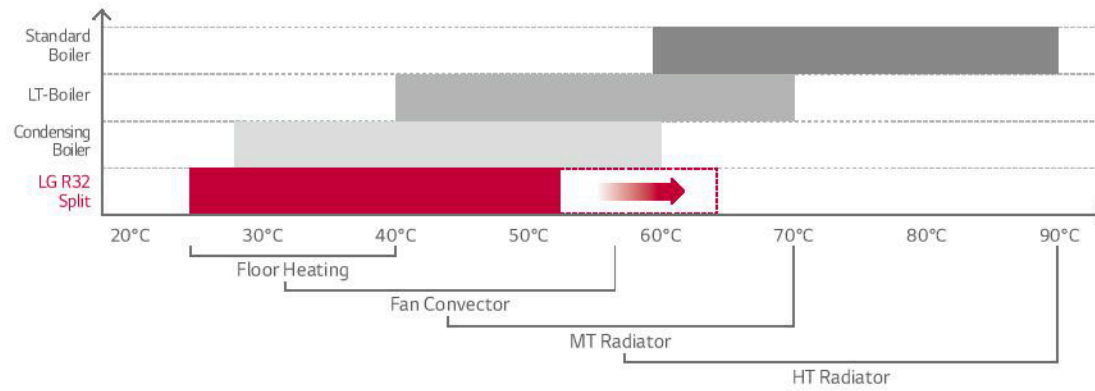


* A+++ label is available from 26. Sep. 2019 and should be considered as A++ label until that time.



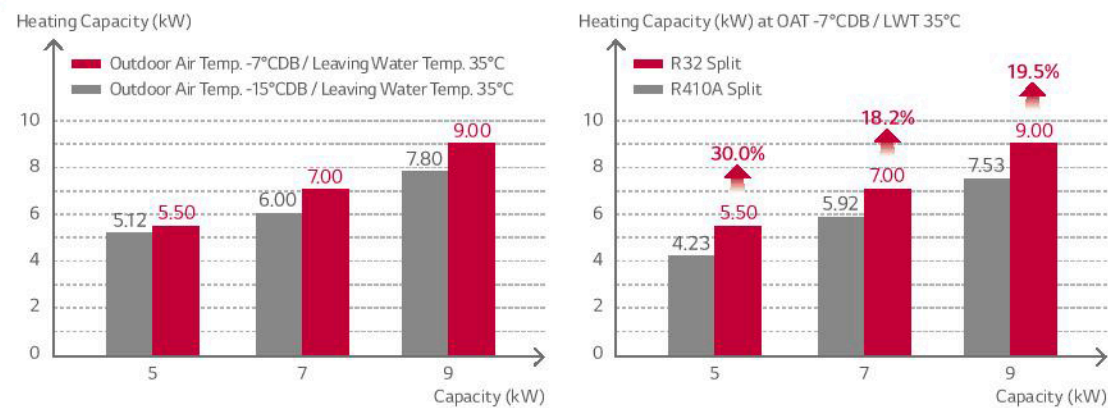
65°C Leaving Water Temperature

By using R32 refrigerant and the R1 Compressor, the LG Therma V R32 Split can produce a Leaving Water Temperature of up to 65°C. It can be used to replace a mid-temperature radiator in a home refurbishment as well as in a new home development.



Excellent Performance Especially at Low Ambient Temperature

The heating capacity of the R32 Split at a low ambient temperature is 18% more efficient than the R410A Split.



New Stylish Remote Controller

LG's new remote controller is optimized to operate the LG Therma V R32 Split with simple functionality that anyone can use.

User-Friendly Interface

- Simple information display.
- Easy-to-use navigation.

Easy-to-Read Energy Information

- Instant view of power consumption against target.
- Power and energy consumption data weekly, monthly, or annually.

Premium Design

- New modern 4.3 inch color LCD display.
- Simple touch buttons. (On/Off and more)

Convenient Functions

- Programmable settings to optimize use.
- Customize your unit's On/Off schedule, operation mode, target temperature and more.
- Easy installation setting.



SmartThinQ™

Thanks to a LG Wi-Fi Modem and LG's smartphone app, SmartThinQ™, users can monitor and remotely control compatible LG products, and access the vast majority of functions available on the Therma V R32 Split's controller. Via the app, it's simple to set the perfect temperature from any location and return to a blissfully warm indoor environment.



Mandatory accessory:
PWFMD200 (LG Wi-Fi Modem)
PWYREW000 (10m extension connect cable in between THERMA V indoor and LG Wi-Fi Modem)
could be required depends on installation condition.

* Search "LG SmartThinQ" on Google market or App store, then download the app.

LINE UP

Therma V Full Line up

Model	Water Temperature (C/H)	Refrigerant	Power	Capacity (kW)					
				5	7	9	12	14	16
Therma V Monobloc	5°C / 65°C	R32	10 230V	5.5 (5.5)	7.0 (7.0)	9.0 (9.0)	12.0 (12.0)	14.0 (14.0)	16.0 (16.0)
			30 400V			12.0 (12.0)	14.0 (14.0)	16.0 (16.0)	
Therma V Split	5°C / 65°C	R32	10 230V	5.5 (5.5)	7.0 (7.0)	9.0 (9.0)			
			Hydro Box Type				10.4 (12.0)	12.0 (14.0)	13.0 (16.0)
	5°C / 57°C	R410A	10 230V				10.4 (12.0)	12.0 (14.0)	13.0 (16.0)
			30 400V				10.4 (12.0)	12.0 (14.0)	13.0 (16.0)
7°C / 58°C	R410A	10 230V			9.0 (9.0)	10.4 (12.0)	11.0 (14.0)	12.0 (16.0)	
		30 400V				10.4 (12.0)	11.0 (14.0)	12.0 (16.0)	
Therma V High Temp	80°C	R410A + R134a	10 230V						16.0