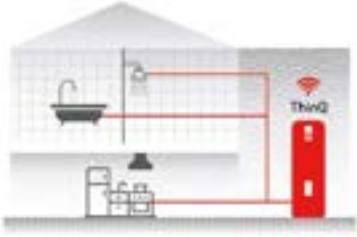
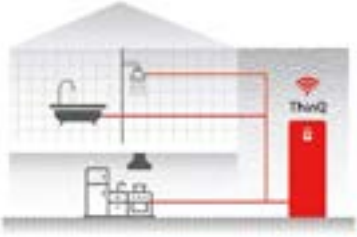


THERMA V™

SOLUTION OVERVIEW

Individual Solutions

Heat Pump Water Heater		
Line-up		 
		R290 Round Type R134a Square Type
Capacity		1 Ø: 100/150/200 ℓ 1 Ø: 200/270 ℓ
		 
Application		
Energy label		 A⁺ 100ℓ (profile M) 150/200ℓ (profile L)  A⁺ 200/270ℓ (profile L)
Certifications		 
Operation range	Air temperature (Heat pump)	-7 ~ 48°C -5 ~ 48°C
	Max. water temperature	up to 75°C up to 60°C
Compressor type		Constant speed rotary Inverter twin rotary
Heating element included		○ ○
F-gas license needed		X X
Wi-Fi remote control via ThinQ		○ ○

1) WH20S.F5 / WH27S.F5
2) WH20STR2.FA / WH27STR2.FA

Collective Solutions

Monobloc			Cascade		
Line-up		 R32 Monobloc 51 kW	Line-up		 Cascade Control Unit
Capacity		3 Ø: 51 kW 	Max. number of outdoor units that can be combined		8 Units ¹⁾ 
Application			Application		
Energy label		 A⁺⁺ 35°C A⁺⁺ 55°C	Compatible line-up		R290 Monobloc ²⁾
Certifications ¹⁾			Operation range ³⁾ (heating)	Outdoor air	-28 ~ 35°C
Operation range (heating)	Outdoor air	-25 ~ 35°C		Leaving water	15 ~ 70°C
	Leaving water	25 ~ 60°C (65°C ²⁾)	Operation range ³⁾ (cooling)	Outdoor air	5 ~ 48°C
Operation range (cooling)	Outdoor air	10 ~ 48°C		Leaving water	5 ~ 27°C
	Leaving water	5 ~ 27°C	Operation range (hot water)		15 ~ 65°C ^{3) 4)}
Operation range (hot water)		25 ~ 55°C ³⁾	Indoor unit is needed separately from Cascade control unit		X
Domestic hot water tank included		X	Wi-Fi remote control via ThinQ ⁵⁾		○
Backup heater included		X			
F-gas license needed		X			
Wi-Fi remote control via ThinQ ⁴⁾		○			

1) The other certifications for R32 Monobloc 51 kW are under progress.
2) The leaving water temperature of 65°C is possible only when a backup heater is installed.
3) With electric boost heater up to 80°C possible
4) Wi-Fi modem (PWFMD200) should be purchased and installed separately.

1) All units connected to Cascade Control Unit must be configured with models of the same capacity.
2) Only R290 Monobloc outdoor units manufactured after June of 2025 are compatible with cascade control unit.
3) When combined to R290 Monobloc
4) With electric boost heater up to 80°C possible
5) Wi-Fi modem (PWFMD200) should be purchased and installed separately.