

2014 LINE-UP

Monobloc Type				
kW	3	5	7	9
1ø	 HM031M.U42	 HM051M.U42	 HM071M.U42	 HM091M.U42

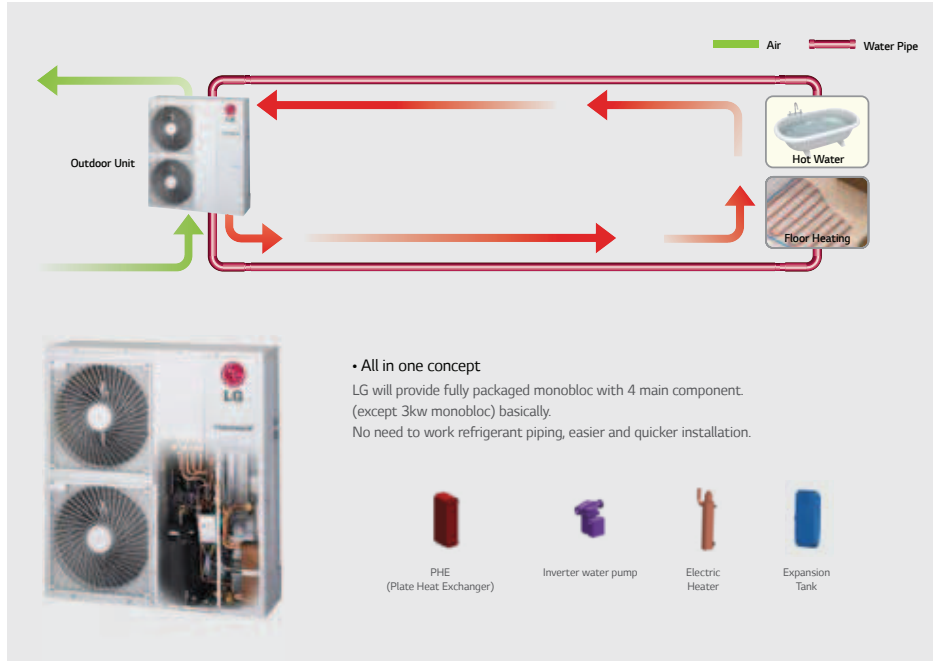
Monobloc Type			
kW	12	14	16
1ø	 HM121M.U32	 HM141M.U32	 HM161M.U32
3ø	 HM123M.U32	 HM143M.U32	 HM163M.U32

Split Type Outdoor Unit				
kW	9	12	14	16
1ø	 HU091.U41	 HU121.U31	 HU141.U31	 HU161.U31
3ø		 HU123.U31	 HU143.U31	 HU163.U31

Split Type Indoor Unit	
1ø	 HN0914. NK1 HN0916. NK1 HN1616. NK1
3ø	 HN0926. NK1 HN0936. NK1 HN1626. NK1 HN1636. NK1 HN1629. NK1 HN1639. NK1

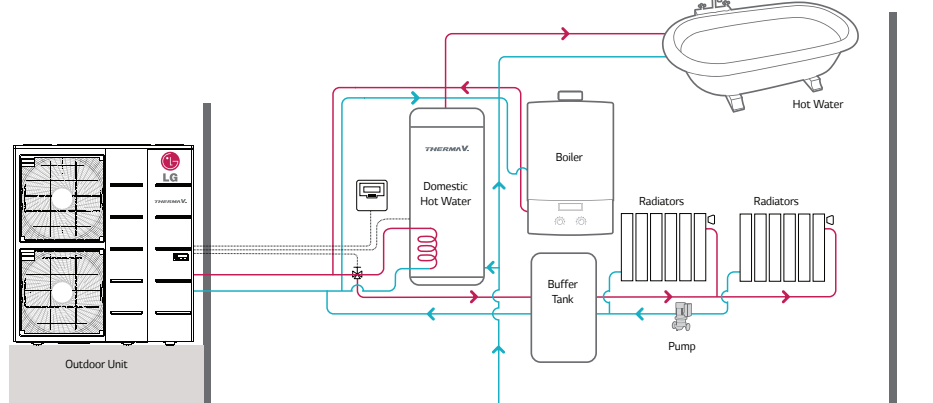
VARIOUS TYPE OF THERMA V

Monobloc Type

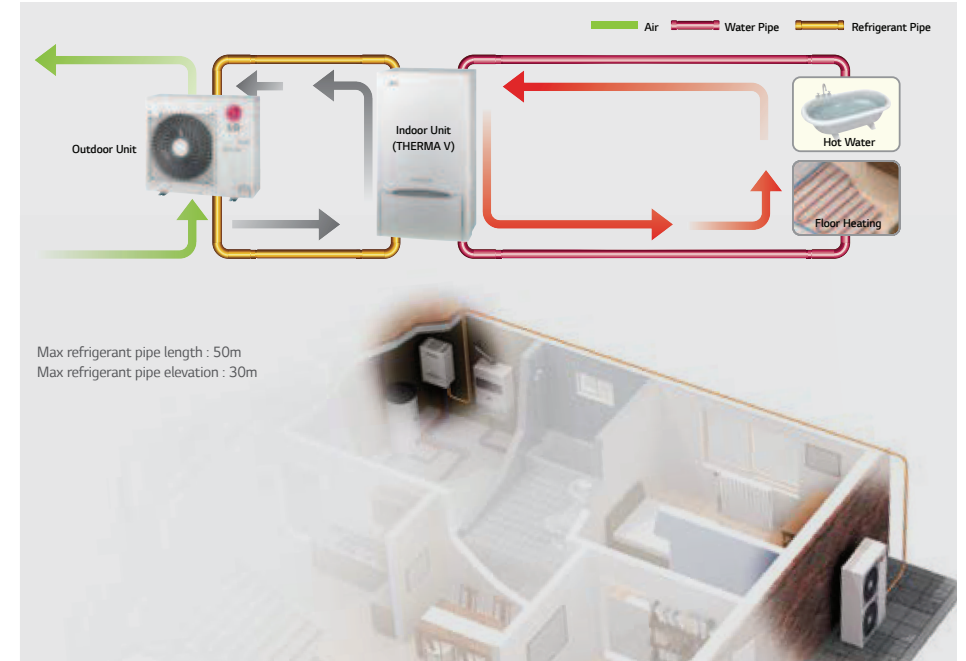


Monobloc

MONOBLOC + DOMESTIC HOT WATER + BOILER + RADIATORS + HOT WATER

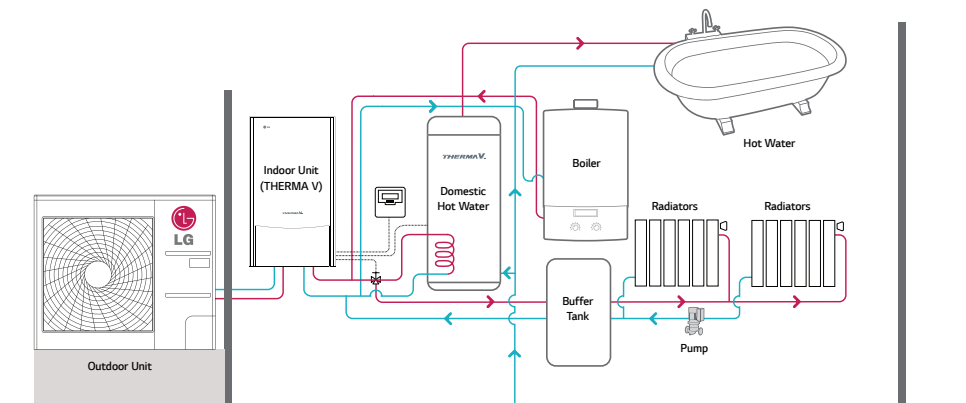


Split Type



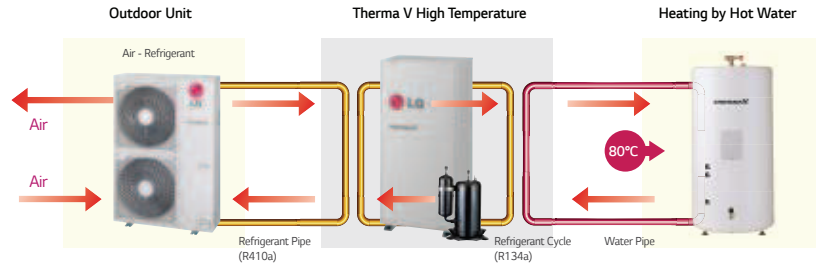
Split

SPLIT + DOMESTIC HOT WATER + BOILER + RADIATORS + HOT WATER



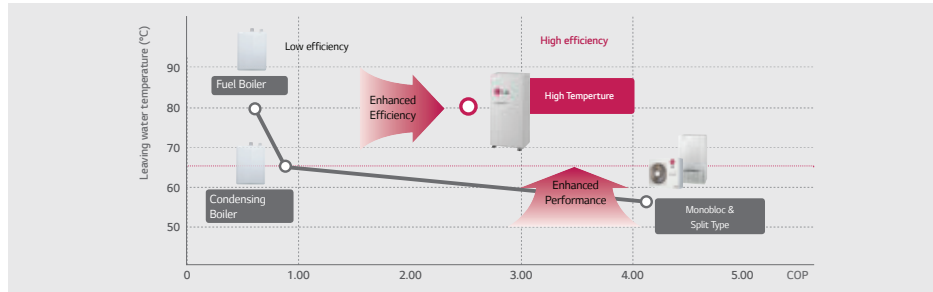
THERMA V HIGH TEMPERATURE

Cycle Diagram



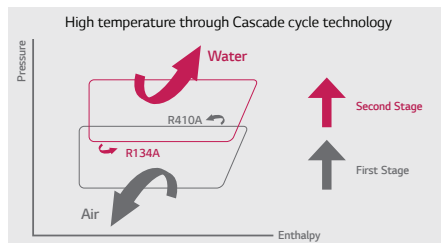
Enhanced Efficiency & Performance

Therma V high temp. can produce Max. 80°C hot water with 3 times higher efficiency compare to fuel boiler



Cascade 2 Stage Compression Technology

Max. 80°C hot water can be generated through Cascade R410A to R134A BLDC compressor technology and applicable for existing old boiler heating system which demands hot water supply.



Quick Defrosting

Through R134A compressor controlling technology, necessary time for defrost operation has been minimized effectively. (LG Patent)

Time	2 min.	4 min.	6 min.	8 min.
Standard Defrosting				
Hybrid Defrosting				

HIGH TEMPERATURE TYPE (1Ø 220V~240V)



Split	Unit	HN161H.U32
Outdoor Unit		
Power Supply	Ø / V / Hz	1/220-240/50
Capacity	Heating	kw
	Cooling	kw
Power Input	Heating	kw
	Cooling	kw
COP	Heating	W/W
EER	Cooling	W/W
Sound Pressure Level	Heating	dB(A)
	Cooling	dB(A)
Sound Power Level	Heating	dB(A)
Operation Range	Heating(Outdoor Temperature)	°C DB
(Min.-Max.)	Domestic Hot water	°C DB
Dimensions	Unit(W x H x D)	mm
Weight	Unit	kg
Compressor	Type	-
Refrigerant	Type	-
	Minimum	m
Piping Length	Standard	m
	Maximum	m
Piping Level Difference	Maximum	m

Split	Unit	HN1610H.NK2
Indoor Unit		
Power Supply	Ø / V / Hz	1/220-240/50
Dimensions	Unit(W x H x D)	mm
Weight	Unit	kg
Compressor	Type	-
Refrigerant	Type	-
Heat Exchanger	Type	-
Sound Pressure Level	Heating	dB(A)

Note:
 1. Capacities and power inputs are based on the following conditions:
 - Heating Condition: Inlet / Outlet Water Temperature 55°C / 65°C, Outdoor Air Temperature 7°C DB / 6°C WB
 - Piping Length: Interconnected Pipe Length = 7.5m
 - Difference Limits of Elevation (Outdoor - Indoor Unit) is Zero.
 2. The specification may be subject to change without prior notice for purpose of improvement.