

Saving Costs with Highly Energy Efficient Solution

HYDRO KIT

LG Hydro Kit provides floor heating & hot water supply for a warm indoor environment that will have you feeling extra comfortable.

It also allows a highly efficient energy solution when used with MULTI V.



Energy Saving



Cost Saving



Easy Installation



WHY LG HYDRO KIT



Features & Benefits

- Lower operation cost compared to fossil fuel-based systems such as boilers.
- More energy saving through MULTI V Heat Recovery System.

Key Applications

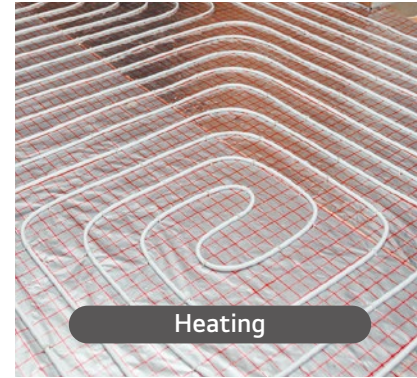
- Where Hot Water is needed such as domestic Hot Water, underfloor heating, or radiator. Where cold water is needed such as fan coil unit and chilled beam.



Hot Water

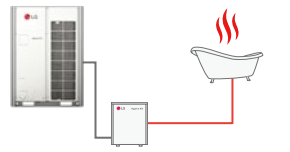


Cooling

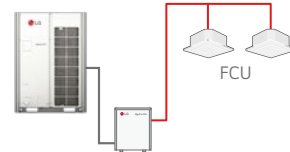


Heating

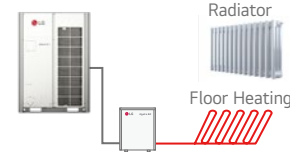
Hot Water



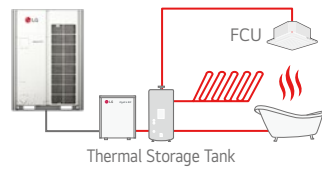
Fan Coil Unit Heating / Cooling



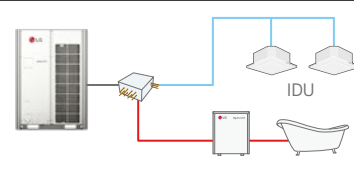
Radiant Heating / Cooling



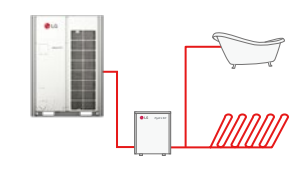
Combination



Thermal Storage System



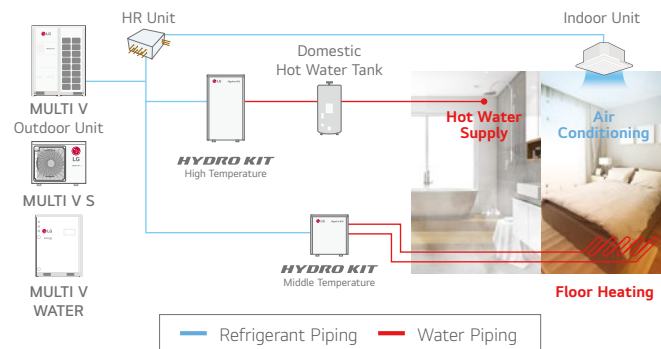
HR Unit (Cooling & Hot Water)



Hot Water + Underfloor Heating

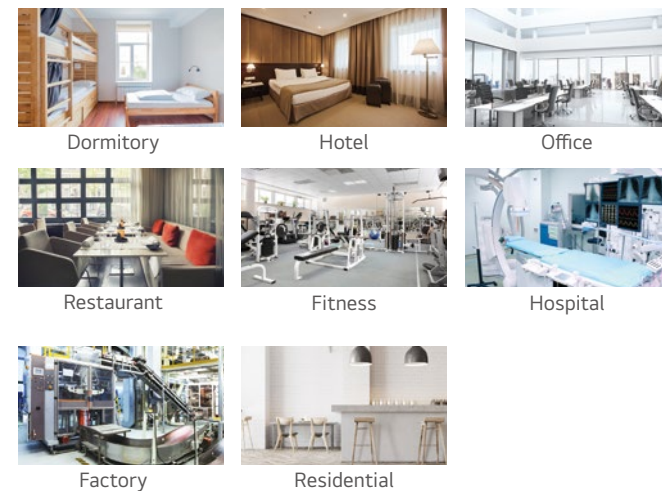
Total Solution

Total solution provided with heat pump, air conditioning (cooling by refrigerant and cold water / heating by refrigerant hot water) and domestic hot water supply.



Various Applications

Applicable to a variety of facilities including hospitals, residences and resorts that need heating and domestic hot water supply.



Specifications

Model	Unit	ARNH18GK1A4	ARNH24GK1A4	ARNH30GK1A4
Cooling Capacity	kW	5.6	7.1	9.0
Heating Capacity	kW	5.6	7.1	9.0
Power Input	Nominal W	75	75	75
Exterior Color	-	Noble White	Noble White	Noble White
RAL Code	-	RAL 9016	RAL 9016	RAL 9016
Dimensions (W x H x D)	Body	mm	490 x 850 x 315	490 x 850 x 315
	Shipping	mm	1,082 x 563 x 375	1,082 x 563 x 375
Pipe Connections	Liquid Side	mm (inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
	Gas Side	mm (inch)	Ø 15.88 (5/8)	Ø 19.05 (3/4)
	Drain Pipe (Internal Dia.)	A (inch)	25 A (Male PT1)	25 A (Male PT1)
Water Pipe Connections	Inlet	A (inch)	25 A (Male PT1)	25 A (Male PT1)
	Outlet	A (inch)	25 A (Male PT1)	25 A (Male PT1)
Weight	Body	kg	42.0	42.0
Sound Pressure Level	Heating	dB (A)	35	35
Power Supply	Ø, V, Hz	1, 220 - 240, 50	1, 220 - 240, 50	1, 220 - 240, 50
Communication Cable	mm ² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C

Model	Unit	ARNH04GK2A4	ARNH10GK2A4
Cooling Capacity	kW	12.3	28.0
Heating Capacity	kW	13.8	31.5
Power Input	Nominal W	10	10
Exterior Color	-	Morning Gray	Morning Gray
RAL Code	-	RAL 7030	RAL 7030
Dimensions (W x H x D)	Body	mm	520 x 631 x 330
	Shipping	mm	677 x 687 x 418
Pipe Connections	Liquid Side	mm (inch)	Ø 9.52 (3/8)
	Gas Side	mm (inch)	Ø 15.88 (5/8)
	Drain Pipe (Internal Dia.)	A (inch)	25 A (Male PT1)
Water Pipe Connections	Inlet	A (inch)	25 A (Male PT1)
	Outlet	A (inch)	25 A (Male PT1)
Weight	Body	kg	29.2
Sound Pressure Level	Heating	dB (A)	26
Power Supply	Ø, V, Hz	1, 220 - 240, 50	1, 220 - 240, 50
Communication Cable	mm ² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C

Model	Unit	ARNH04GK3A4	ARNH08GK3A4	ARNH04LK3A4	ARNH08LK3A4
Heating Capacity	kW	13.8	25.2	13.8	25.2
Power Input	Nominal W	2,300	5,000	2,300	5,000
Exterior Color	-	Morning Gray	Morning Gray	Morning Gray	Morning Gray
RAL Code	-	RAL 7030	RAL 7030	RAL 7030	RAL 7030
Dimensions (W x H x D)	Body	mm	520 x 1,074 x 330	520 x 1,074 x 330	520 x 1,074 x 330
	Shipping	mm	682 x 1,168 x 423	682 x 1,168 x 423	682 x 1,168 x 423
Pipe Connections	Liquid Side	mm (inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
	Gas Side	mm (inch)	Ø 15.88 (5/8)	Ø 19.05 (3/4)	Ø 15.88 (5/8)
	Drain Pipe (Internal Dia.)	A (inch)	25 A (Male PT1)	25 A (Male PT1)	25 A (Male PT1)
Water Pipe Connections	Inlet	A (inch)	25 A (Male PT1)	25 A (Male PT1)	25 A (Male PT1)
	Outlet	A (inch)	25 A (Male PT1)	25 A (Male PT1)	25 A (Male PT1)
Weight	Body	kg	86.0	90.0	84.0
Sound Pressure Level	Heating	dB (A)	44	46	44
Power Supply	Ø, V, Hz	1, 220 - 240, 50	1, 220 - 240, 50	3, 380 - 415, 50	3, 380 - 415, 50
Communication Cable	mm ² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C