

LKH

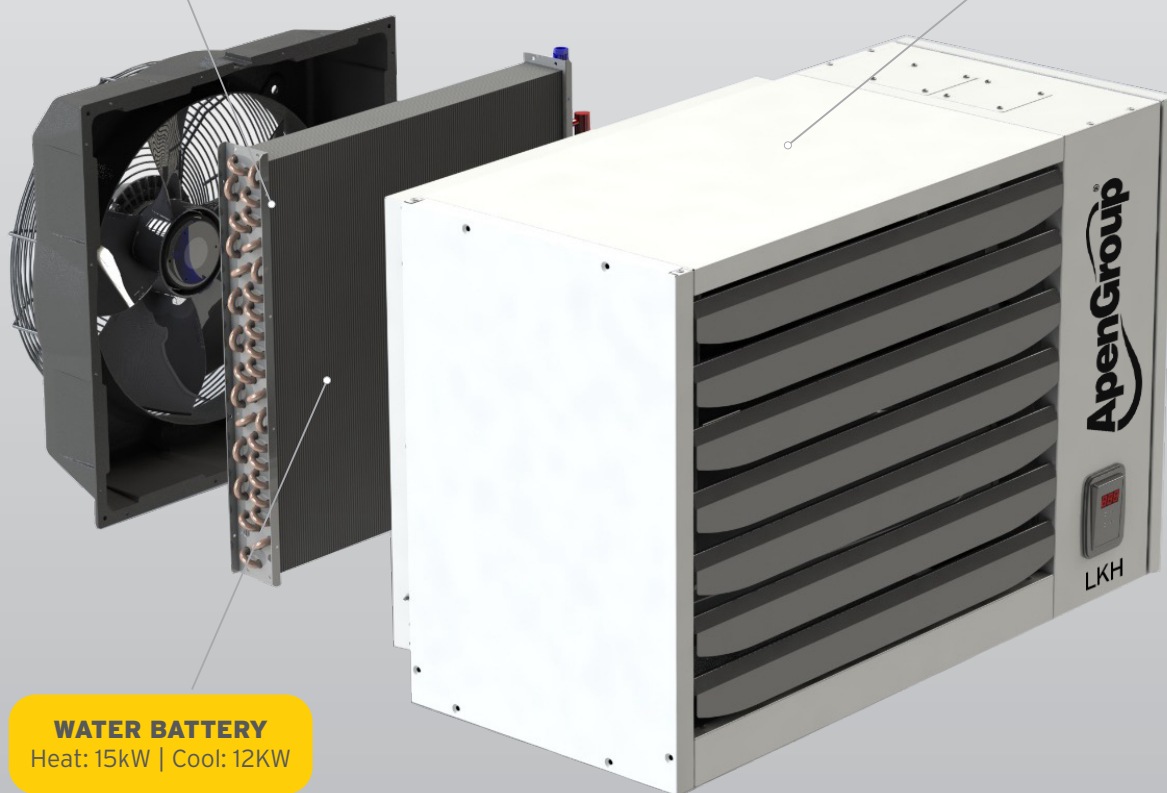
**HYBRID WARM
AIR HEATER**

**Sustainable Heating Solution
Made by Apen Group**



EC AXIAL FAN
4500 m³/h

**CONDENSING & MODULATING
GAS HEATER 30kW**



WATER BATTERY
Heat: 15kW | Cool: 12KW

**Perfect combination between gas and green energy to heat
(and cool thanks to heat pump):**

Industrial areas

Commercial area

Sporting hall

ApenGroup®
Heating and
Conditioning Solutions

LKH

HYBRID WARM AIR HEATER

GAS BURNER
30 KW (MAX POWER)

HEAT PUMP
15 KW (MAX POWER)

TOTAL 45 KW
(MAX HEATING POWER)

HEAT PUMP + CONDENSING WARM AIR HEATER

	Output Power [kW]	Water ΔT [°C]	Air ΔT [°C]	Water Flow [m³/h]	Water ΔP [kPa]	Air Flow [m³/h]
Heating	15+30 (45)	45/40	15	2,3	20	4500 @10V
Cooling	12	07/12	11	2,3	20	1500 @10V

CONDENSING WARM AIR HEATER

	Output Power [kW]	η	η Seasonal h [Reg.UE/2281/2016]	NOx (0% O ₂) [hi]	NOx (0% O ₂) [hs]
Nominal heat input (MAX)	29	96%	93,10%	47 mg/kWh	42 mg/kWh
Nominal heat input (MIN)	7,5	108%		26 ppm	24 ppm

HEAT PUMP

	Output Power [kW]	Water ΔT [°C]	Air ΔT [°C]	Water Flow [m³/h]	Water ΔP [kPa]
Heating	15	45/40	15	2,3	25
Cooling	12	07/12	11	2,3	25

CONTROL SYSTEM:

User-friendly SMART X
controls all Apen Group products

