Austria Email

HEATING HEAT PUMP

Split Heat Pump

LWP/K HP ECO

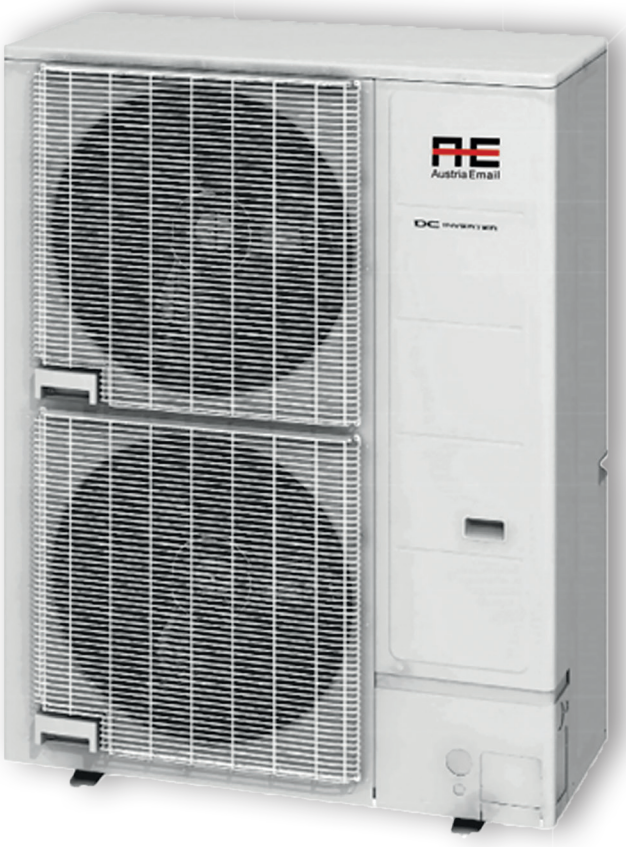
Subject to misprints and technical changes!

SPLIT LWP/K HP ECO

Austria Email heat pumps for heating give your household budget and the environment a sigh of relief. The Austria Email LWP/K HP ECO heat pumps for heating are specifically designed for renovation projects. Their advantage lies in their ability to extract heat from the ambient air and use it for space heating and hot water needs. This energy is available free of charge and in unlimited quantities.

OUTDOOR UNIT + INDOOR UNIT HEATING			
Type	Article no.	Energy efficiency class	
		35°C	55°C
LWP HP ECO 15 kW	A62401	A++	A++
LWP HP ECO 17 kW	A62402	A++	A++
OUTDOOR UNIT + INDOOR UNIT WITH INTEGRATED HOT WATER TANK (190 L)			
LWPK HP ECO 15 kW	A62801	A++	A++
LWPK HP ECO 17 kW	A62802	A++	A++

15-51 KW HEATING OUTPUT *



- ✓ Specially designed for renovations
- ✓ Heating/cooling/hot water - "All in one" with an Austria Email LWP HP ECO air-source heat pump
- ✓ The innovative, patented and service-friendly coaxial heat exchanger guarantees sustainable operation, especially in renovations
- ✓ Smart Grid compatible - use of self-generated solar power is possible
- ✓ High living comfort thanks to Silent Mode inverter control
- ✓ Low installation costs
- ✓ User-friendly interface
- ✓ Highly efficient circulation pump
- ✓ Dual-mode operation: oil, gas, solar, biomass

* by cascading

LWP HP ECO
Technical data

	Unit	LWP HP ECO 15	LWP HP ECO 17
Heating performance data			
Performance range	kW	6,7 - 15	6,8 - 17
A-7/W35	kW	15,4	16,0
Performance number COPd		2,9	2,8
A+2/W35	kW	9,4	9,7
Performance number COPd		4,19	4,1
A+7/W35	kW	6,7	6,8
Performance number COPd		5,13	5,01
Refrigerant		R410A	
Indoor unit hot water 190 L			
Sound pressure level*		37	
Dimensions WxDxH	mm	842 x 448 x 477	
Weight of indoor unit (empty / with water)	kg	53 / 75	
Heat exchanger capacity	l	24	
Expansion vessel	l	10	
Max. flow temperature heating water	°C	60	
min. flow at 4 °K<dT< 8 °K	l/h	1612/3225	1827/3655
Voltage	V	400 V / 50Hz	
Standby power consumption	kW	0,05	
Tripping characteristic / current		3xC20	
Power heating resistance heating	kW	9	
Cross section of power cable		5x2,5	
Ø Inlet-outlet heating water	inch	1 AG	
Outside temperature min / max	°C	-25 / +35	
Outdoor unit			
Sound pressure level*	dB(A)	45	
Dimensions WxDxH	mm	1428 x 1080 x 515	
Operating weight	kg	138	
Ø Hot gas line	inch	5/8	
Ø Fluid line	inch	3/8	
Refrigerant charge quantity	g	3800	
Refrigerant piping min / max	m	5/30	
Max. height difference	m	15	
Maximum current of the device	A	14	
Nominal current consumption	A	6,4	
Triggering characteristic / current	A	3xC20	
Connection cable cross-section	mm^2	5x2,5	
Internal connection cable cross-section	mm^2	4x1,5	

* 1m from device, 1.5m from floor ** 5m from device, 1.5m from floor, orientation Q2

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SPLIT LWP/K HP ECO

2 MODELS 15 AND 17 kW

- **Flow temperature up to 60 °C**
- **Outdoor temperature down to - 25 °C**
- **Radiator and underfloor heating**
- **Monoenergetic operation mode**
- **Highly efficient split design**
- **Heating and cooling operation**
- **Silent mode**
- **Especially for more performance**

OUTDOOR UNIT

- Refrigerant R 410A
- Twin rotary piston compressor
- Intermediate circuit injection
- Full inverter control
- 400 V version

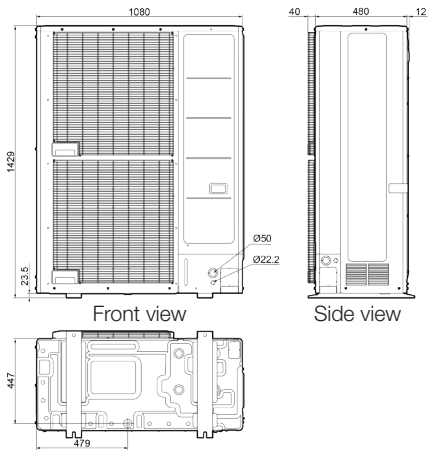
INDOOR UNIT

- Patented coaxial heat exchanger
- High-efficiency circulation pump
- Outdoor temperature-controlled regulation
- Safety features: Expansion tank, pressure relief valve, pressure gauge
- Includes backup heater
- Various combination options

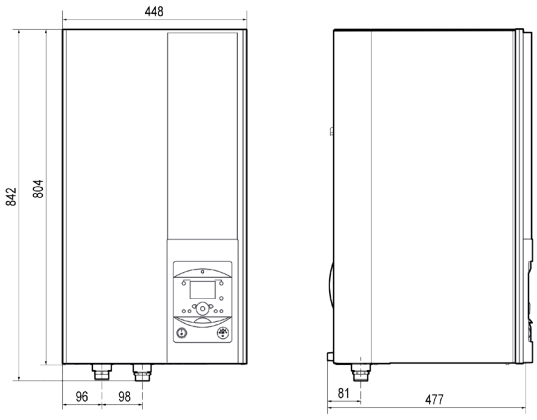
SG Ready

CEN heat pump KEYMARK

OUTDOOR UNIT



INDOOR UNIT



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Technical data

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Heating performance data			
Performance range	kW	6,7 - 15	6,8 - 17
A-7/W35	kW	15,4	16,0
Performance number COPd		2,9	2,8
A+2/W35	kW	9,4	9,7
Performance number COPd		4,19	4,1
A+7/W35	kW	6,7	6,8
Performance number COPd		5,13	5,01
Refrigerant		R410A	
Indoor unit hot water 190 L			
Sound pressure level*		37	
Dimensions WxDxH	mm	1851 x 648 x 684	
Weight of indoor unit (empty / with water)	kg	167 / 390	
Heat exchanger capacity	l	24	
Expansion vessel	l	10	
Max. flow temperature heating water	°C	60	
Hot water tank capacity	l	190	
Hot water tank material		Enamelled steel	
min. flow at 4 °K<dT< 8 °K	l/h	1612/3225	1827/3655
Voltage	V	400 V / 50Hz	
Standby power consumption	kW	0,05	
Tripping characteristic / current		3xC20	
Power heating resistance heating	kW	9	
Power heating resistor hot water	kW	1,5	
Cross section of power cable		5x2,5	
Ø Inlet-outlet heating water	inch	1 AG	
Outside temperature min / max	°C	-25 / +35	
Outdoor unit			
Sound pressure level*	dB(A)	45	
Dimensions WxDxH	mm	1428 x 1080 x 515	
Operating weight	kg	138	
Sound pressure level*	inch	5/8	
Dimensions WxDxH	inch	3/8	
Refrigerant filling quantity	g	3800	
Refrigerant piping min / max	m	5/30	
Max. height difference	m	15	
Maximum current of the device	A	14	
Nominal current consumption	A	6,4	
Tripping characteristic / current	A	3xC20	
Cross section of connection cable	mm^2	5x2,5	
Cross-section of internal connecting cable	mm^2	4x1,5	

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- **Flow temperature up to 60 °C**
- **Outdoor temperature down to -25 °C**
- **Monoenergetic operation mode**
- **Highly efficient split design**
- **Heating and cooling operation**
- **Silent mode**
- **Specifically for renovation**

OUTDOOR UNIT:

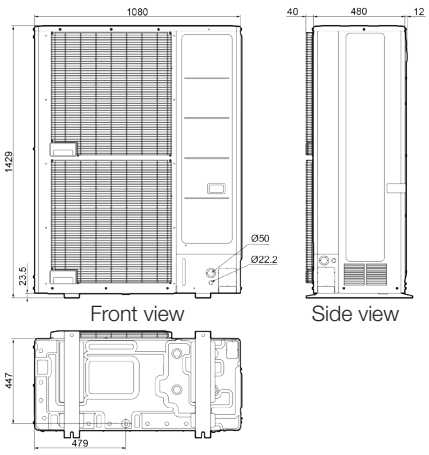
- Refrigerant R410A
- Twin rotary piston compressor
- Intermediate circuit injection
- Full inverter control
- 400 V version

INDOOR UNIT:

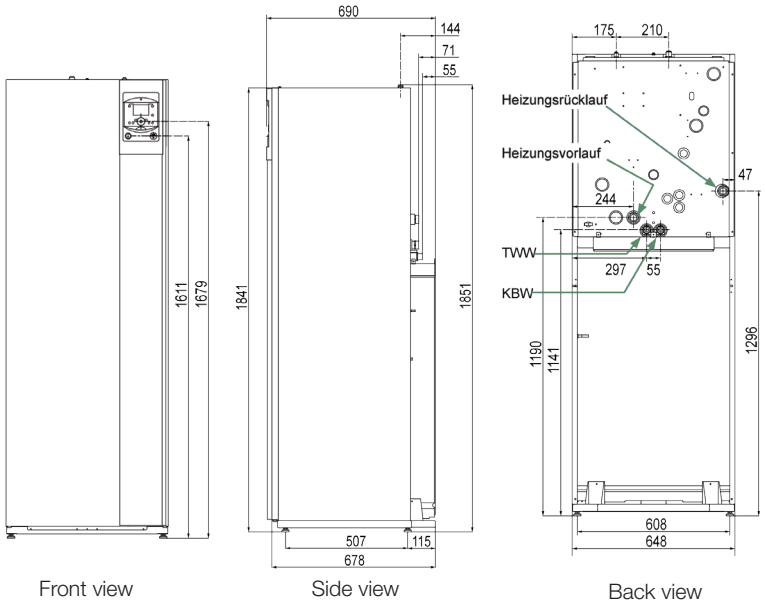
- With integrated 190-liter enameled hot water tank
- Including electric heating for peak coverage
- Patented enlarged coaxial heat exchanger
- High-efficiency circulation pump
- Outdoor temperature-controlled regulation
- Safety devices: expansion tank, pressure relief valve, pressure gauge
- Various combination options

CEN heat pump KEYMARK

OUTDOOR UNIT



INDOOR UNIT



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