

**WOLF**

For contractors and operators  
Domestic Hot Water Heat Pump FHS



Domestic hot water?  
With a heat pump of course!



# Domestic Hot Water Heat Pump FHS

The DHW Expert



# Domestic hot water heat pump FHS

The new Functionline domestic hot water heat pump is available in three new variants.

**High efficiency**, a wide application range and **compact dimensions** make the FHS a true DHW expert. For both **existing buildings and new builds** - whether **in a single family home or an apartment block**.



Direct link  
to the product.

FHS

# Six good reasons for choosing the domestic hot water heat pump FHS

06

/01



## Domestic hot water heat pumps for all situations

Whether modernising or building from scratch, detached house or apartment block, as part of a WOLF complete solution or as an individual appliance to supplement the existing heating system (biomass, oil, gas) – WOLF domestic hot water heat pumps are designed for an impressively wide range of applications.

/02



## Easy installation

All domestic hot water heat pumps are delivered fully wired (230 V). Practical, screw-in carry handles make transport easy.

/03



## Simple operation & quick configuration

Intuitive operation with rotary selector. All important functions can be set in a single main menu.

/04



### Flexible operating modes possible

Circulating, extract or outdoor air operation can be implemented, depending on the model. Familiar CWL accessories, such as ISO pipes, are used for guiding the air.

/05



### Reliable & hygienic DHW heating

With the practical, individually configurable pasteurisation function, the FHS remains perfectly hygienic all year round. A 2 kW immersion heater is standard on every appliance to ensure a sufficient heating reserve.

/06



### Optimise your energy consumption

Effectively use excess electricity for DHW heating. A two-wire cable is all it takes to connect to the inverter with PV output. This increases independence from the grid.

# Specifications

TYPE		FHS-180-S- 230V-E2-M2	FHS-280-S- 230V-E2-M2	FHS-280-HE- 230V-E2-M2
Energy efficiency class, DHW heating	-	A+	A+	A+
Cylinder capacity	l	166	270	258
Max. cylinder temperature	°C	65	65	65
Operating temperature range	°C	+5 to +35	-10 to +35	-10 to +35
DHW output	-	650 l / 24 h	950 l / 24 h	950 l / 24 h
Heat exchanger present	-	No	No	Yes
Heat exchanger area	m <sup>2</sup>	-	-	0.9
Tapping profile	-	L	XL	XL
HxWxD / ø x height	mm	1576×540×575 / -	- / 707×1768	- / 707×1768
Height when tilted	mm	-	2100 (=minimum room height)	2100 (=minimum room height)
Outside / circulating / extract air operation possible	-	no / yes / yes	yes / yes / yes	yes / yes / yes
Weight	kg	70	130	153
Cold water connection	-	RG 3/4"	RG 1"	RG 1"
Heat exchanger return	-	n/a	n/a	RG 1"
Circulation	-	n/a	RG 3/4"	RG 3/4"
Heat exchanger flow	-	n/a	n/a	RG 1"
DHW connection	-	RG 3/4"	RG 1"	RG 1"
Condensate drain	-	RG 1/2"	RG 1/2"	RG 1/2"
Refrigerant type / charge weight	- / kg	R290 / 0.15	R134a / 1.1	R134a / 1.1
GWP / CO <sub>2</sub> equivalent	- / kg	3 / 0.45	1430 / 1573	1430 / 1573
Heat pump heating output	kW	1.1	1,4	1,4
Electric heating element heating output	kW	2	2	2
Total heating output	kW	3.1	3.4	3.4
COP (A20/W10-55)	-	3	3.7	3.7
Sound power level (ErP)	dB(A)	48	58	58
Max. power consumption (including immersion heater)	A	10.4	10.4	10.4
Max. heat pump power consumption	kW	0.4	0.4	0.4
Air flow rate (min. to max.)	m <sup>3</sup> /h	150 - 300	200 - 300	200 - 300
Air ducts (supply and extract air)	mm	ø160	ø 160	ø 160

We provide no guarantee as to the correctness of the information supplied.

# Our expert advisers are more than happy to help:

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**If you have any questions about this brochure,  
please contact us at [feedback@wolf.eu](mailto:feedback@wolf.eu)**



**We look forward to  
hearing from you.**

Subject to technical modifications. Please note that only the WOLF product is shown in the images of the product. You will usually need incoming and outgoing lines which are connected to the WOLF product from the outside.

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# **WOLF**

**Perfectly in tune with you.**

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