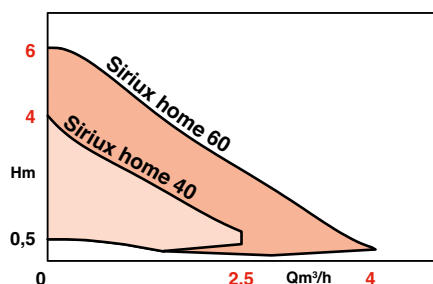


OPERATING RANGE

Flow rate of up to	4 m ³ /h
Manometric head of up to	6 m
Max. operating pressure	10 bar
Min. intake pressure	0,3 bar at 95°C
Water temperature range	+2 at +110°C*
EEl-Part 2	≤0,20

* for a max. ambient temperature of 40°C

The reference criterion for the most efficient circulating pumps is EEl ≤ 0.20



BENEFITS

• ENERGY SAVINGS

Circulating pump conforms to the ErP 2013 and 2015 European directive.

Min. consumption: 3 Watt.

Current and cumulative display of electricity consumption of the circulating pump.

"Fine pilot" function for dynamic optimisation of the setpoint value.

• VERSATILITY

Precise setting of differential pressure (TDH - Total Dynamic Head) for optimal energy savings.

2 regulation modes meet the needs of all types of systems.

Ventilating function.

Night mode.

Automatic degumming.

• COMFORT

Eliminates whistling and noise around thermostatically controlled valves.

Automatically adapts its speed to the needs of the heating system.

• INSTALLATION AND ADJUSTMENT

Simple and intuitive setting interface.

Salmson tool-free connector.

Compact size .

SIRIUX HOME

High-efficiency circulating pumps Heating 50 Hz

APPLICATIONS

For the accelerated circulation of hot water in heating circuits with duty point optimisation for:

• New or old systems (reconditioning – extension)

• Systems with or without thermostatically controlled valves

• Single-family houses

• Radiators and underfloor heating systems

• Thermosiphon-type systems



• Sirlux Home available in 180 mm and 130 mm port-to-port distances



• Salmson connector

SIRIUX HOME

DESIGN

• Hydraulic part

-Single housing with threaded ports for direct fitting onto pipework.

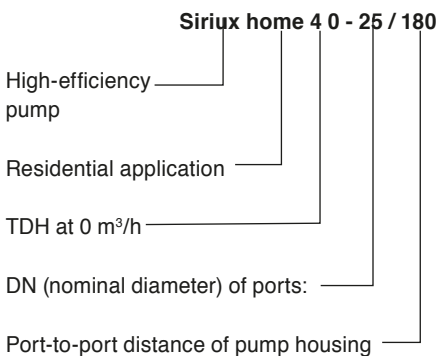
• Motor

- Single-phase, wet runner, with bearings lubricated by pump fluid.
- Self-regulating, adapts to the pressure required by the system.
- Self-protected: requires no external protection.
- Synchronous motor with ECM (Electronically Commuted Motor) technology, equipped with a permanent magnet rotor. The magnetic field rotating around the stator is created by the electronic commutation of the coils.

This rotating field creates a continuous torque due to the attraction of the opposing magnetic poles of the rotor, by controlling its position (synchronous motor). This ensures optimal motor performance, regardless of its speed.

Protection class:	IPX4D
Max. temperature of the fluid conveyed:	TF 110
ECM conformity:	- 61000-6-1 - 61000-6-2 - 61000-6-3 - 61000-6-4

IDENTIFICATION



BASIC CONSTRUCTION

Main parts	Material
Pump housing	Cast iron
Impeller	Mat. Composite
Shaft-air gap sleeve	Stainless steel
Suction ring	Stainless steel
Bearings	Graphite
Seal	Ethylene-propylene

BENEFITS

• Energy savings:

- High-efficiency circulating pumps, with duty point optimisation.
- Energy savings of up to 90% compared to a traditional circulating pump.
- Conforms to European Directive: ErP 2013 and ErP 2015.

• Communication interface

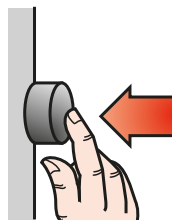
- Facilitates settings thanks to its intuitive icons
- Allows for the visualisation of all settings made at a glance
- Makes users aware of energy savings.

• Simple and intuitive settings

- Turn to select an icon or adjust a parameter.



- Press to select a menu or confirm a setting.



• Noise control

- Eliminates whistling and hydraulic noise around thermostatically controlled valves.
- The circulating pump's characteristics are automatically adjusted according to the opening and closing of the thermostatically controlled valves.



• Salmson connector

- Quick and **tool-free** electrical connections.
- Clear **separation of hydraulic and electrical connections** for improved safety.



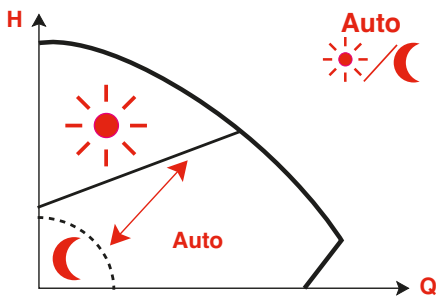
SETTINGS

Manometric head setting

2 available sizes of motor:

- **Siriox home 40-****
- TDH: 0.5 m to 4m
- **Siriox home 60-****
- TDH: 0.5m to 6m

Automatic slower night mode:



Function activated

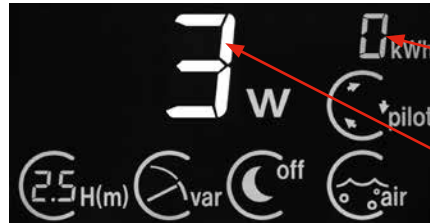


Function not activated

Thanks to its temperature sensor, Siriox Home can detect when the boiler is operating in "night" mode.

When Siriox Home detects a significant drop in water temperature, it automatically switches over to its "night" curve to avoid any unnecessary power consumption.

As soon as it detects a temperature rise, Siriox Home switches back to its preset operating curve.



Electricity consumption

- Cumulative electricity consumption of Siriox Home since first use
- Current electrical consumption of Siriox Home

Regulation function:



With this regulation mode, in the event of a drop in flow rate, the differential pressure (manometric head) is reduced electronically, according to the preset differential pressure setpoint value.

Recommended regulation mode for heating installations with thermostatically controlled valves



With this regulation mode, the electronic system keeps the differential pressure of the circulating pump at a constant level regardless of the flow rate, according to the preset pressure setpoint value.

Recommended for underfloor heating systems and Thermosiphon-type systems.

Venting function:



Function activated



Function not activated

First purpose:

When used for the first time, this function allows for the expulsion of air bubbles from the Siriox Home rotor chamber.

Secondary purpose:

This function also supports the venting of the heating system. When operating, it releases air bubbles trapped within the system and conveys them to the highest point in the system (deaerator).

The "venting" function operates for 10 minutes. A countdown is displayed in the upper, right-hand side of the screen. At the end of this ten-minute period, the pump automatically returns to the settings selected previously.

Fine pilot function:



Function activated



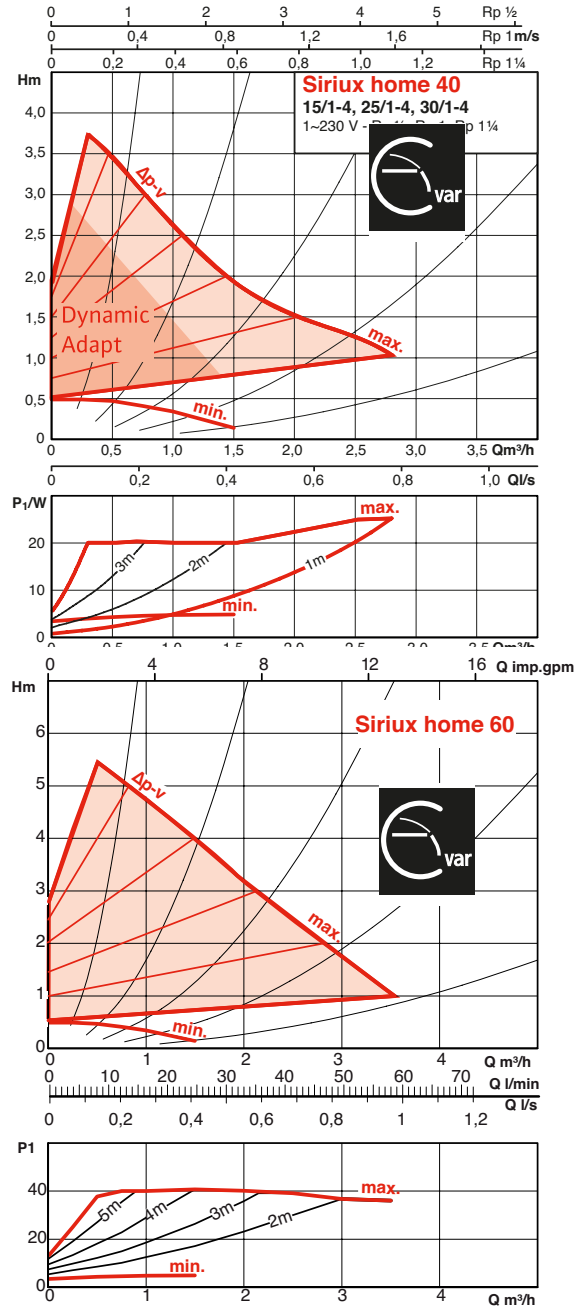
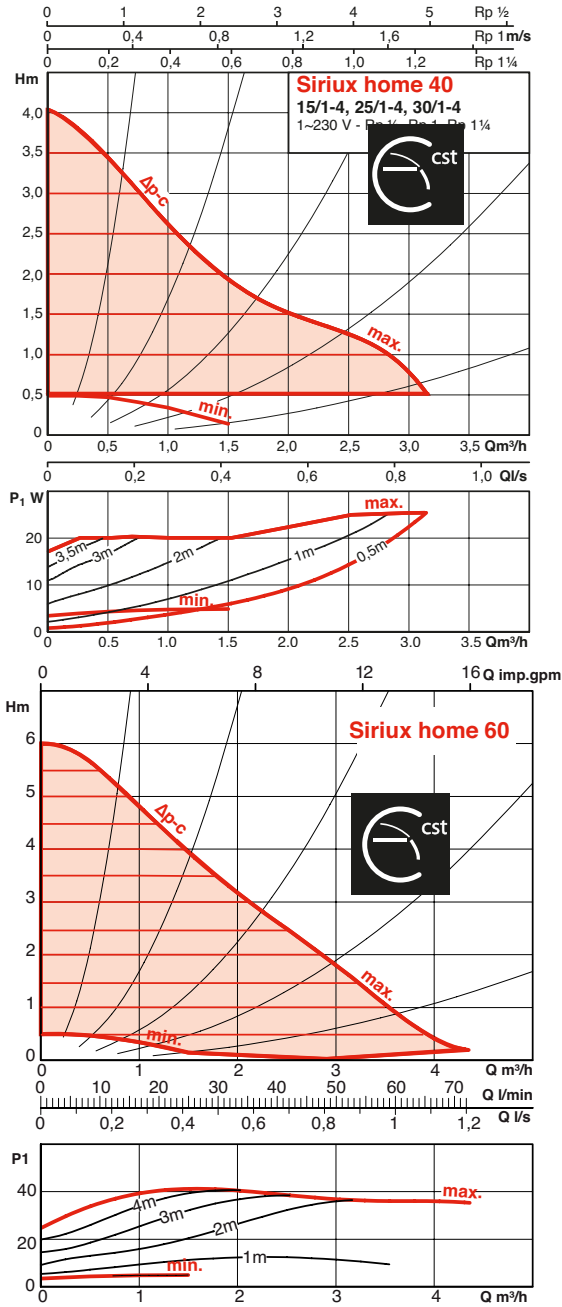
Function not activated

When the Fine Pilot function is activated, the pump analyses the heat requirement on the basis of the setpoint value. This analysis allows for the continuous adjustment of the value within the partial load range. The pump power is thus continuously optimised.

The Fine Pilot function can only be activated via a Δp -v regulation mode.




SIRIUX HOME

HYDRAULIC PERFORMANCE



QUICK SETTING HELP

Values given for information only

Heating system	Regulation mode	Size of system	Sirriux home
With thermostatically controlled valves		Up to 15 radiators	Sirriux home 40
		Up to 20 radiators	Sirriux home 60
Underfloor heating		Up to 120 m²	Sirriux home 40
		Up to 220 m²	Sirriux home 60
Thermosiphon-type		-	Sirriux home 40

QUICK SETTING HELP

For systems with radiators

Length of most unfavourable loop (outbound & inbound)	Setpoint value					
	0,5	1	1,5	2	2,5	3
30 m	1,3	1,3	1,0	1,0	1,2	1,1
40 m	1,5	1,3	1,3	1,0	1,4	1,3
50 m	1,8	1,5	1,5	1,3	1,8	1,7
60 m	2,3	2,0	1,8	2,2	2,0	1,8
80 m	2,5	2,3	2,9	2,6	2,4	Sirius Master
100 m	2,8	2,5	3,2	3,0	2,8	
120 m	3,0	4,0	3,5	3,2		
Flow rate (m³/h)	0,5	1	1,5	2	2,5	3

Sirius home 40 **Sirius home 60**

For systems with underfloor heating

Outbound & inbound length of PER 16 x 20	Setpoint value						
	0,5	1	1,5	2	2,5	3	3,5
20 m		1,0		1,0			
40 m	2,0		2,0				
60 m	3,0		3,0				
80 m		4,0					
100 m	5,0						
Flow rate (m³/h)	0,5	1	1,5	2	2,5	3	3,5

Outbound & inbound length of PER 13 x 16	Setpoint value						
	0,5	1	1,5	2	2,5	3	3,5
20 m		1		1,5			
40 m	3,0		3,0				
60 m		4,5					
80 m							
100 m							
Flow rate (m³/h)	0,5	1	1,5	2	2,5	3	3,5

Sirius home 40 **Sirius home 60**

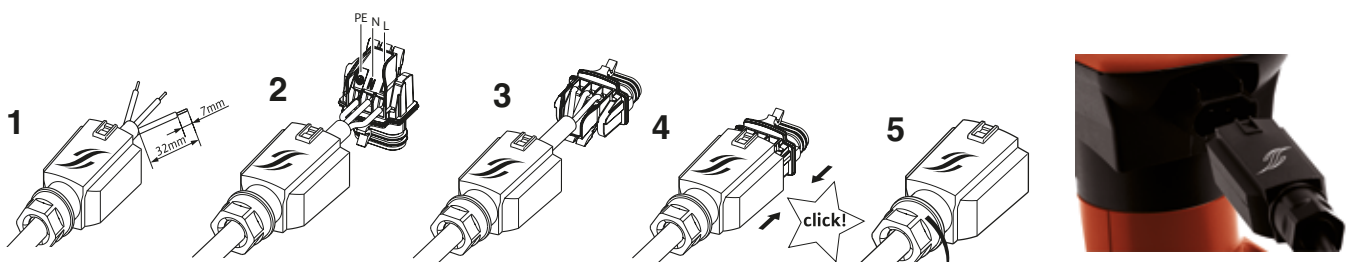
NB : These setpoint values are given for information only. The flow rate can be adjusted as follows:

Lowest setpoint value = reduced flow rate

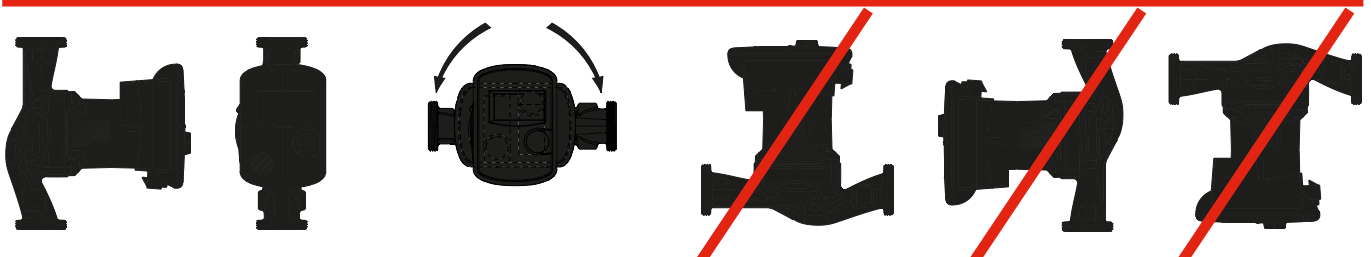
Highest setpoint value = increased flow rate, within the circulating pump's performance limits

ELECTRICAL CONNECTIONS

Quick and tool-free electrical connections

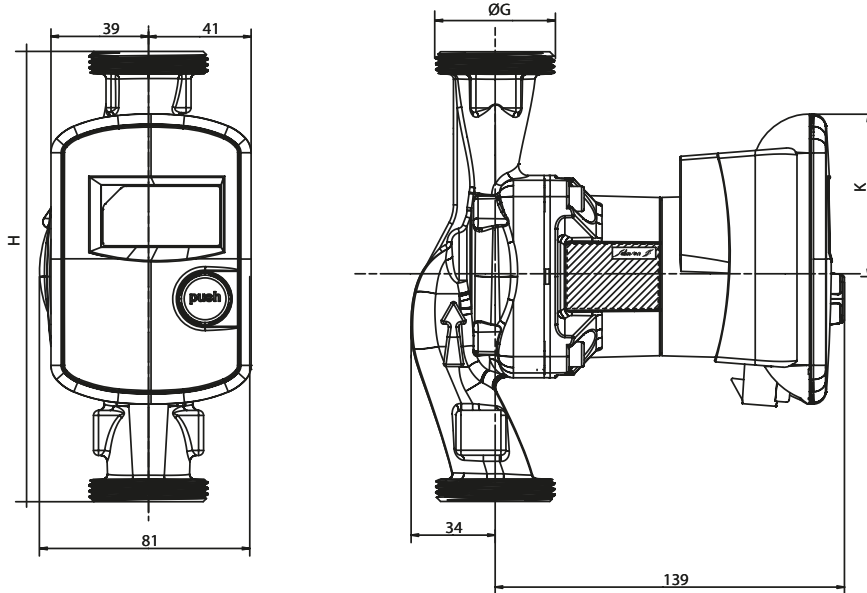


INSTALLATION POSITIONS



SIRIUX HOME

ELECTRICAL AND DIMENSIONAL SPECIFICATIONS



FEATURES

a) Electrical

- 230 V - 50 Hz (60Hz) single-phase
- Motor protection via circuit-breaker is not essential.

b) Fitting

- Axis of motor always horizontal.
- Connection to system via pipe unions.

c) Packaging

- Supplied with connector and gaskets, but without pipe unions.

d) Maintenance

- Standard replacement of the appliance.

Order reference	Motor						Pump			
	P1 (W)		I(A)		Speed (rpm)		H (mm)	K (mm)	Ø G	Weight (kg)
	Min	Max	Min	Max	Min	Max				
Siriux home 40-25 / 180 mm							180	90	1"1/2	2,3
Siriux home 40-32 / 180 mm									2"	
Siriux home 40-15 / 130mm							130	65	1"	2,3
Siriux home 40-25 / 130mm									1"1/2	
Siriux home 60-25 / 180 mm							180	90	1"1/2	2,3
Siriux home 60-32 / 180 mm	3W	40W	0,04	0,44	1 200	4 700			2"	
Siriux home 60-15 / 130mm							130	65	1"	2,3
Siriux home 60-25 / 130mm									1"1/2	

ACCESSORIES

Order reference	Threaded tube connection				
	1/2"	3/4"	1"	1"1/4"	2"
Siriux home 40-25 / 180 mm	-	RED 2027	RU 2634	-	-
Siriux home 40-32 / 180 mm	-	-	RED 2634	RU 3342	RU 4049
Siriux home 40-15 / 130mm	RU 1521	-	-	-	-
Siriux home 40-25 / 130mm	-	RED 2027	RU 2634	-	-
Siriux home 60-25 / 180 mm	-	RED 2027	RU 2634	-	-
Siriux home 60-32 / 180 mm	-	-	RED 2634	RU 3342	RU 4049
Siriux home 60-15 / 130mm	RU 1521	-	-	-	-
Siriux home 60-25 / 130mm	-	RED 2027	RU 2634	-	-



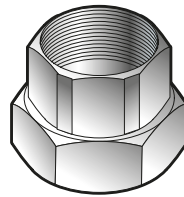
• Insulation housing Ref.: 4160237



• Adapter rings ØG 1"1/2 - 2" Ref.: 4051850



• Shut-off ball valve
RU 2634 - Ref.: 4104734



• Pipe union



• 2 m cable with lateral connector (set of 10 units)
Réf.: 4164854