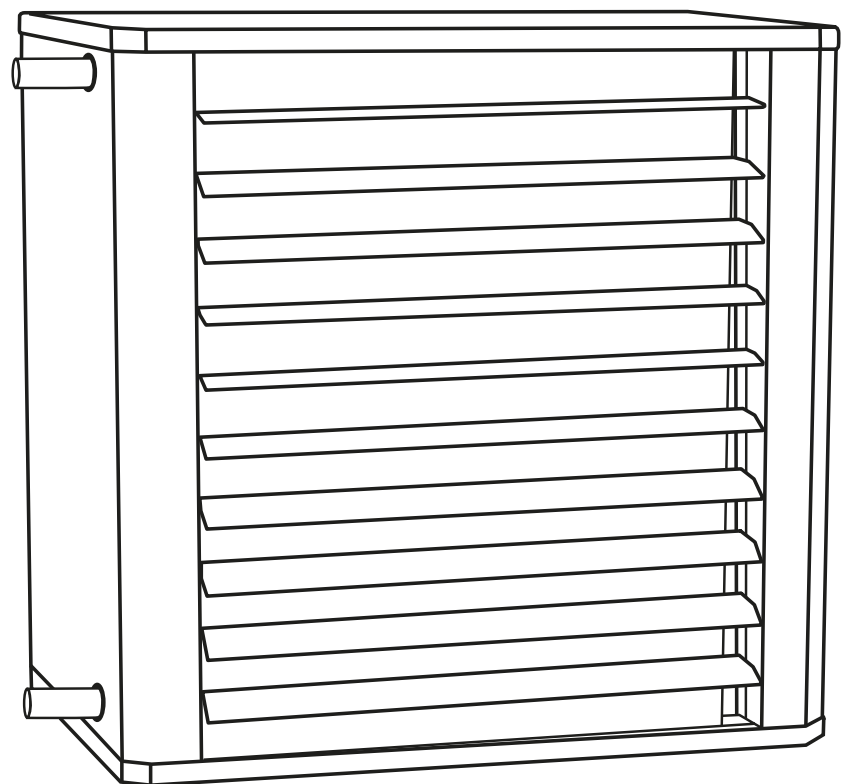




Original instructions

SWX H



SE ... 7

GB ... 11

NO ... 15

DE ... 19

ES ... 23

FR ... 27

IT ... 31

NL ... 35

PL ... 39

RU ... 43

Get In Touch



Call: [0845 6880112](tel:08456880112)



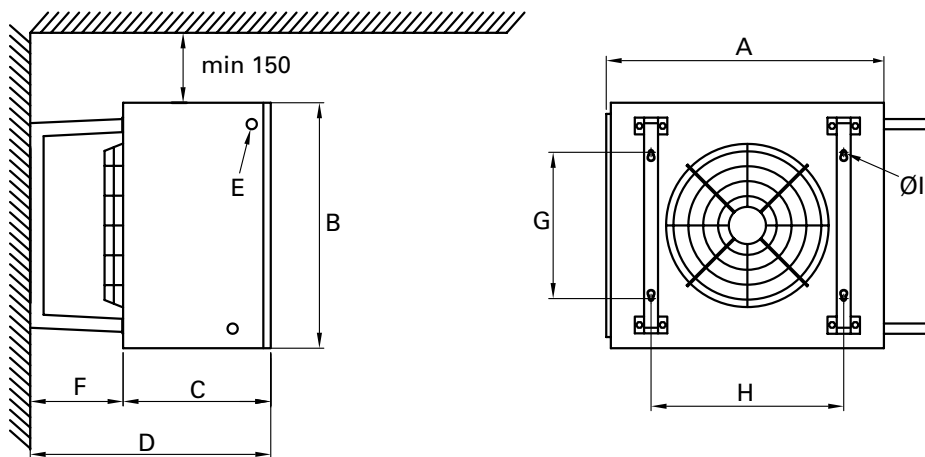
Email: info@adremit.co.uk

Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard,
Settle, North Yorkshire, BD24 9RH

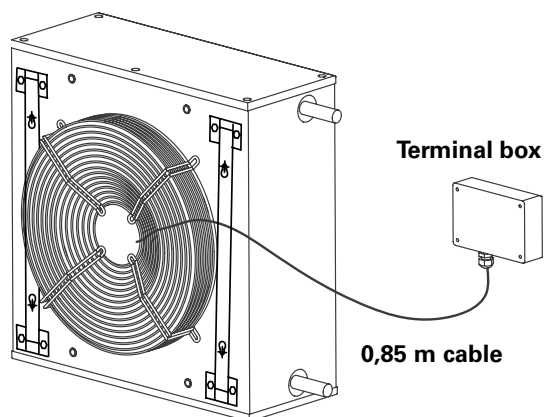


SWX



[mm]	A	B	C	D	E	F	G	H	ØI
SWXH13	550	530	380	630	ø22	250	330	410	10
SWXH23	705	655	430	700	ø28	270	420	505	10

Electrical installation 230V~



Get In Touch

 Call: [0845 6880112](tel:08456880112)
 Email: info@adremit.co.uk

Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard, Settle, North Yorkshire, BD24 9RH



Accessories

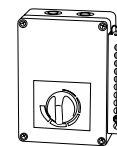
Type		HxWxD [mm]
SWXHFT1	SWXH13	455x525x15
SWXHFT2	SWXH23	595x650x15



SWXHFT

Controls SWX H

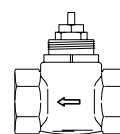
Type	RSK-nr (SE)	NRF-nr (NO)	HxWxD [mm]
SWXRT70			175x150x100



SWXRT70

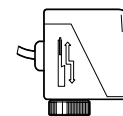
Water regulation SWX H

Type	RSK-nr (SE)	NRF-nr (NO)
SD20*	672 70 37	85 021 57
TVV20*	672 70 35	85 021 47
TVV25*	672 70 36	85 021 48



TVV20/25

+



SD20

*) Note: Only for mounting outside hot environments >50 °C.

Get In Touch

Call: [0845 6880112](tel:08456880112)
 Email: info@adremit.co.uk

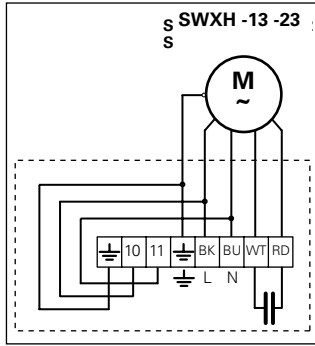
Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard,
 Settle, North Yorkshire, BD24 9RH

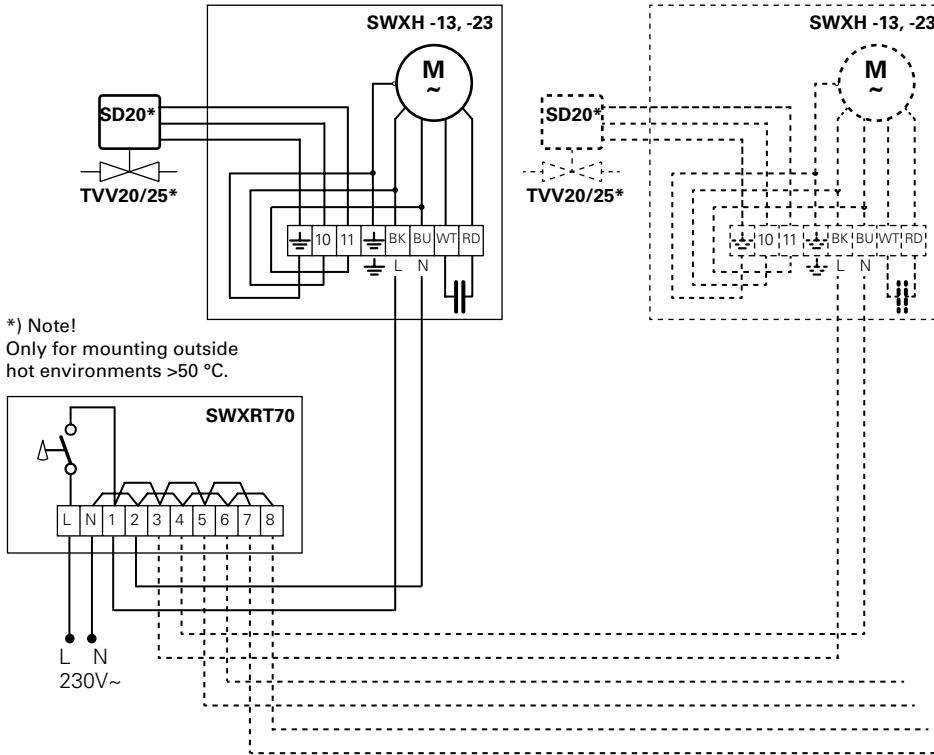


Wiring diagrams SWX H

Internal



Control by thermostat only



Get In Touch

Call: 0845 6880112
 Email: info@adremit.co.uk

Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard,
 Settle, North Yorkshire, BD24 9RH

SWX H

Typ	Heat output* ¹ [kW]	Air flow [m ³ /h]	Air flow [m ³ /s]	Sound level* ² [dB(A)]	Δt * ^{1,3} [°C]	Air throw [m]	Water volume* ⁴ [l]	Voltage [V]	Amperage [A]	Weight [kg]
SWXH13	12	1830	0,5	57	21	6	2,2	230V~	0,5	28
SWXH23	23	3870	1,1	68	20	9	3,8	230V~	1,35	46

*¹) Applicable at water temperature 80/60 °C, air temperature, in +40 °C.

*²) Conditions: Distance to the unit 5 metres.

*³) Δt = temperature rise of passing air at maximum heat output.

*⁴) Water volume inside battery.

Intended for water temperatures up to +150 °C and 16 bar.
Max. surrounding temperature +70 °C.

Protection class: IP65.

CE compliant.

GB: Heat output	GB: Air throw	GB: Amperage
SE: Värmeeffekt	SE: Kastlängd	SE: Ström
NO: Varmeeffekt	NO: Kastelengder	NO: Strøm
FR: Puissance	FR: Portée	FR: Intensité
RU: Выходная мощность	RU: Длина струи	RU: Сила тока
DE: Heizleistung	DE: Wurfweite	DE: Stromstärke
PL: Moc grzewcza	PL: Zasięg strumienia powietrza	PL: Natężenie
ES: Potencia calorífica	ES: Distribución	ES: Intensidad
IT: Potenza	IT: Lancio	IT: Corrente motore
NL: Verwarmingscapaciteit	NL: Luchtworp	NL: Stroom-sterkte
GB: Airflow	GB: Water volume	GB: Weight
SE: Luftflöde	SE: Vattenvolym	SE: Vikt
NO: Luftmengde	NO: Vannvolum	NO: Vekt
FR: Débit d'air	FR: Volume d'eau	FR: Poids
RU: Расход воздуха	RU: Объем воды	RU: Вес
DE: Volumenstrom	DE: Wasser-menge	DE: Gewicht
PL: Wydajność powietrza	PL: Objętość	PL: Waga
ES: Caudal de aire	ES: Volumen de agua	ES: Peso
IT: Portata aria	IT: Volume acqua	IT: Peso
NL: Luchtstroom	NL: Water volume	NL: Gewicht
GB: Sound level	GB: Voltage	
SE: Ljudnivå	SE: Spänning	
NO: Lydnivå	NO: Spenning	
FR: Niveau sonore	FR: Tension	
RU: Уровень шума	RU: Напряжение	
DE: Geräuschpegel	DE: Spannung	
PL: Poziom głośności	PL: Napięcie	
ES: Nivel de ruido	ES: Tensión	
IT: Livello sonoro	IT: Tensione motore	
NL: Geluidsniveau	NL: Voltage	

Get In Touch

Call: 0845 6880112
Email: info@adremit.co.uk

Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard,
Settle, North Yorkshire, BD24 9RH

Output charts water SWX H

SWX H

6

Incoming / outgoing water temperature 90/70 °C													
Incoming / outgoing water temperature 90/70 °C				Air temp. in = +40 °C				Air temp. in = +60 °C					
Type	Airflow	Output	Air temp. out	Water flow	Pressure drop	Output	Air temp. out	Water flow	Pressure drop	Output	Air temp. out	Water flow	Pressure drop
	[m ³ /h]	[kW]	[°C]	[l/s]	[kPa]	[kW]	[°C]	[l/s]	[kPa]	[kW]	[°C]	[l/s]	[kPa]
SWXH13	1830	26,6	63,6	0,33	8,3	16,3	69,4	0,20	3,4	6,6	73,5	0,09	0,6
SWXH23	3870	52,4	60,7	0,65	10,6	32,1	67,3	0,40	4,3	12,9	72,5	0,16	0,8

Incoming / outgoing water temperature 80/60 °C													
Incoming / outgoing water temperature 80/60 °C				Air temp. in = +40 °C				Air temp. in = +60 °C					
Type	Airflow	Output	Air temp. out	Water flow	Pressure drop	Output	Air temp. out	Water flow	Pressure drop	Output	Air temp. out	Water flow	Pressure drop
	[m ³ /h]	[kW]	[°C]	[l/s]	[kPa]	[kW]	[°C]	[l/s]	[kPa]	[kW]	[°C]	[l/s]	[kPa]
SWXH13	1830	21,8	55,9	0,27	5,9	11,8	61,2	0,14	1,9	3,6	67,3	0,06	0,14
SWXH23	3870	43,0	53,4	0,53	7,5	23,1	59,6	0,28	2,4	7,1	66,0	0,12	0,5

Incoming / outgoing water temperature 98/85 °C													
Incoming / outgoing water temperature 98/85 °C				Air temp. in = +40 °C				Air temp. in = +60 °C					
Type	Airflow	Output	Air temp. out	Water flow	Pressure drop	Output	Air temp. out	Water flow	Pressure drop	Output	Air temp. out	Water flow	Pressure drop
	[m ³ /h]	[kW]	[°C]	[l/s]	[kPa]	[kW]	[°C]	[l/s]	[kPa]	[kW]	[°C]	[l/s]	[kPa]
SWXH13	1830	32,1	72,7	0,61	26,5	21,6	78,9	0,41	12,6	11,9	84,4	0,33	4,2
SWXH23	3870	63,6	69,4	1,21	34	42,8	76,4	0,82	16,2	23,6	82,8	0,45	5,3

Get In Touch



Call: [0845 6880112](tel:08456880112)

Email: info@adremit.co.uk

Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard, Settle, North Yorkshire, BD24 9RH



Assembly and operating instructions

General Instructions

Read these instructions carefully before installation and use. Keep this manual for future reference.

The product may only be used as set out in the assembly and operating instructions. The guarantee is only valid if the product is used in the manner intended and in accordance with the instructions.

Application

SWX is a range of fan heaters suitable for environments with strict demands on materials and safety. Models are available for use in rooms with high temperatures. Fan heater SWX has a robust design, adapted to the requirements of harsh environments.

Supplied with air director with individually adjustable louvres that direct the air flow on one plane.

SWX H has an inspection hatch with quick release.


Protection class: IP65.

SWX H

The fan heater is available in two sizes, SWXH13 and SWXH23. They have been especially developed to heat the air in environments with high ambient temperatures such as in the drying and curing industry as well for decontamination.

- Uses hot water as the energy medium.
- The casing, air directors and brackets are made of stainless steel, EN 1.4016.
- Water coil with copper pipes and louvres with hydrophilic coating for easier cleaning and better durability, among other things.
- Protection class IP65 – protected against dust and water jets.
- Inspection hatch with quick release.
- Supplied without any automation and a single fan speed.
- Wall bracket supplied for mounting of the fan heater on the wall for a horizontal air stream.

Get In Touch

 Call: [0845 6880112](tel:08456880112)
 Email: info@adremit.co.uk

Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard,
Settle, North Yorkshire, BD24 9RH

Fitting the wall bracket

1. Remove the eight screws indicated by the arrows in picture A.

A



2. Install the brackets with the holes toward the fan motor, as shown in picture B.

B



3. The fan heater may be mounted with the connection pipes facing left or right, as seen from the front. In rooms with high ceilings, the fan heater should be installed in a low position, but not so low that it intrudes on the working space. Make sure that the wall is able to support the weight of the fan heater.

4. The fan heaters are delivered with the air deflector installed for water connection on the left hand side. If the fan heater is mounted with the pipes facing right, the air deflector must be turned for the air to be deflected downward. Remove the six screws (1/4" hex head) attaching the air deflector as shown in picture C, lift out the air deflector and turn it 180°. Then reattach it.

C



Get In Touch



Call: [0845 6880112](tel:08456880112)



Email: info@adremit.co.uk

Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard,
Settle, North Yorkshire, BD24 9RH

**Connection of heating coil**

The installation must be carried out by an authorised installer. By turning the fan heater, pipe connections are possible on both sides. Connect the water supply pipe to the lower pipe on the heater and connect the outlet pipe to the upper pipe, as shown by the arrows in picture E.

Ø22 connection on SWXH13 and ø28 connection on SWXH23. If compression fittings are installed, check that they can withstand the pressure and temperature of the heating medium.

Note! Be careful while connecting the pipes to prevent pipe damage and water leakage.

The heating coil must not be connected to a mains pressure water system or an open water system.

Prior to use, the pipe system should be ventilated. The air valve should be connected on a high point in the pipe system. Air and draining valves are not included in the heating coil.

Units that are likely to be exposed to air temperatures below zero, for example when a mixing cabinet is used, should be equipped with external frost protection to ensure that the heating coil is not damaged by frost.

Electrical installation

The electrical installation should be carried out by a qualified electrician in conformity with prevailing regulations. The appliance should be supplied via a triple-pole switch with at least 3 mm breaking gap.

The fan motor is connected to a detached terminal box, which is mounted on a wall next to the unit (0,85 m cable).

The cable glands used must meet the protection class requirements.

After the electrical installation of the motor, check the rotation of the fan. Seen from the inlet side, the impellers should be rotating anti-clockwise.

See wiring diagrams.

Maintenance

To ensure performance and reliability of the unit, inspection and cleaning should be carried out regularly. Inspection should be carried out at least twice a year. Clean the unit when needed.

During inspection the power supply must always be disconnected.


The fan heater is equipped with inspection hatches with quick-release locks. Open the quick-release locks according to picture F.

E



F

**Get In Touch**

 Call: 0845 6880112
 Email: info@adremit.co.uk

Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard,
 Settle, North Yorkshire, BD24 9RH

Cleaning

The interval between each cleaning depends on the environment the fan heater is used in. Dust on the fan protective grille and on the water coil's aluminum fins impedes the airflow and reduces its heat exchanging performance. The water coil must therefore be kept clean. The fan cooling flanges also need to be kept clean, to obtain the lowest possible motor operating temperature.

With the inspection hatch (picture G) removed, the water coil's aluminium louvres can be accessed for cleaning as below:

- Blown clean with compressed air or steam.
- Flushed with water. For grease coated louvres add appropriate cleaning detergent. Take care not to deform or damage the thin aluminium louvres.

Safety

- *Ensure that the area around the intake is kept free from material which could prevent the air flow through the appliance.*
- *This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.*
- *The appliances may have hot surfaces during operation.*
- *Lifting aids should be used to lift the appliance.*
- *The unit is unpainted and may have sharp metal edges.*
- *When adjusting the louvers, please note that the water heating coil may have sharp edges.*



G

Get In Touch



Call: [0845 6880112](tel:08456880112)
 Email: info@adremit.co.uk

Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard,
 Settle, North Yorkshire, BD24 9RH



Get In Touch

 **Call:** [0845 6880112](tel:08456880112)
 **Email:** info@adremit.co.uk

Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard,
Settle, North Yorkshire, BD24 9RH



Main office

Frico AB
Box 102
SE-433 22 Partille
Sweden

Tel: +46 31 336 86 00
mailbox@frico.se
www.frico.se

**For latest updated information and information
about your local contact: www.frico.se**

2018-02-15, HH

Get In Touch

 **Call:** [0845 6880112](tel:08456880112)
 **Email:** info@adremit.co.uk

Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard,
Settle, North Yorkshire, BD24 9RH

