

Air heater type S21 435 to 800W



Function: Air heater with external air supply by means of fan or compressed air.
CAUTION !!! Device is not pressure-resistant !!!

Configuration: Default: Temperature control with potentiometer (1 – 8)
 - alternatively with external potentiometer (cable length 5 meter) or
 - external control by control unit or SPS (cable length 5 meter)
 Device is equipped with a reliable heating element protection. The integrated device protection turns off the device when tripped and resets automatically after cooling down. A reset is not required.

Features: Special designs:
 - for devices with electronic equipment max. supply air temperature 50°C
 - the unit is available without electronics (without heating element protection)
 - for devices without electronic equipment max. supply air temperature 80°C

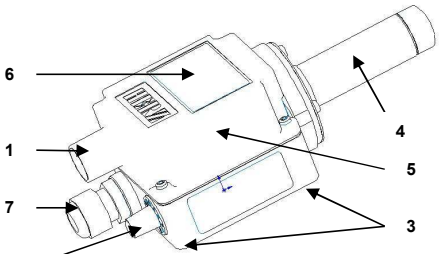
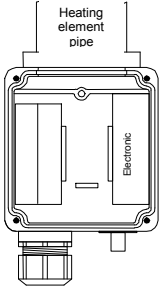
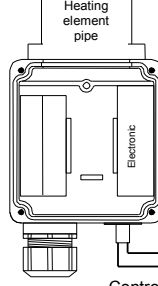
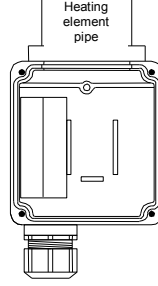
Power: 550 Watt, 800 Watt
Voltage: 120 VAC, 230 VAC

Technical data:

Item number	5101354	on request	5101351 (5101352*)
Voltage	VAC 120		230
Frequency	Hz	50 / 60	
Power	KW 0,55	0,435	0,8
Current	A 4,6	1,9	3,5
Max. temperature	°C	650	
Min. air volume	l/min 120 (150*)	90 (122*)	140 (185*)
Weight	kg	0,3	
Air intake	Ø mm	19	
Air outlet	Ø mm	13	
Heater tube	Ø mm	21	
Dimensions	mm (L x W x H)	188 x 69,5 x 58	
Conformity mark			
Protection class II	<input type="checkbox"/>		

*without electronic

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Product description:	Connection scheme:	
 <ol style="list-style-type: none"> 1. Cable fitting mains supply 2. Potentiometer 0-8 (control cable für ext. control); (no Potentiometer for devices without electronic) 3. Mounting on bottom of housing M 4 (screw depth 7 mm) 4. Heating element pipe Ø21mm 5. Cover 6. Data plate 7. Air intake Ø19mm 	 <p>Default with potentiometer</p> <p>N, L1 = Main connection according to data plate</p>	 <p>External control</p> <p>N, L1 = Main connection according to data plate</p> <p>Digital signal (PWM max. 0,5Hz) 10-24VDC + = brown - = white</p>
		<p>Version without electronics</p> <p>N, L1 = Main connection according to data plate</p>

Formatiert

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Available versions:

Item no.	Description
5101354	Air heater S21 120 VAC 550 Watt with potentiometer
5101343	Air heater S21 120 VAC 550 Watt for external control with 5 meter control cable
5101351	Air heater S21 230 VAC 800 Watt potentiometer
5110304	Air heater S21 230 VAC 800 Watt for external control with 5 meter control cable
5110306	Air heater S21 230 VAC 800 Watt for external potentiometer with 5 meter control cable
5101352	Air heater S21 230 VAC 800 Watt without electronic

Accessories:

Item no.	Description
5107282	 Flange connector
5107144	 Tubular nozzle Ø 5mm
5107145	 Tubular nozzle Ø 10mm
5107324	 Spoon-reflector Ø 10 mm for soldering of solder-shrinkage connections and for shrinkage of PVC, PTFE, FEP shrink hose. Push-fit for nozzle Ø 5mm

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Combination possibilities for devices WITH electronic *:

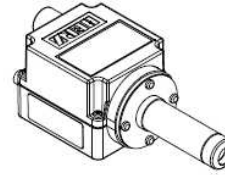
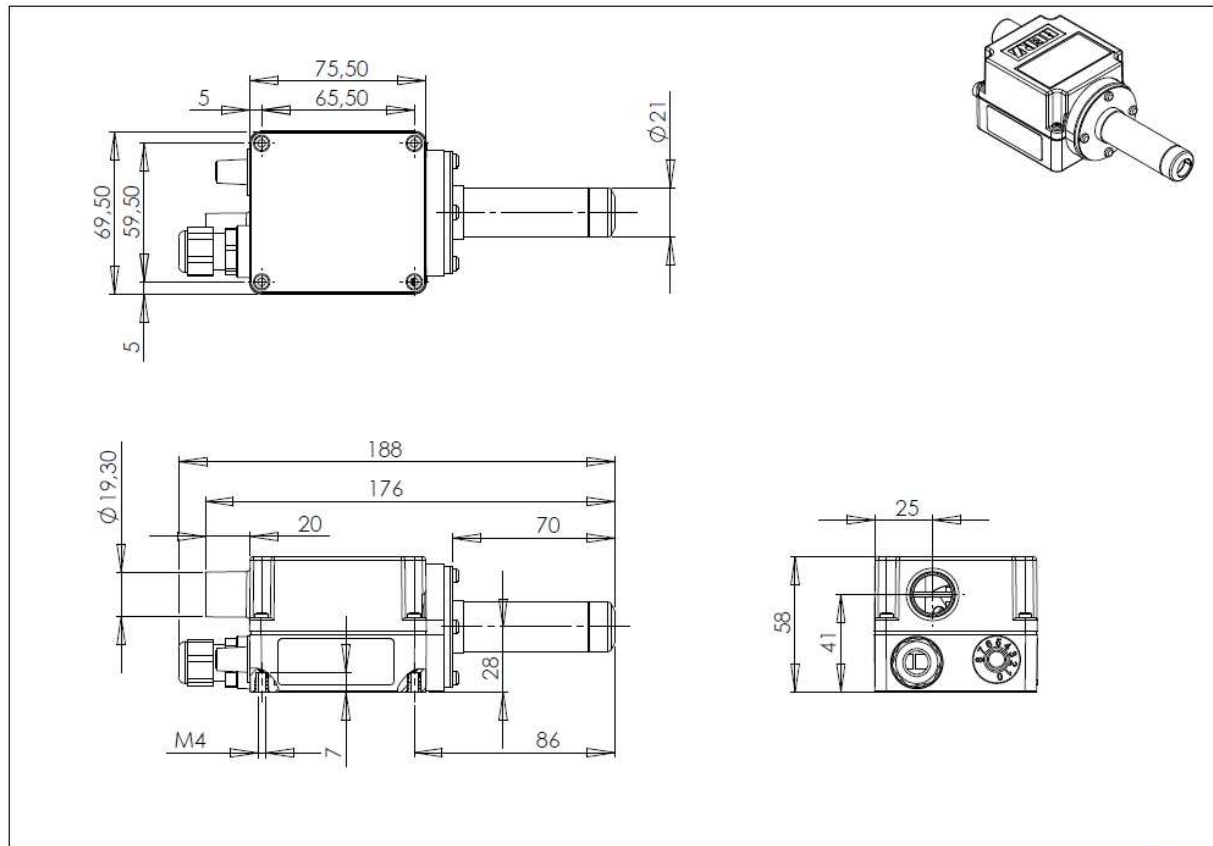
Measuring point: 3.0 mm after the air outlet pipe adapter – without nozzle, measured at the hottest point
Hose length: 1,0 m
Air supply: Blower 400 Volt, 50 Hz (HD = High pressure blower, MD = Medium pressure blower)
Air flow: NI / min = standard liters per minute according to DIN 1343

CAUTION: Air flow and temperature are indicative which can change due to external influences and changes air hose diameter and length!

Blower type	Quantity, air heater type, voltage, power	Air flow at 50 Hz with heating [NI / min.]	Maximum temperature at 50 Hz [°C]
HD140	1 x S21; 230VAC; 435W	230	290
	2 x S21; 230VAC; 435W	2 x 200	300
	4 x S21; 230VAC; 435W	4 x 160	310
	1 x S21; 230VAC; 0,8KW	330	320
	2 x S21; 230VAC; 0,8KW	2 x 240	380
	4 x S21; 230VAC; 0,8KW	4 x 190	430

*Data without guarantee

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Technische Änderungen vorbehalten / technical changes reserved



Maße in mm / allg. Toleranz +/- 1mm
Dimensions in mm / measurements +/- 1mm

Maßzeichnung
Dimension sheet

Typ / Type:
S 21

Zeichnung / Drawing
Nr.:
08052008V1

Name
Hauser
Blatt / Page
1/1

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HERZ GmbH

Kunststoff- & Wärmetechnologie
Biberweg 1
DE – 56566 Neuwied
Tel.: +49 (0)2622-81086; Fax: +49 (0)2622-81080
www.herz-gmbh.com; info@herz-gmbh.com

HERZ Austria GmbH

Kunststoff- & Wärmetechnologie
Gleinser Weg 27
AT – 6141 Schönberg / Tirol
Tel.: +43 (0)5225-63113; Fax: +43 (0)5225-6311385
www.herz-austria.at; herz.schoenberg@herz-gmbh.com

HERZ Hungária Kft.

Műanyag- és hőlégtéchnika
Pesti út 284. (HRSZ. 3335.)
HU – 2225 Üllő
Tel.: +36 (06)29-522400; Fax: +36 (06)29-522 410
www.herz-hungaria.hu; herz@herz-hungaria.hu

HERZ Bulgaria OOD

Boul. Assen Yordanov 10
BG – 1592 Sofia
Tel.: +359 (0)2-9790351; Fax: +359(0)2-9790793
www.herz-bulgaria.com; office@herz-bulgaria.com

HERZ GmbH

Kunststoff- & Wärmetechnologie
Am Arenberg 26A
DE – 86456 Gablingen
Tel.: +49 (0)8230-85085; Fax: +49 (0)8230-85087
www.herz-gmbh.com; robert.einberger@herz-gmbh.com

HERZ Austria GmbH

Kunststoff- & Wärmetechnologie
Johann-Galler-Str. 20 IZ – NÖ – Nord
AT – 2120 Wolkersdorf i. Weinviertel
Tel.: +43 (0)2245-82494-0; Fax: +43 (0)2245-82494-9
www.herz-austria.at; herz.wolkersdorf@herz-gmbh.com

HERZ Polska Sp.z o. o.

Technologie obróbki tworzyw sztucznych
Ul. Kostrzyńska 30
PL – 02-979 Warszawa
Tel.: +48 (0)22-8428583; Fax: +48 (0)22-8429700
www.herz.polska.pl; herz.polska@herz-gmbh.com

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