

Air heater type S32 from 1,55 to 2,0 KW



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 design with internal thermocouple (cable length 1 or 5 meter):
 - 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

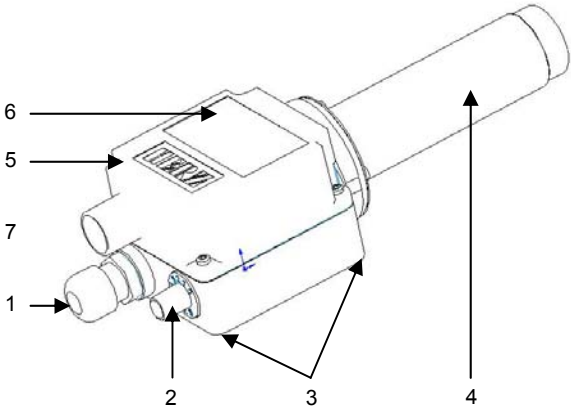
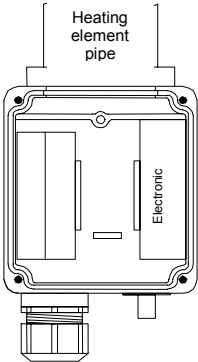
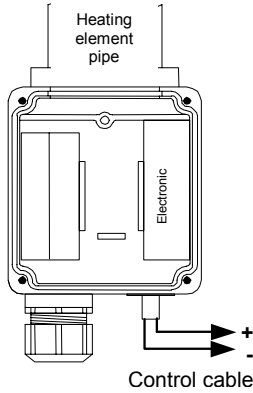
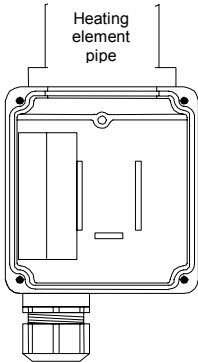
Power: 1,55 KW, 2,0 KW
Voltage: 230 VAC

Technical Data:

Item number		5101340 (5101336*)	5101355 (5101353*)	5101357 (5101359*)
Voltage	VAC		230	
Frequency	Hz		50 / 60	
Power	KW	1,0	1,55	2,0
Current	A	4,4	6,7	8,7
Max. temperature	°C		650	
Min. air volume	l/min	120 (150*)	200 (255*)	260 (334*)
Weight	kg		0,4	
Air intake	Ø mm		19	
Air outlet	Ø mm		16	
Heater tube	Ø mm		32	
Dimensions	mm (L x W x H)		228 x 69,5 x 58	
Conformity mark				
Protection class II				

*ohne Elektronik

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Product description:	Connection scheme:		
		<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>
<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 Ø32mm 5. Cover 6. Data plate 7. Air intake Ø19mm 		<p>Version without electronics</p> <p>N, L1 = Main connection according to data plate</p>	

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Available Versions:

Item no.	Description
5101340	Air heater S32 230 VAC 1,0 KW potentiometer
5101337	Air heater S32 230 VAC 1,0 KW for external control with 5 meter control cable
5101338	Air heater S32 230 VAC 1,0 KW for external control with 5 meter control cable and internal thermocouple
5101336	Air heater S32 230 VAC 1,0 KW ohne Elektronik
5101339	Air heater S32 230 VAC 1,0 KW without electronic and internal thermocouple
5101355	Air heater S32 230 VAC 1,5 KW Potentiometer
5101356	Air heater S32 230 VAC 1,5 KW for external control with 5 meter control cable
5101360	Air heater S32 230 VAC 1,5 KW for external control with 5 meter control cable and internal thermocouple
5101353	Air heater S32 230 VAC 1,5 KW ohne Elektronik
5101361	Air heater S32 230 VAC 1,5 KW without electronic and internal thermocouple
5101357	Air heater S32 230 VAC 2 KW Potentiometer
5101358	Air heater S32 230 VAC 2 KW for external control with 5 meter control cable
5101362	Air heater S32 230 VAC 2 KW for external control with 5 meter control cable and internal thermocouple
5101359	Air heater S32 230 VAC 2 KW ohne Elektronik
5101363	Air heater S32 230 VAC 2 KW without electronic and internal thermocouple

Accessories:

Item no.	Description
5107283	 Flange connector. Push fit on the protective tube
5100303	 Tubular nozzle ø 5mm
5106475	  Wide slot nozzle 20 x 2mm
5105526	  Wide slot nozzle 40 x 2mm

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Combination possibilities for devices WITH electronic*:

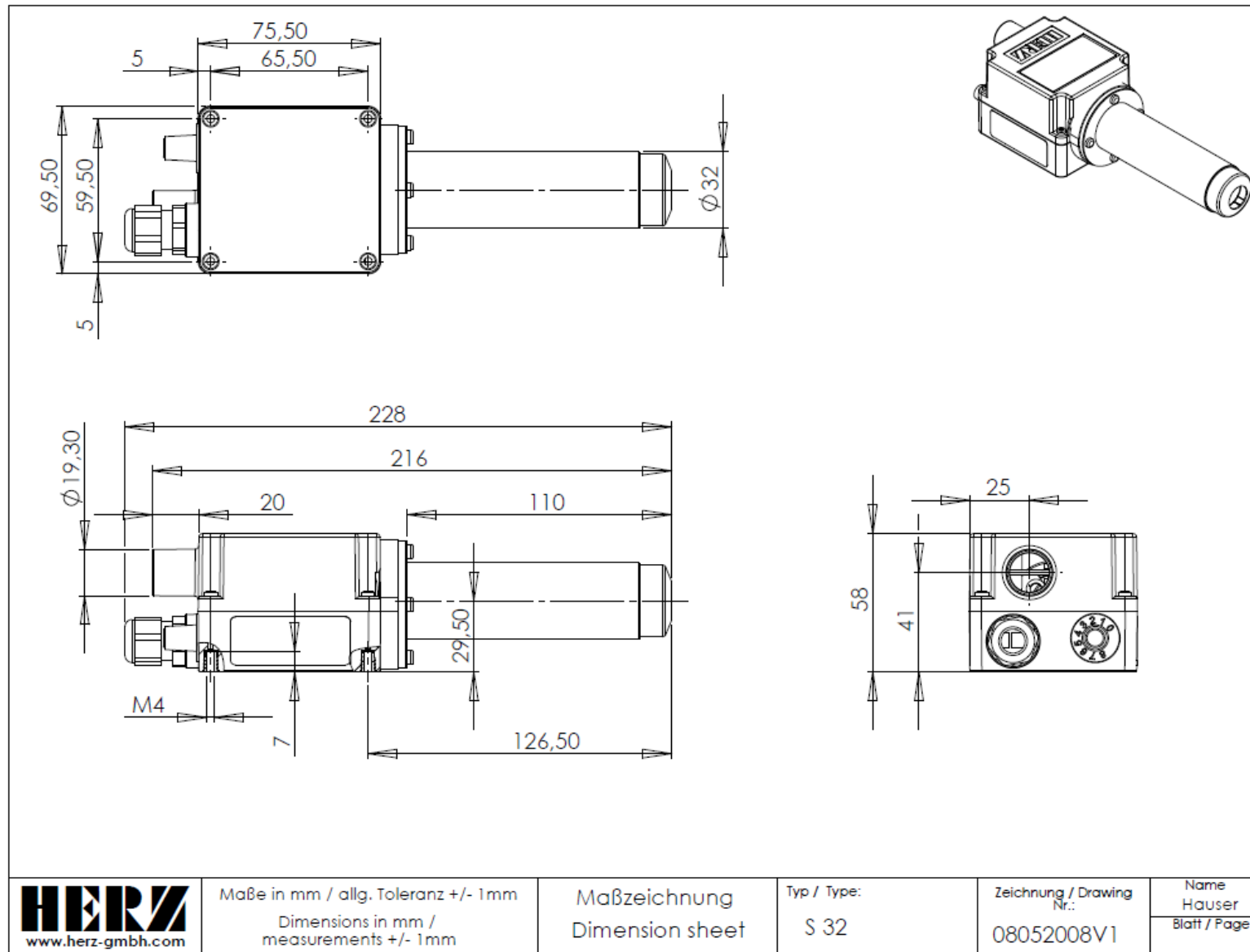
Measuring point: 3.0 mm after the air outlet pipe adapter – without nozzle, measured at the hottest point
Hose length: 1,0 m
Air supply: Blower 400 Volt, 50 Hz (HD = High pressure blower, MD = Medium pressure blower)
Air flow: NI / min = standard liters per minute according to DIN 1343

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 S32; 230VAC; 1,5KW	510	350
	2 x S32; 230VAC; 1,5KW	2 x 410	390
	4 x S32; 230VAC; 1,5KW	4 x 280	490
HD140	1 x S32; 230VAC; 2,0KW	470	450
	2 x S32; 230VAC; 2,0KW	2 x 390	470
HD 240	4 x S32; 230VAC; 2,0KW	4 x 530	320

*Data without guarantee

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Technische Änderungen vorbehalten / technical changes reserved

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