

## S41HCSP3 (# UTWE41SBDX)



### GENERAL DESCRIPTION

Terminal units in the series, distinguished by their compact size and ease of installation, are designed for residential and/or commercial applications. Internal installation unit. The exchanger circuit is designed so that the water flows in the opposite direction with respect to the air flow, thereby maximising heat exchange performance.

### TECHNICAL FEATURES

The unit frame is made of 1,0 mm (model 21 to 81) or 1.5 mm (model 91 and 101) gauge galvanised sheet steel. Acoustic and thermal insulation is provided by self-extinguishing polyurethane foam film thickness 10 mm. The exchanger coil is composed of copper tubes and copper headers the tubes are mechanically expanded into corrugated aluminium fin collars. Pressure test 16 bar operation pressure max 10 bar (PN10). Coil connectors with male gas thread. Equipped with a removable galvanised steel and painted condensate drain pan.

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### TECHNICAL DATA

Series		SOFFIO-4
Version		S
Model		S41HCSP3 2B
Length	mm	1650
Height	mm	375
Depth	mm	650
Weight	kg	98
Absorbed power	W	484,38
Absorbed current	A	2,22
Static Pressure	Pa	70
Sound Power for Inlet/Radiated (Lw)	dB(A)	72,3
Sound Power Outlet (Lw)	dB(A)	71,3

### Cooling conditions

Fluid		Water
Inlet fluid temperature	°C	7,0
Outlet fluid temperature	°C	12,0
Fluid flow	l/h	2203,3
Pressure drop	kPa	17,3

### Inlet

Dry bulb air temperature	°C	27,0
Wet bulb air temperature	°C	19,0
Relative humidity	%	47

### Outlet

Dry bulb air temperature	°C	16,5
Wet bulb air temperature	°C	13,7
Relative humidity	%	75
Air flow	m3/h	2618,8

### Cooling performances

Total cooling capacity	kW	12,84
Sensible cooling capacity	kW	8,91
Dehumidification	kg/h	5,32
Rows		3
Speed		MED

### Heating conditions

Fluid		Water
Inlet fluid temperature	°C	70,0
Outlet fluid temperature	°C	60,0
Fluid flow	l/h	1954,6
Pressure drop	kPa	5,0

### Inlet

Dry bulb air temperature	°C	20,0
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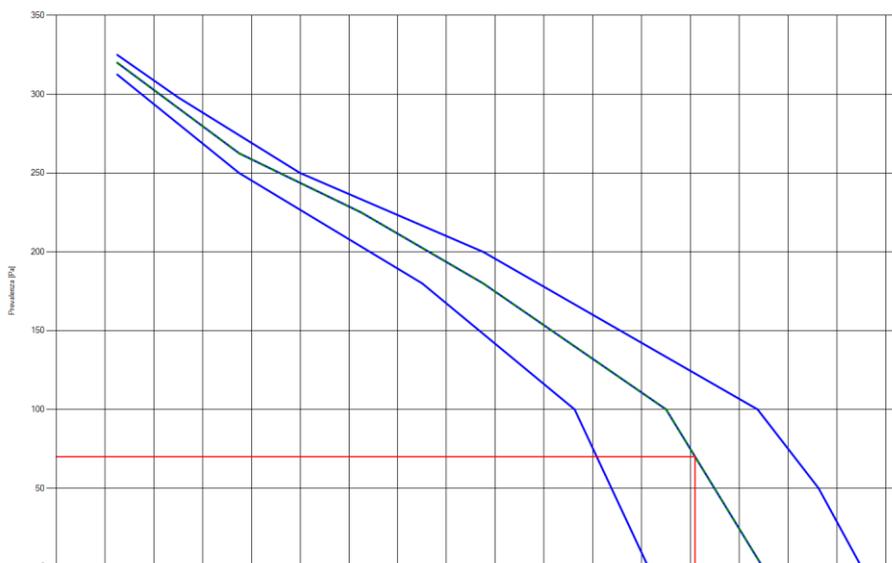
### Outlet

Dry bulb air temperature	°C	45,6
Air flow	m3/h	2618,8

### Heating performances

Heating capacity	kW	22,25
Rows		2
Speed		MED

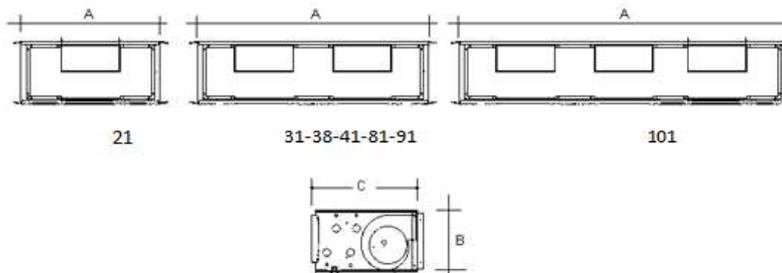
Calculation data from selection program TESIWEB The result of calculation is only indicative for the performances of the product in the selected condition The company reserves the right to modify at any time the product characteristics



Speed MED

<b>Pressure</b>	70 [Pa]
<b>Air flow</b>	2618,8 [m3/h]

**DIMENSIONAL DRAWING**



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UTWE41SBDX)**

<b>A:</b>	1650 [mm]
<b>B:</b>	375 [mm]
<b>C:</b>	650 [mm]