Documentation of Radiator

Type GLY-NA102K3H-091E550

Drawing no. LF-NA102K3H-200297096-10

Confirmation no. T-19.01.014

Project: AAQUA

Order no. 20

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order **T-19.01.014**

THERMAL Wärmetauscher-Systeme

11.02.2019

	DACH	GLY-NA102K3H-091E550
Capacity	kW	56
Air On Temperature	°C	28,5
Air Off Temperature	°C	35,2
Fluid In Temperature	°C	39,3
Fluid Out Temperature	°C	33,5
Fluid Pressure Drop	kPa	35
Fluid		Propylene Glycol
Fluid Percentage	%	35
Flow Rate	m3/h	8,8
Altitude	m	0
Air Volume	m3/h	27000
Maximum Allowable Pressure	bar	10
Maximum Medium Temperature	°C	105
PED Category		0
Sound Level	dB(A)	
Mean Sound Pressure Level	dB(A)	41 @ 10 m
Sound Power Level	dB(A)	73
Sound Spectrum 125 Hz	dB	73
Sound Spectrum 250 Hz	dB	71
Sound Spectrum 500 Hz	dB	71
Sound Spectrum 1 kHz	dB	69
Sound Spectrum 2 kHz	dB	63
Sound Spectrum 4 kHz	dB	56
Sound Spectrum 8 kHz	dB	49
Surface Area	m2	334
Internal Volume	dm3	61
Tube/Fin Material		CU/AL
Sections per Unit		1
Circuits per Section		12
Connections		Same End
Connection Type		Flange
Connection Size		50 mm
Orientation		Horizontal
Air Discharge Direction		Vertical
Input Power (Total)	kW	1,09
Fan Speed	1/min	550 (865 max)
Control Voltage (for EC fans)	mA	**4 - 20 mA signal**
Electrical Supply		400-3-50/60
Rows of Fans		1
Fans per Row		2
Starting Current (per fan)	A	2.08 (4.9 max)
Full Load Current (per fan)	A	1.6 (3.5 max)
Overall Length	mm	2723
Overall Width	mm	1578
Overall Height	mm	1333
Dry Weight	kg	489
Dry Weight + Fluid	kg	551