



TECHNO COIL

Client
Attention of
Your Rif. No
Our Rif. No
Operator

Date
File

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Heating Coil: Technocoil code: VR-S-3535-12-1320-50-1R-042-001-02-WH-CU32-AL15

Tube Material:	CU-.32	Ext. Surface:	1,5	m2	Volume:	0,4	dm3
Fin Material:	AL-.15	Int. Surface:	0,1	m2	Weight:	7,3	kg

External Gas:	Air Std	/	101,32	kPa			
Flow Rate	0,23	m3/s	=	832	m3/h	0,28	kg/s
Velocity	2,5	m/s					
Inlet and Outlet Temp.	20	°C	->	29,5	°C		
Inlet and Outlet Rel. Humidity	50	%	->	28,4	%		
Pressure Drop	9	Pa					

Internal Fluid:	Water						
Flow Rate	0,03	l/s	=	119	l/h	0,032	kg/s
Velocity	0,29	m/s					
Inlet and Outlet Temp.	90	°C	->	70	°C		
Pressure Drop	0,5	kPa					

Capacity: 2,69 kW CounterFlow Calculation