Scelte SELECTION SOFTWARE

ECO™ heat transfer coolers

MODINE

User : Jari Cressatti

Verification Dry cooler
15/06/2021

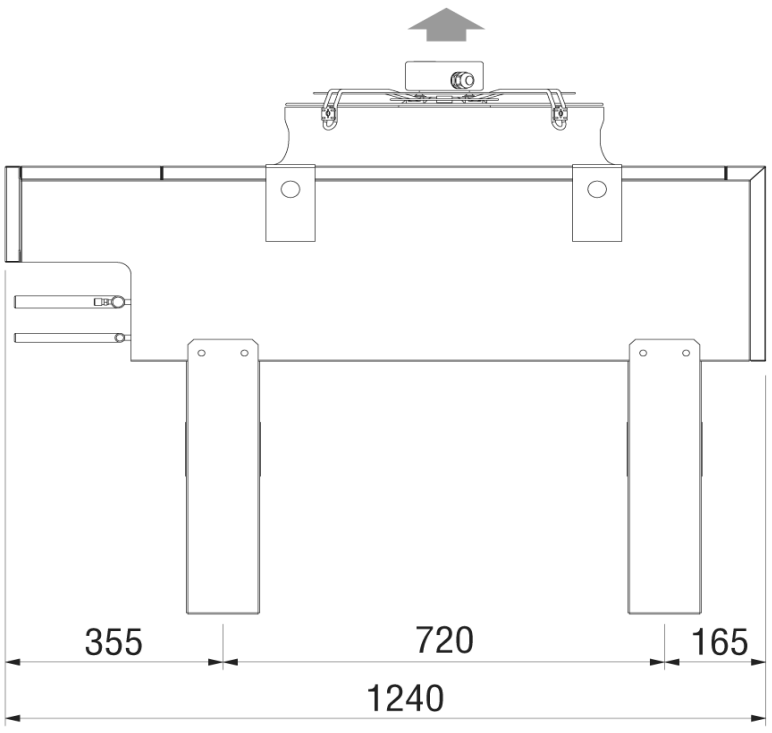
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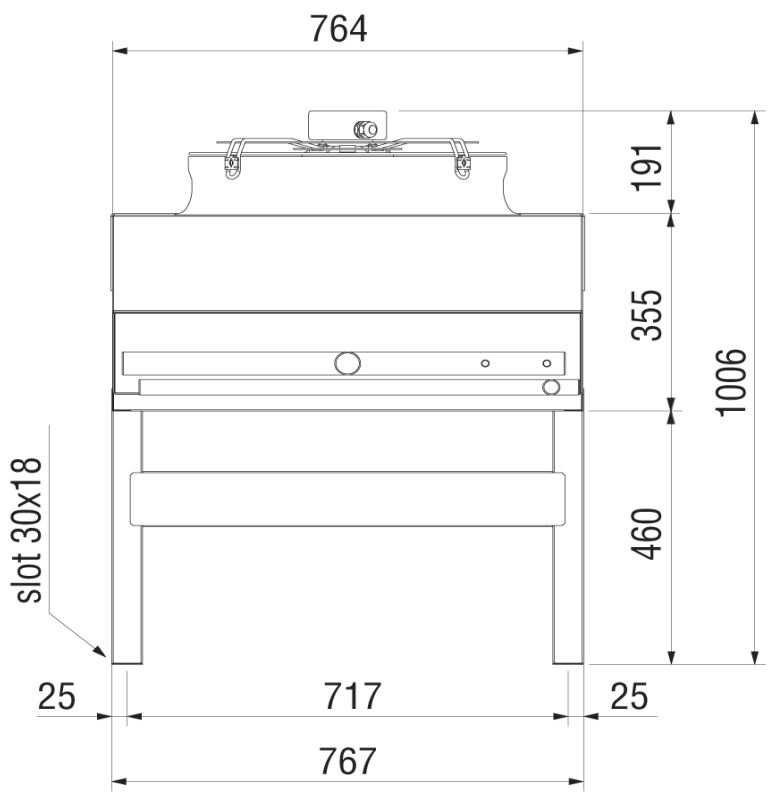
			Fluid inlet temperature	[°C]	80.0
Inlet air temperature	[°C]	30.0			
Fluid outlet temperature	[°C]	60.0	Altitude	[m]	0
			Air flow		V
Fluid - BSE 170 at 70°C	[kg/m³]	937	Specific heat	[J/kg-°C]	1980
Conductivity	[W/(m*°C)]	0.1296	Viscosity	[mm2/s]	42

Heat exchanger	Aluminium fin	Fan motor feed	Standard
Motors / Fan Motors	AC motors	Electrical Accessories	
Mechanical Accessories			

Selected model: 1 x KCE 51J4-MF W7 V - PS28

Circuits	n.	7	Tot. Pres.S.Lev.	[dB(A) @10[m]]	46
Capacity	[kW]	21.3	Margin	[%]	0.00
DPR	[kPa]	111	Volumetric Flow	[l/h]	2065
Tot. air flow	[m³/h]	6320	T air out	[°C]	40.3





Weight	kg	73.000			
Internal surface	m²	3.44	External surface	m²	49.50
Inlet connection		To be defined	Output connection		To be defined
Total circuit capacity	dm³	7.3	Fin spacing	mm	2.1
Fan Motors	n.	1	Diameter	mm	500
Air flow	m³/h	6320	Power sound level	dB(A)	78
			Rotation speed	rpm	1300
Feed	V	230/1/50	Number Of Poles	n.	4
Fan Motor	A	3.00	Absorbed power	W	680
Efficiency class		E			

We shall not be liable for the performance and the quality of sold products, if fitted or connected fan motor speed regulation or control systems are different from the ones proposed or installed by us.