VEAB Heat Tech AB

VEAB Product Selection Software

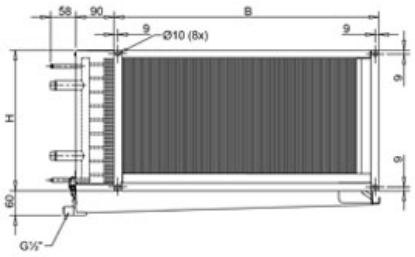
PGK - Rectangular Duct Coolers Selection

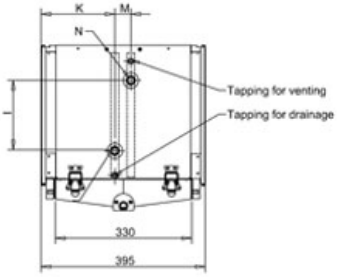
Air Flow: 3620 m3/h

Air Velocity Over Coil: 1 m/s

Inlet Air Temperature: 29 °C

Inlet Humidity: 50.00 %





Output Limits

Air Outlet: 20 °C

Output: 10000.0000 W

Min - Max Ratio (%): -20 20

Fluid

Fluid Type: Pure fluids

Fluid Name: Water

Limitations (max)

Air Velocity Over Coil (m/s): 5,0 m/s

Air Prs. Drop: 125 Pa

Water Prs. Drop: 50 kPa

Water Inlet Temperature: 15 °C

Water Outlet: 18 °C

Water Flow: 1.0000 l/s

Single Selection Model

PGK 1000X500-3-2,0

Run

Select

Product Name	Water Inlet Tmp (°C)	Water Outlet Tmp (°C)	Air Flow (m3/h)	Air Pres. Drop (Pa)	Inlet Air Tmp (°C)	Inlet Humd. (%)	Outlet Air Tmp (°C)	Outlet .Humd. (%)	Output (W)	Water Flow (l/s)	Water Pres.Drop (kPa)	Air Velocity Over Coil (m/s)	Water Velocity (m/s)	Transfer Surface (m2)	Weight (kg)	B	H
PGK 1000X500-3-2,0	15	18.00	3,620.00	37.72	29	50	20.27	84	10,351.00	0.82	13.40	2.11	0.67	24.95	34.30	1038	538