

Annex A

Scope of supply for : #####-001

Pos 1 : **Falling film water chiller**

Technical details

Water side			Refrigerant side		
Inlet water temperature	:	8 °C	Evaporating temperature	:	-3 °C
Outlet water temperature	:	1 °C	Refrigerant	:	NH3
Water film velocity	:	0,8 m/s	Refrigerant system	:	flooded?/pump?
Water flow	:	170 m3/h			
Scaling factor	:	0,1 m2K/kW			
Capacity	:	1387 kW			

Evaporator details		Cabinet details	
No. of plates	: 30 pc.	Length	: 2000 mm
Plate width	: 2900 mm	Width	: 3450 mm
Plate height	: 1250 mm	Height	: 1700 mm
Heat exchanging surface	: 217,5 m2	Plate distance	: 50 mm
Evaporator volume	: 435 ltr.	Evaporator weight	: 1990 Kg
Plate material	: AISI-304	Cabinet material	: AISI-304
Plate thickness	: 1,00 mm	Covers	: Polycarbonate

Exclusions

Circulation pump, valves, flanges etc.

Remarks

Side covers are removable for inspection

Recirculation section is not required

Equipment according to CE-PED regulations

Equipment manufactured according to AD 2000-Merkblatt

Tolerances according to NEN-EN-ISO 13920:1996, linear and angular dimensions class C for straightness and flatness class F

Packing

Wooden pallet

Pos 2 : **Waterbase tank**

Technical details

Length	:	2160 mm	Insulation thickness	:	80 mm
Width	:	3610 mm	Insulation material	:	Polyurethane
Height	:	1000 mm	Water tank weight	:	587 Kg
Volume	:	6348 ltr.	No. of connections	:	5
Hot/Cold section	:	No	Tank material	:	AISI-304

Exclusions

Circulation pump, valves, flanges etc.

Remarks

Equipment is not suitable for direct cooling in food applications

Equipment manufactured according to AD 2000-Merkblatt

Tolerances according to NEN-EN-ISO 13920:1996, linear and angular dimensions class C for straightness and flatness class F

Packing

Wooden pallet