

Q U I C K
C O N F I G U R A T O R



SALES TOOLS AND ACCESSORIES

AVOGADRO - SELECTION TOOL

Intuitive SELECTION TOOL for standard WTK Heat Exchangers available for download on www.wtk.it.

AVOGADRO software programme is suitable for standard S&T and standard BPHE.

ON REQUEST

- Dedicated TECHNICAL SUPPORT
- 3D and DWG technical drawings available within 24/48 hours for standard units and within 3/4 working days for customized units.

BPHE ACCESSORIES

- Studbolts or Feet and lifting lugs
- Thermal insulation 10mm
- BPHE connections: to know the connections available for each model please contact our Sales Department or refer to the specific product documentation.

SHELL & TUBE ACCESSORIES

- Welded feet
- Thermal insulation 10mm and 20mm
- Kit flanged connections
- Sight glass
- Supports for compressors
- Rotalock shut-off valves

COMPLEMENTARY PRODUCTS



OIL SEPARATORS

Wide range comprehensive of 1 stage (cyclonic system with oil reserve), 2 stage (cyclonic and filtering systems with oil reserve), eco type (cyclonic system without oil reserve), vertical oil separators for cooling and low temperature applications.

Displacement volumes from 120 to 2250 m³/h.

All models are CE/PED approved.

LIQUID RECEIVERS

Standard liquid receivers from 30 to 1000 liters (internal volume).

Horizontal and vertical construction. Service for design and realization of customized liquid receivers also for higher volumes and special executions.

All models are CE/PED approved.

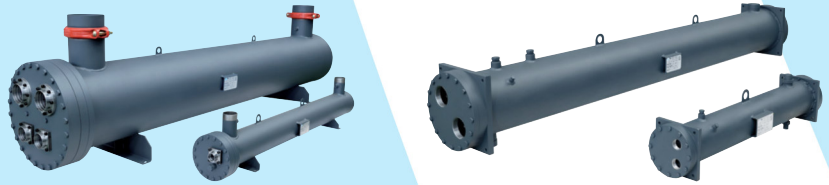


WATER TANKS FOR S&T EVAPORATORS

These products match a water buffer tank to an evaporator. The range includes models with water tank volumes from about 190 litres to 3000 litres and evaporator cooling capacities from about 20 kW to 1600 kW.

All models are CE/PED approved.

SHELL & TUBE EXCHANGERS



SERIES	TYPE	Standard Capacity Range (KW)	Normal Temperature (-10°C +90°C)	Low Temperature (-40°C +50°C)	Tube Material Availability				Shell Material Availability	
					Copper	CuNi 90/10	Stainless Steel (Inox)	Carbon Steel	Stainless Steel (Inox)	Carbon Steel
_CE	DRY-EX U-Tube S&T Evaporator	From 20 to 1800								
_BE	DRY-EX U-Tube S&T Evaporator	From 160 to 500								
_FE	DRY-EX U-Tube S&T Evaporator	From 110 to 2000								
_PE	DRY-EX Single Pass DX Evaporator	From 230 to 2300								
FWE	S&T Flooded Evaporator (R134a)	From 110 to 2200								
FME	S&T Flooded Evaporator (R134a)	From 110 to 1800								
CF	S&T Condenser	From 10 to 2700	(-10°C +120 °C)							
CF/M	S&T Condenser for maritime application	From 10 to 2700	(-10°C +120 °C)							

SERIES	TYPE	Standard Capacity Range (KW)	Fluid Group 1 and 2	Pressure Vessel Approvals					Water Tank TW Series	Technical Drawings 3D and DWG	Selection Tool for Standard Constructions with CE/PED Approval	Customized Design
				CE/PED (16,5 barg) Ref Side	CE/PED (30 barg) Ref Side	CE/PED (45 barg) Ref Side	ASME	DNV-GL				
_CE	DRY-EX U-Tube S&T Evaporator	From 20 to 1800										
_BE	DRY-EX U-Tube S&T Evaporator	From 160 to 500										
_FE	DRY-EX U-Tube S&T Evaporator	From 110 to 2000			HP 30 barg							
_PE	DRY-EX Single Pass DX Evaporator	From 230 to 2300			HP 25/30 barg							
FWE	S&T Flooded Evaporator (R134a)	From 110 to 2200										
FME	S&T Flooded Evaporator (R134a)	From 110 to 1800										
CF	S&T Condenser	From 10 to 2700				HP 42 barg						
CF/M	S&T Condenser for maritime application	From 10 to 2700				HP 42 barg						

BRAZED PLATE HEAT EXCHANGERS



SERIES	No. Refrigerant Circuits	No. Water Circuits	Standard Capacity Range (KW)	MAX Number of plates	One phase applications		Two phase applications				
					WATER-WATER	OIL COOLER	EVAPORATOR	CONDENSER	HEAT-PUMP	ECONOMIZER	DESUPERHEATER
P4	1	1	From 2,5 to 20	80							
P7	1	1	From 5 to 45	120							
NP7	1	1	From 5 to 45	120							
P12	1	1	From 40 to 240	200							
P15	1	1	From 30 to 210	200							
P30	1	1	From 80 to 380	200							
P16	2	1	From 50 to 200	200							

SERIES	No. Refrigerant Circuits	No. Water Circuits	Standard Capacity Range (KW)	Fluid Group 2	NH3	Pressure Vessel Approvals		Technical Drawings 3D and DWG	Selection Tool for Standard Constructions with CE/PED Approval	Customized Design
						CE/PED (30 barg) Ref Side	CE/PED (45 barg) Ref Side			
P4	1	1	From 2,5 to 20							
P7	1	1	From 5 to 45							
NP7	1	1	From 5 to 45							
P12	1	1	From 40 to 240							
P15	1	1	From 30 to 210							
P30	1	1	From 80 to 380							
P16	2	1	From 50 to 200							

LEGEND STANDARD AVAILABLE ON REQUEST CONTACT WTK NOT AVAILABLE



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