



HEAT EXCHANGERS

FOR VENTILATION, AIR CONDITIONING AND COOLING



PZH
CERTIFICATE



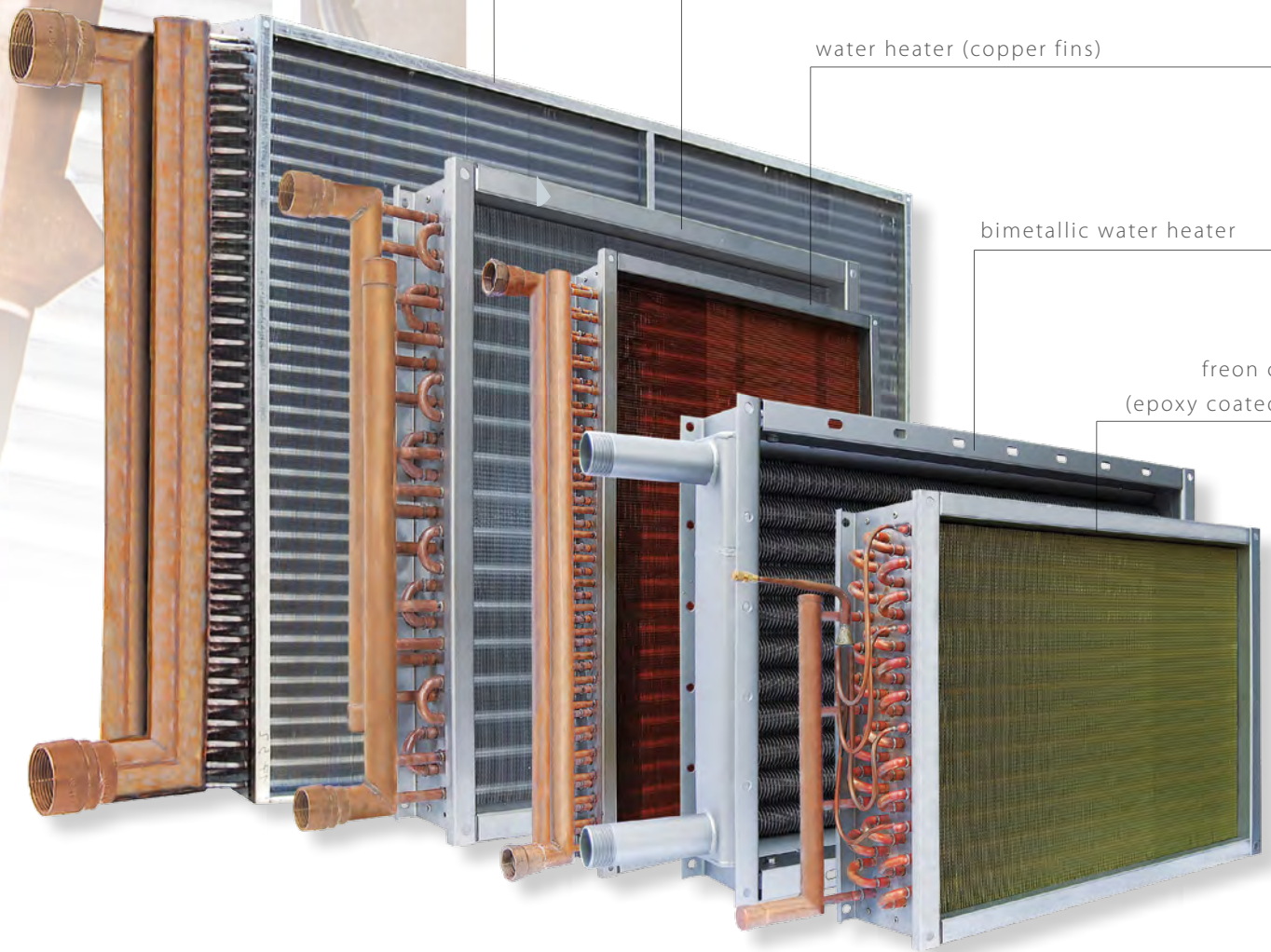
fin water cooler

fin water heater


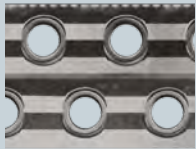
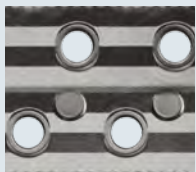

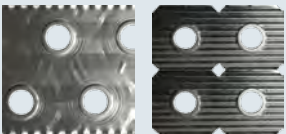
water heater (copper fins)

bimetallic water heater



freon cooler
(epoxy coated fins)



FIN HEAT EXCHANGERS - TECHNOLOGIES

FINS	TECHNOLOGY	TUBE MATERIAL AND DIAMETER (mm)	FIN GEOMETRY H x B (mm x mm)	FIN MATERIAL	FIN SPACING (mm)	HEAT EXCHANGER TYPE
	T10	Cu;10(3/8")	25x22	Al; Cu; Al epoxy	1.8÷6.0	NLW; CLW; CF;SF
	T12	Cu;12	32x28	Al; Cu; Al epoxy; Inox	1.8÷6.0	NLW; CLW; CF;SF
	G12	Cu;12	40x34	Al; Cu; Al epoxy	2.0÷11.0	NLW; CLW; CF;SF
	O16	Cu;16(5/8")	60x30	Al; Al epoxy	2.4	NLW; CLW; CF;SF
	T16	Cu;16(5/8")	50x43	Al; Cu; Al epoxy	1.8÷6.0	NLW; CLW; CF;SF

FINNED-TUBE HEAT EXCHANGERS - HEATING ELEMENTS

HEATING ELEMENTS	HEATING ELEMENT OUTER DIAMETER (mm)	CORE TUBE MATERIAL AND DIAMETER (mm)	FIN MATERIAL	FIN SPACING (mm)	HEAT EXCHANGER TYPE	
BIMETALIC		38	Carbon steel (φ16); Stainless steel (φ 16)	Al; AlMgSi	2.8; 5.0	NP; NW
		58	Carbon steel (φ16); Stainless steel (φ 16)	Al; AlMgSi	2.8; 5.0	NP; NW
WOUND		35	Carbon steel Stainless steel	Carbon steel Stainless steel	3.5÷6.0	NP; NW

SERIAL PRODUCTION OF:

FIN HEAT EXCHANGERS

- water and glycol heaters (NLW)
- water and glycol coolers (CLW)
- freon coolers (CF)
- condensers (SF)

FINNED-TUBE HEAT EXCHANGERS

- steam heaters (NP)
- water heaters (NW)



WE ALSO OFFER:

- replacement heat exchangers for common water heaters, steam heaters and condensers in accordance with the standards
- non-standard heat exchangers based on custom drawings and specifications
- stainless steel and acid resistant steel heat exchangers.

FIN HEAT EXCHANGER DESIGN

max. permissible temperature 130°C; working pressure up to 1.6 MPa, power up to 1,000 kW

MANIFOLDS AND CONNECTORS Cu; threaded connectors (standard) Cu; flanged connectors Cu; smooth tube	FINS Cu/Al. (standard) Cu/Al. epoxy coated Cu/Cu
	FRAME WITH FLANGES galvanised steel sheet (standard) stainless steel sheet

FINNED-TUBE HEAT EXCHANGER DESIGN (water and steam)

max. permissible temperature 200°C; working pressure up to 1.6 MPa; power up to 1,500 kW

CONNECTORS threaded connectors (standard) flanged connectors welded connectors	HEATING ELEMENTS BIMETALLIC Al/carbon steel Al/stainless steel WOUND carbon steel/carbon steel stainless steel/stainless steel
	FRAME WITH FLANGES AND MANIFOLDS steel sheet (standard) stainless steel sheet

INTENDED USE:

- ventilation systems
- air handling units
- unit heaters
- heat recovery systems with intermediate refrigerant
- cooling systems
- cooling devices
- mechanical draught cooling tower

EXAMPLE USE



unit heaters
and coolers

air curtains



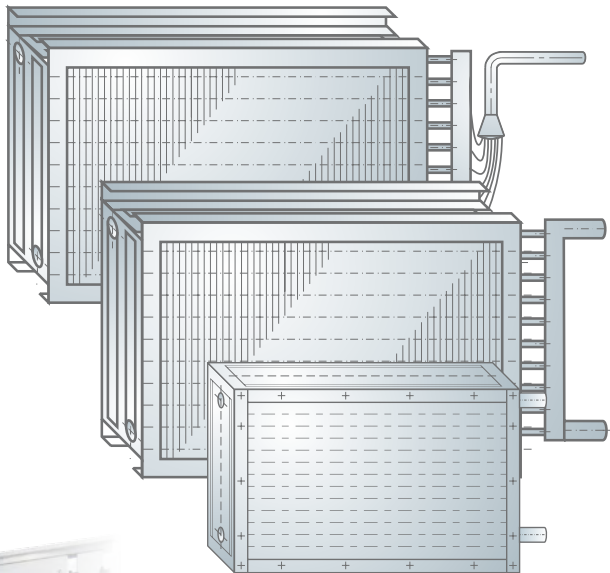
unit heaters



mechanical draught
cooling tower



cooling
units



air cooled
chiller



air handling
units



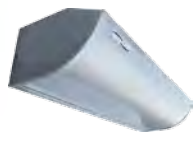
cooling towers



condensing
units

JUWENT OFFER

Air curtains



SMART



SILVER



KP/BN



KP/BB

Unit heaters



BRAVA



ROTON



TROPIC



TERM



UGW/D



UGCH

Roof fans and duct fans



WD



WDEx



WDJ



WDVO



WDV



WDH

Air handling units and heat recovery modules



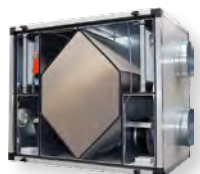
OPTIMAX



CSK i CM



OPTIHOME



RGS



CP



DAWGn

JUWENT has been established in 1992, with its core business comprising manufacture of HVAC equipment. Throughout this period, we have gained vast experience in production of heating, ventilation, air conditioning and cooling systems. The company's strategy consists in using state of the art technologies, high quality materials and components, which guarantees innovation and durability of manufactured devices. Our products can be used both in large production floors, mines, supermarkets and small facilities, such as offices, garages and stores. We have an extensive offer of solutions, including various HEAT EXCHANGERS presented in this brochure.



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