

Your partner for special applications. LU-VE worldwide.

HTS

HEAT TRANSFER SYSTEMS



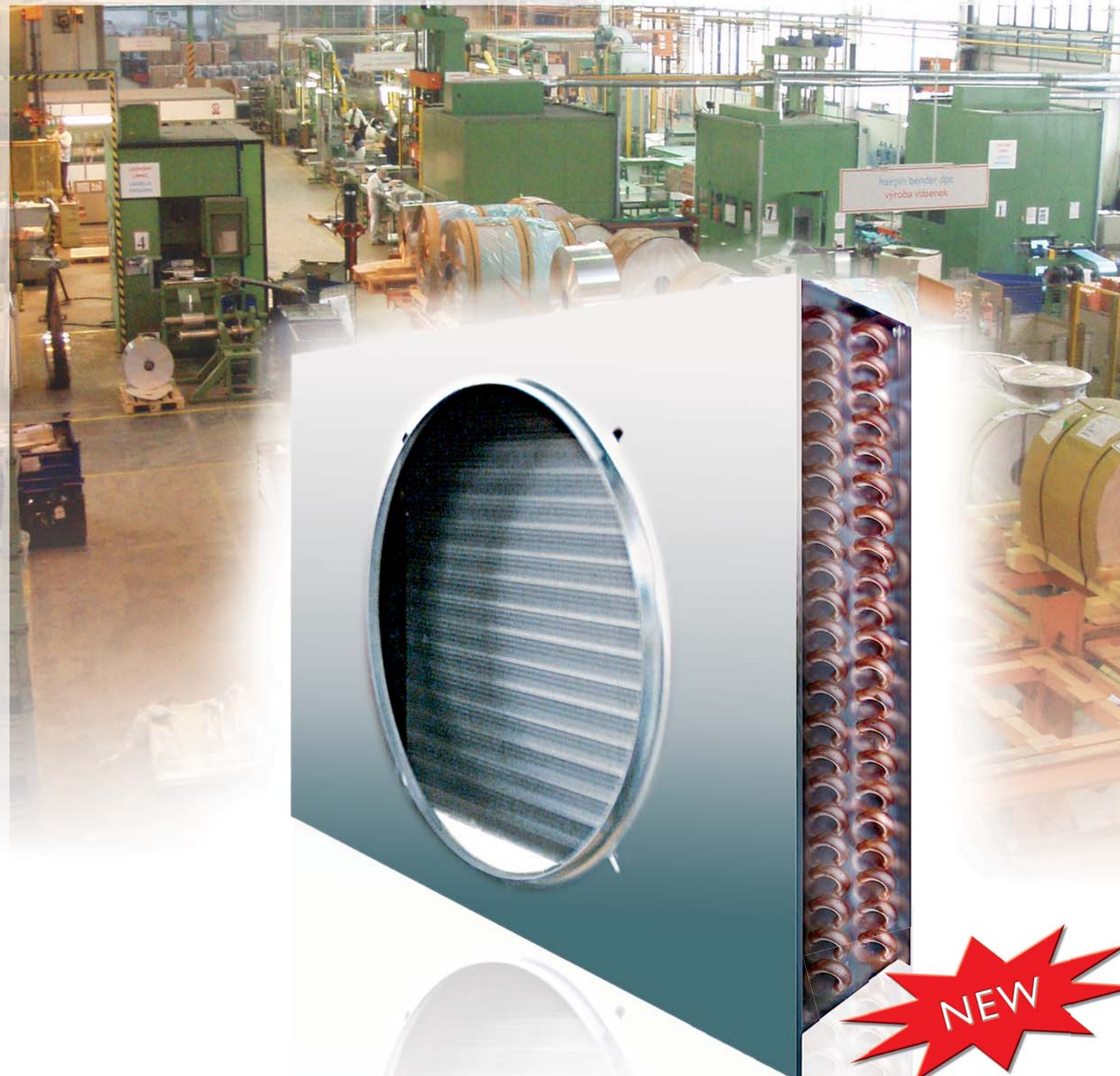
HTS

HEAT TRANSFER SYSTEMS

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a company of the **LU-VE**
GROUP

CAPV_1/2005



ADVANCED TECHNOLOGY CONDENSER



HTS, part of the worldwide LU-VE Group is specialised in designing and manufacturing finned heat exchangers and tube components for the refrigeration and airconditioning industry. We are already known as a reliable partner based on highest quality standards, modern equipment and well-trained employees.

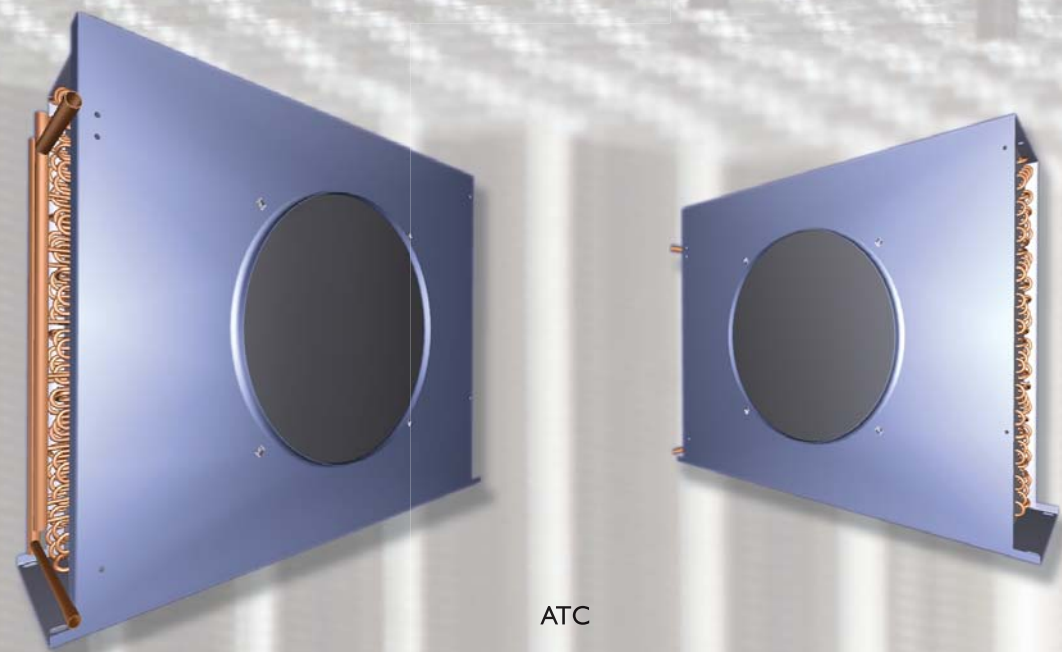
Based on customer orientation, flexibility, tailor-made solutions and ISO-certified quality in large and small series, we have continuously grown to one of the leading manufacturers in our business. We provide outstanding quality and excellent service to our customers directly from the heart of Europe.

ATC - Advanced Technology Condensers

In addition to our standard products we would like to introduce to you a new range of condensers. The line is called ATC - Advanced Technology Condensers and consists of the coil body made from aluminium fins and copper tubes.

The most important features of our condensers are:

- high heat exchange given by the grooved tube technology and special waving of the fins.
- compact design and reduction of the internal volume, with important reduction of refrigerant charge.
- firm performance in the long run, assured by the special configuration of refrigerant tubes.
- perfect internal cleaning by the use of the most advanced processes and materials.
- easy and quick fitting fan shrouds which increase sensibly condenser performances.
- excellent combination of compressors with our condensers, specifically matching the range of the most important compressor manufacturers.
- optimum fan shroud design, and plenum chambers arrangement for an enhanced performance of the fan.



ATC

Guarantee 2 years

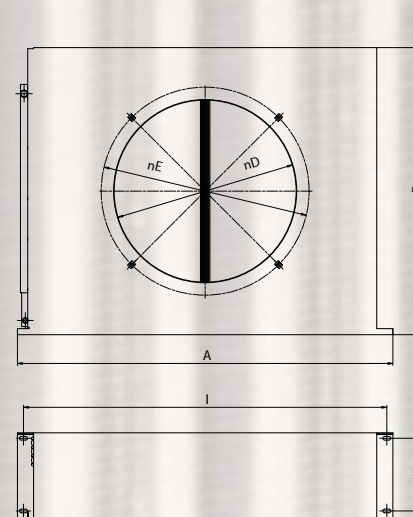
All our products are produced with high quality materials and undergo severe quality tests. They are therefore guaranteed against defective workmanship and material for a period of two years from date of shipment. Any damage caused by corrosive agents are excluded. If a defect should develop return the equipment or the part, with prepaid freight, to our factory where it will be checked and replaced or repaired, according to our judgement. No responsibility is taken by us for damages caused by use or misuse of our products. No guarantee is granted in the event of bad or incorrect use of the products. We reserve the right to make changes in specifications or design, at any time, without notice and without obligation to purchasers or owners of previously sold equipment.



Type												
ATC Type	32	33	44	53	64	84	104	114	124	135		
Finned Length	400	400	450	700	700	800	1040	1250	1490	1490		
RNQ	14	14	16	16	22	28	24	25	26	32		
RNL	2	3	4	3	4	4	4	4	4	5		
N° Streams	2	2	3	4	5	6	8	10	12	16		
Air Flow (m³/h)	1875	1710	1840	2528	3884	4577	7248	7804	9100	12650		
Capacity (kW)	4,3	5,7	8,9	10,2	17,4	21,3	29,1	34,3	41,1	60,7		
Air Pressure Drop (Pa)	51,8	68,0	69,7	43,2	68,2	49,1	84,3	66,9	60,9	92,0		
Air Temp. Exit (°C)	31,8	34,8	39,2	36,8	38,2	38,7	36,8	37,9	38,2	39,0		
Common data												
Copper Tube 7 x 0,25/0,18 Grooved; Geometry 25 x 21,65; Fin Material Al - Louvered; Fin Space 2,5 mm; Fin Thickness 0,1 mm												
Conditions: Condensing Temperature 45°C; Temperature Refrigerant Entry 75°C; Undercooling 5 K; Temperature Air Entry 25°C												
Dimensions												
Measure	A	mm	504	504	554	830	830	930	1100	1310	1550	1550
	B	mm	361	361	411	411	561	711	611	636	661	811
	C	mm	132	132	153	203	222	222	222	222	242	242
	D	mm	310	310	358	358	451	451	451	451	451	508
	E	mm	350	350	422	422	515	515	515	515	515	565
	F	mm	35	35	35	35	35	35	49	49	49	49
	G	mm	314	314	364	364	514	562	362	362	362	362
	H	mm	100	100	100	180	180	180	180	180	270	270
	I	mm	474	474	524	800	800	900	1070	1280	1520	1520
	J	mm	X	X	X	X	X	X	535	640	760	760
	K	mm	X	X	X	X	X	X	520	625	750	750

ATC Drawings

ATC - 32, 33, 44, 53, 64, 84



ATC - 104, 114, 124, 135

