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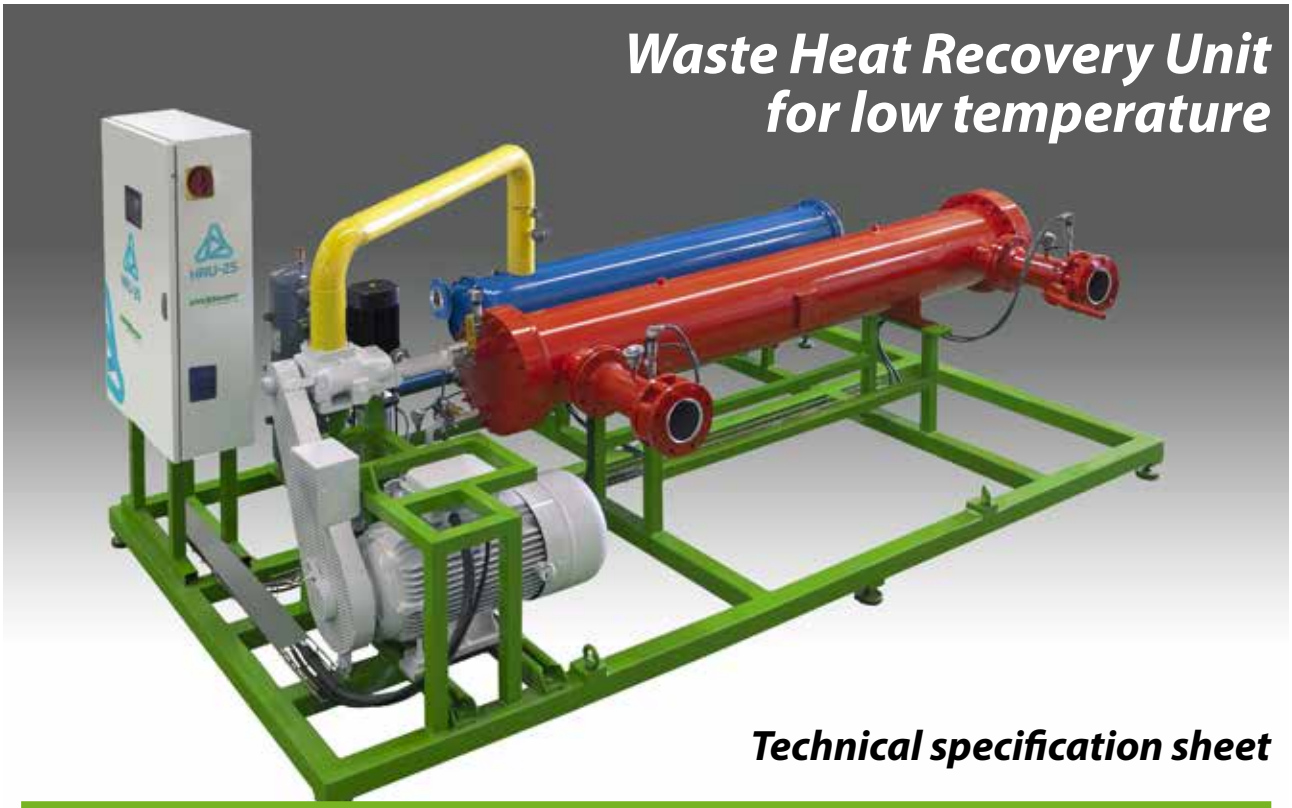
HRU-25

Waste Heat Recovery Unit for low temperature



Technical specification sheet

Hot Water Inlet Temperature	ºC	95			90			85		
Hot Water Outlet Temperature	ºC	88	88	88	83	83	83	78	78	78
Hot Water Flow	m^3/h	33	33	33	33	33	33	33	33	33
Thermal Power Recovered	KWt	272	279	275	272	279	275	272	279	275
Cold Water Inlet Temperature	ºC	26	16	8	26	16	8	26	16	8
Cold Water Outlet Temperature	ºC	32	22	14	32	22	14	32	22	14
Cold Water Flow	m3/h	35	35	35	35	35	35	35	35	35
Thermal Power Exchanged	KWt	238	241	236	239	243	237	243	247	241
Gross Electric Power	KWe	**19,0**	**21,8**	**23,6**	**17,4**	**20,2**	**22,0**	**13,4**	**16,2**	**18,0**
Shelf-Power Consumption	KWe	1,9	2,0	2,1	1,9	2,0	2,1	1,9	2,0	2,1
Net Electric Power	KWe	17,1	19,8	21,5	15,5	18,2	19,9	11,5	14,2	15,9
Gross Efficiency	%	7,0	7,8	8,6	6,4	7,2	8,0	4,9	5,8	6,5
Final (Net) Efficiency	%	6,3	7,1	7,8	5,7	6,5	7,2	4,2	5,1	5,8
Power Recovered (+)	KWt	272	279	275	272	279	275	272	279	275
Power at Condenser (-)	KWt	238	241	236	239	243	237	243	247	241
Gross Electric Generated Power (-)	KWe	**19,0**	**21,8**	**23,6**	**17,4**	**20,2**	**22,0**	**13,4**	**16,2**	**18,0**
Shelf-Power Consumption (-)	KWe	1,9	2	2,1	1,9	2	2,1	1,9	2	2,1
Radiation Power (-)	KWt	13,6	14,0	13,8	13,6	14,0	13,8	13,6	14,0	13,8

Unit weight (1)		kg	2.100
Dimensions (1)	*Width*	m	2,38
	Length	m	3,15
	High	m	1,75

* *Please, contact us for other temperature data*

* *Power rating for wáter. Please, contact us for other fluids*

(1) Includes refrigerant, control system and mounting. Please, contact us for cointainered unit or compact design with plate-type heat exchangers

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