HEAT RECOVERY UNIT
AIRWATT 22 – 315

DESCRIPTION

External heat recovery unit AirWatt is intended for recapturing waste heat, which is generated at air compression. Up to 70% of energy, consumed by compressor may be in form of heat. Recovered heat may be used for heating domestic hot water or for central heating. Recovered heat may represents significant savings and reduced load on environment.
AirWatt has two separate piping systems, through which flows water and oil. Device is connected to oil circuit of the to cool down. Inside built-in plate heat exchanger oil cools and water exchange heat.

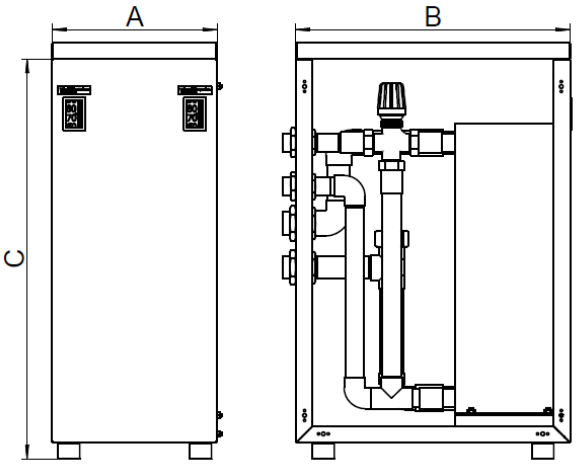


TECHNICAL SPECIFICATION

Operating pressure (oil)	1 – 16 bar
Maximum water pressure	10 bar
Operating temperature	5°C – 120°C
Maximum output water temperature	70°C
Oil drop (oil)	~ 100mbar
Ambient temperature	5°C – 55°C
Water temperature indicator	Analog mechanical

MATERIALS

Housing	Steel sheet metal
Outside protection	Powder paint coated (Epoxy-polyester base)
Heat exchanger	Stainless steel
Pipes	Stainless steel
Connections	Brass, copper
Feet	NBR



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SIZES

MODEL	CONNECTIONS		COMPRESSOR POWER	RECOVERABLE ENERGY*	DIMENSION			PIPELINE VOLUME	WEIGHT
	OIL	WATER	[kW]	[kW]	A [mm]	B [mm]	C[mm]	[dm^3]	[kg]
AirWatt 22	G 1”	G 1''	7,5	5,6	410	620	660	2,7	33
			11	8,3					
			15	11,3					
			18	13,5					
			22	16,5					
AirWatt 37	G 1”	G 1''	30	22,5	410	620	660	3,2	35
			37	29,6					
AirWatt 75	G 1”	G 1''	45	33,8	410	620	660	4,9	42
			55	41,3					
			75	56,3					
AirWatt 132	G 2”	G 2”	90	67,5	480	950	860	8	53
			110	82,5					
			132	99					
AirWatt 200	G 2”	G 2”	160	120	480	950	860	11	78
			180	135					
			200	150					
AirWatt 315	G 2”	G 2”	250	187,5	480	950	860	16	90
			280	210					
			315	236					

MAINTENANCE

For maintenance, please follow the operating manual. Check the dryer operation weekly.

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