

FEATURES AND BENEFITS

RES (75 TO 2000 SCFM)

The RES Series is the ideal solution to reliably and economically dry compressed air. The innovative technology does not require a recirculating pump and associated piping. This results in a simpler, more energy efficient design.

Stainless steel brazed plate 4-in-1 heat exchanger (patent pending), with phase change material reservoir

- The PCM thermal reservoir operates at a precise temperature to deliver a stable pressure dew point.
- Smooth, non-fouling stainless steel surfaces promote low resistance to flow, optimizing air system efficiency

No-air-loss, demand drain efficiently removes condensate without loss of compressed air

- Condensate drain lines terminate at discharge connections conveniently located on the side of the dryer
- Failure to discharge alarm on the operator interface enhances system reliability

High efficiency, up-flow aluminum air-cooled condenser

- Pulls ambient air through the condenser and releases out the top of the dryer condenser
- Provides cooler condensing air and greater efficiency

Reliable, semi-hermetic refrigerant compressors

- Environmentally friendly, globally accepted refrigerants
- Rugged design, for long-term operation

Integral Moisture Separator

- Included in RES75 – RES2000



Controller with LCD display provides ease of monitoring and operating status

- Energy saving (%), dryer operating time, refrigeration compressor operating time, active fault message dew point status, and
 - USB connection port to download operating data and upgrade firmware
 - Remote monitoring capability - RS485 communications port



TECHNICAL DATA

DRYER MODEL	INLET FLOW SCFM	PRESSURE DROP PSI	VOLTAGES	INLET/OUTLET CONNECTIONS	OPERATING POWER KW	DIMENSIONS			APPROX WEIGHT LB
						H IN	W IN	D IN	
RES75	75	2.9	115/1/60	NPT 1"	0.54	30	14	24	120
RES100	100	3.0			0.62	28	14	31	147
RES150	150	3.6			0.85	30	17	36	189
RES200	200	2.2			1.32	30	18	38	217
RES300	300	3.6	Standard voltage 430/3/60 Optional voltage 575/3/60	NPT 2"	1.99	36	19	44	324
RES400	400	2.5			2.54	36	19	44	335
RES450	450	3.0			3.23	41	20	49	366
RES550	550	3.0			3.42	41	20	49	396
RES800	800	3.7			4.3	59	32	59	1056
RES1000	1000	5.0			5.84	59	34	62	1211
RES1250	1250	4.6		7.6	59	39	62	1537	
RES1500	1500	3.9		9	59	39	62	1766	
RES2000	2000	3.1		10	59	39	69	2028	

Performance data presented in accordance with ISO 7183 (Option A2) conditions: 100°F inlet temperature, 100°F ambient temperature and 100 psig conditions.

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