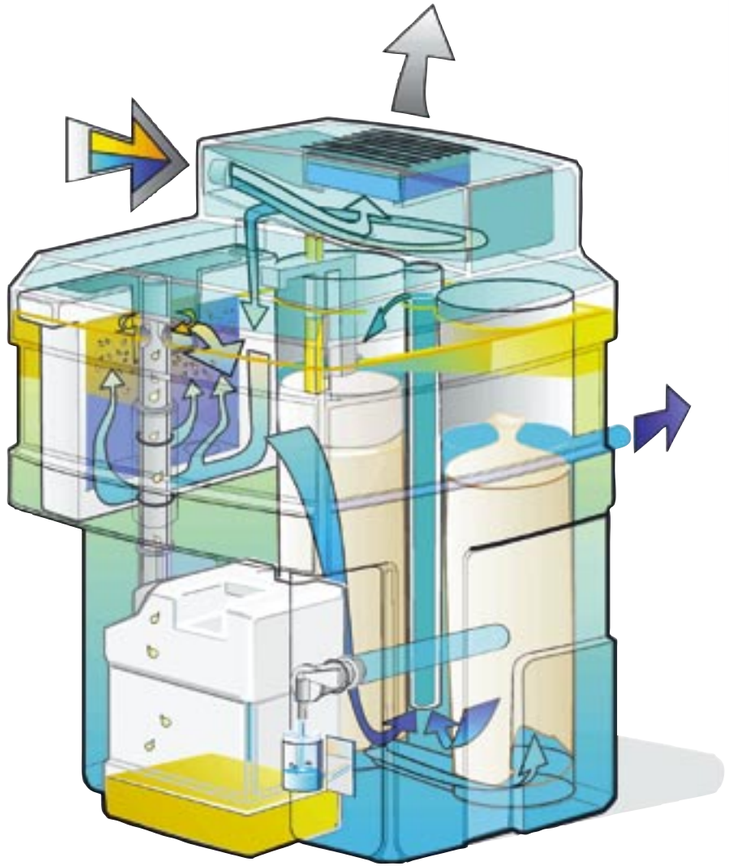
Oil/Water Separators

OIL/WATER SEPARATORS FOR THE PURIFICATION OF COMPRESSED AIR CONDENSATE

A drain separates oily condensate. The next stage is critical because condensate consists of approximately 97% water – and only 3% contaminant. Anyone who pays a specialist company for the disposal is wasting money. Gardner Denver GDW is a reliable, in-house processing system for the purification of compressed air condensate. Initially, a pressure-relief chamber separates the condensate and expanding air. The condensate then passes through a sedimentation compartment – which is easy to remove and clean. The next step uses coalescing foam for additional oil separation. The free-floating oil is siphoned off into a container. The water is purified in the activated carbon adsorber, after which the pure water leaves the unit ready to be drained.

Gardner Denver GDW comes in seven different sizes. The smallest is 2 m^3/min and the biggest is 120 m^3/min, allowing a perfect match for our customers.



type GDW	compressor capacity (nominal)		connection	dimensions in mm			volume	preadsorber	eff. activated carbon volume
	Nm^3/min	kW		height	depth	width			
5	2	11	1/2“	585	400	395	25	1.5	4
10	4.16	22	1“	655	430	440	50	3	8
15	7.5	45	1“	725	460	477	75	3	12
30	15	90	1“	840	510	665	150	5	22
60	30	200	1“	961	650	775	300	5	30
120	60	315	1“	961	650	1750	600	10	60
240	120	710	1“	961	650	3700	1200	20	120

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