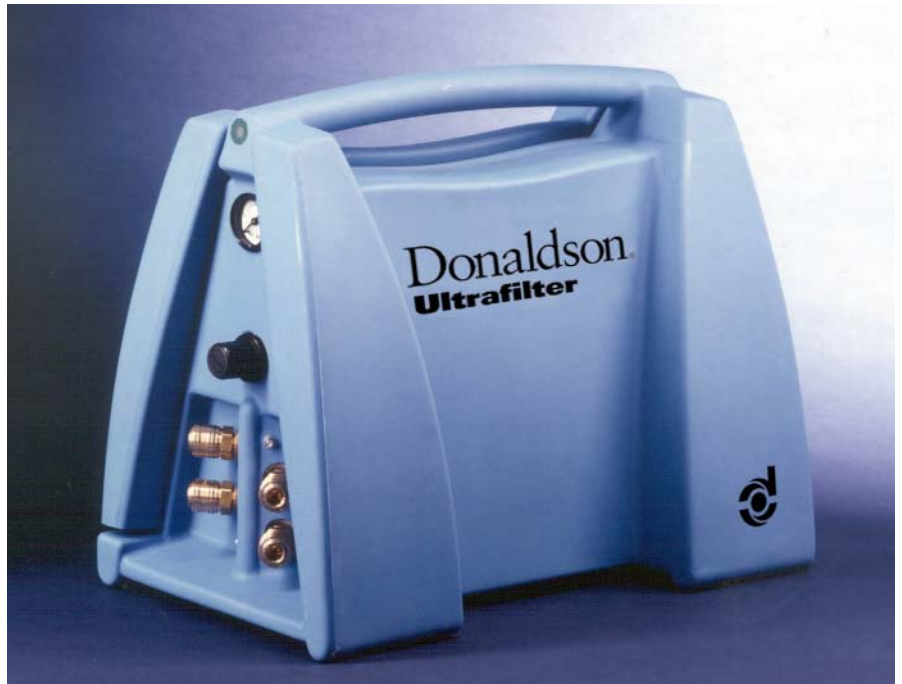


Ultrapure ALG 20

Breathing air unit including microprocessor- controlled differential pressure gauge

The Ultrapure ALG 20 is applied when the breathing air is contaminated by the working process itself, as for example during sandblasting, varnishing, paint production, in chemical industries, in plastics industries or working places where the air quality is impaired. If the compressed air is centrally pre-purified and carbon monoxide (CO) and carbon dioxide (CO₂) concentration in the compressed air do not exist, the Ultrapure ALG 20 with its two respectively three filter stages is used as an additional solution for purification application. The Ultrapure ALG 20 is installed downstream of the compressed air system. With a volume flow rate of 60 m³/h (90 m³/h max.) the system can provide up to four persons with breathing air. The breathing air unit Ultrapure ALG 20 in the standard-version includes a high-rate filter combination consisting of one sub-micro filter SMF and one activated carbon filter AKP. With higher impurity of the compressed air system a micro filter called MF can be installed as the third filter stage. Condensate is discharged via a mechanical float-controlled drain and is collected in a condensate container fixed outside the casing. The Economizer which is integrated in the Ultrapure ALG 20, determines the most efficient time for a filter exchange via a microprocessor controlled differential pressure gauge and reduces operating cost by up to 70%. For particles and oil in the compressed air, this system reaches quality class 1. The integral pressure regulator can regulate inlet pressure values of 16 bar max.



Ultrapure ALG	capacity at 7 bar operating pressure m ³ /h		Connection	Weight	Filter-elements
	nominal	maximal			
0020*	60	90	4 x 3/8"	7 kg	(MF) SMF AKP

* without CO – and CO₂ removal. For this, the ALG S series can be used.

