

Air treatment system with adsorption dryer, CO-, CO₂-, NOX- and SO₂ adsorber, pre-filter, final filter and condensate drain.

MEDICAL DRYERS

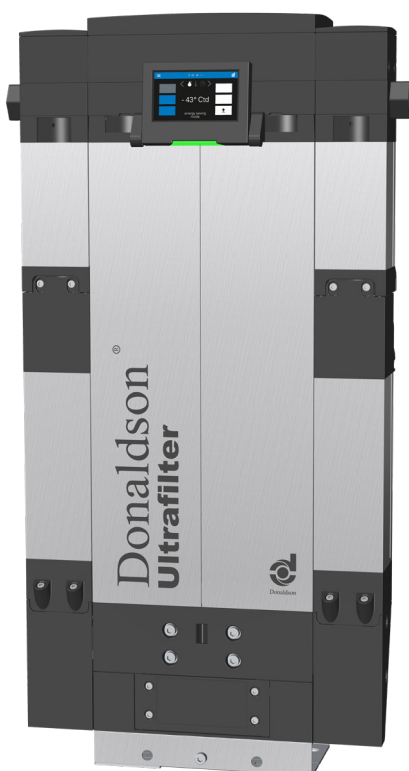
The MEDIPAC dryers based on the adsorption devices are used to ensure clean and dry compressed air in accordance with the suitable medical standards and requirements.

Ultrapure Smart Standard

- adsorbent in replaceable cartridges,
- compact design and small dimensions,
- replacement indicator of consumables, informing about optimum time for replacement of the dryer filtration elements and cartridges, ensuring safe operation of the device at the same time,
- unique integrated control block, ensuring comfortable maintenance.

Ultrapure Smart Superplus

- control dependent on load - operation cycle adapts automatically to the moisture load at the inlet, which affects the regenerated air saving and reduction of operating costs,
- possible intermittent operation - ensures compressed air saving,
- self-diagnosing system - full monitoring of the regenerated air flow parameters by the sensors.



Typ	Flow*	Regeneration consumption* (average)	Outlet flow rate* (minimum)	Power supply	Connection	Weight kg
	m ³ /h	m ³ /h	m ³ /h	V/Hz/Ph		
Ultrapure Smart 0005	5	0,85	3,94	230/50/1	G 1/2	16
Ultrapure Smart 0010	10	1,70	7,90	230/50/1	G 1/2	26
Ultrapure Smart 0015	15	2,55	11,82	230/50/1	G 1/2	38
Ultrapure Smart 0020	20	3,40	15,80	230/50/1	G 1/2	48
Ultrapure Smart 0025	25	4,25	19,75	230/50/1	G 1/2	58
Ultrapure Smart 0035	35	5,95	27,65	230/50/1	G 1	60
Ultrapure Smart 0050	50	8,50	39,50	230/50/1	G 1	80
Ultrapure Smart 0065	65	11,05	51,35	230/50/1	G 1	101
Ultrapure Smart 0080	80	11,05	51,35	230/50/1	G 1	121
Ultrapure Smart 0100	100	13,60	63,20	230/50/1	G 1	141

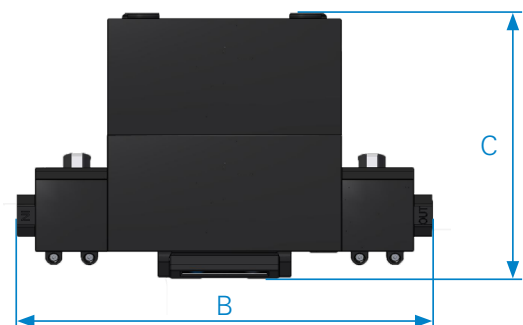
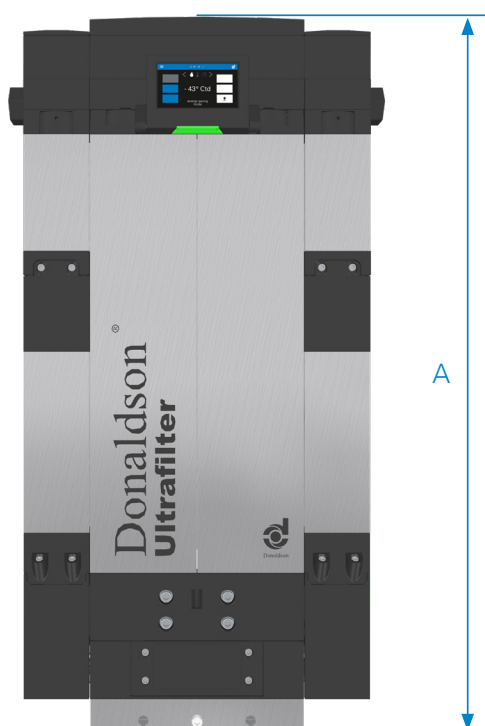
***Reference conditions:**

Operating pressure 7 bar
 Compressed air temperature 35°C
 Ambient temperature 20°C
 Pressure dew point -40°C +/- 1

Limit conditions:

Min/max operating pressure 4 bar/16 bar (0005 - 0025), 4 bar/12 bar (0035 - 0100)
 Max compressed air temp. on the inlet +50°C
 Min/max ambient temperature +4°C/+50°C

	Type	A mm		B mm	C mm		Masa kg
		Standard	Superplus		Standard	Superplus	
MINI	0005	490	497	314	172	191	16
	0010	757	764	314	172	191	26
	0015	1024	1031	314	172	191	38
	0020	1291	1298	314	172	191	48
	0025	1558	1565	314	172	191	58
MIDI	0035	849	866	464	276	291	60
	0050	1113	1130	464	276	291	80
	0065	1377	1394	464	276	291	101
	0080	1641	1658	464	276	291	121
	0100	1905	1922	464	276	291	141



Air Quality related to standard inlet conditions	
Particles	1-2 class: ISO 8573-1
Residual Oil Content	< 0,01mg/m ³ (1 class: ISO 8573-1)
Oil Vapour and Hydrocarbons	< 0,003mg/m ³ (1 class: ISO 8573-1)
Water Vapour	PDP-40°C =0,11 g/m ³ (2 class: ISO 8573-1)
CO ₂	< 500ppm
CO	< 5 ppm
SO ₂	< 1 ppm
NO _x	< 2 ppm
Taste and Odours	-