

**DOPL**



► **FILTERING CEILINGS FOR OPERATING THEATRES ISO 5 ACCORDING TO ISO 14644 RISK 4 ACCORDING TO NFS 90-351**

**Description**

**DOPL:** filtering ceilings for operating theatres with unidirectional flow on entire surface to protect including set-up for surgical lighting

- made of galvanised steel, thickness 1 mm, RAL 9010 white epoxy coating
- pressure plugs
- outer 25 mm flange
- side intake dimensions (A x B)
- filter support frame th. 1.5 mm
- stainless steel filter fastening device
- air diffusion via perforated metal sheet with RAL 9010 finish (40% empty/full)
- standard height 450 mm
- suitable for H14 - U15 68-mm thick filters
- FAL 4 = H14 filtration

**Special executions**

- in AISI 304 stainless steel (on request)
  - lowered height (on request)
  - custom connections (on request)
- DOP:** ceiling without surgical lighting layout (on request)

**According to ISO 14644**

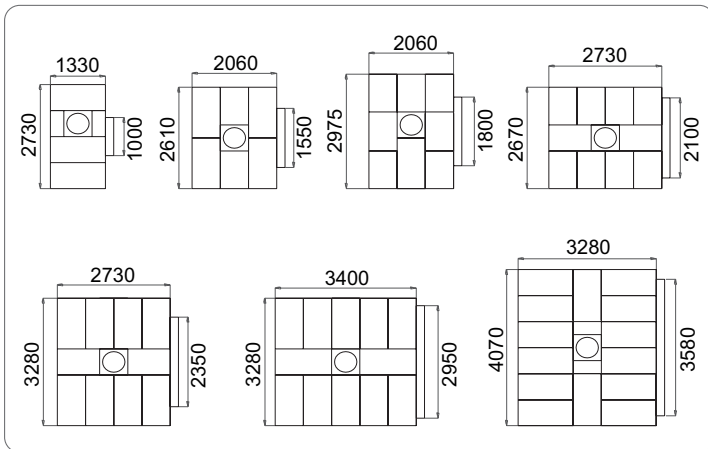
- ISO 5 for complex surgical interventions such as transplants, prosthesis implantation, neurosurgery, oncology, orthopaedics, lasting more than 60 minutes
- ISO 7 for surgical interventions without implant of foreign materials, such as minimally invasive vascular surgery, obstetrics, ophthalmology
- ISO 8 for minor surgical interventions such as visceral surgery, day surgery, urology

**According to NFS 90-351**

- Risk 1:** zero risk or virtually zero risk of infection, e.g. standard treatment room, waiting room or transit area
- Risk 2:** medium risk of infection, e.g. rehabilitation room, maternity ward, recovery room, etc.
- Risk 3:** high risk of infection, e.g. radiology room, intensive care, neurosurgery or cardiology ward
- Risk 4:** very high risk of infection, e.g. orthopaedic operation, transplant ward or hyperbaric chamber

All prices are list prices for local market, for a quotation please contact us.

**Dimensions**



**Price list**

Code	LxH	FAL4...	FAL5...
DOPL273133	2730x1330	5700	OR
DOPL261206	2610x2060	7500	OR
DOPL267273	2670x2730	10200	OR
DOPL2975206	2975x2060	8700	OR
DOPL328273	3280x2730	13200	OR
DOPL328340	3280x3400	15500	OR
DOPL407328	4070x3280	18500	OR

Prices including H14 filters

**Selection table**

Code	LxH	AxB	No. modules	Weight	No. filter	Air flow in m <sup>3</sup> /h, based on velocity from filters in m/s					
						0.25	0.28	0.3	0.32	0.35	0.4
DOPL273133	2730x1330	1000x200x150	1	202	(2x) 3.6 + (3x) 12.6	2350	2650	2840	3000	3280	3600
DOPL261206	2610x2060	1550x200x150	2	245	(2x) 9.6 + (4x) 12.6	3700	4100	4390	4700	5140	5700
DOPL267273	2670x2730	2100x200x150	2	330	(10x) 9.6	5000	5600	6000	6400	7000	7800
DOPL297206	2975x2060	1800x200x150	2	264	(7x) 9.6 + (1x) 12.6	4200	4700	5335	5350	5852	6200
DOPL328273	3280x2730	2350x200x150	4	390	(2x) 9.6 + (8x) 12.6	6350	7100	7600	8100	8860	9800
DOPL328340	3280x3400	2950x200x150	4	455	(12x) 12.6	8000	9000	9640	10300	11270	12400
DOPL407328	4070x3280	3580x200x150	4	534	(14x) 12.6 + (2x) 3.6	9700	10850	11625	12400	13560	15000