

# Resistant to acids and high thermal loads

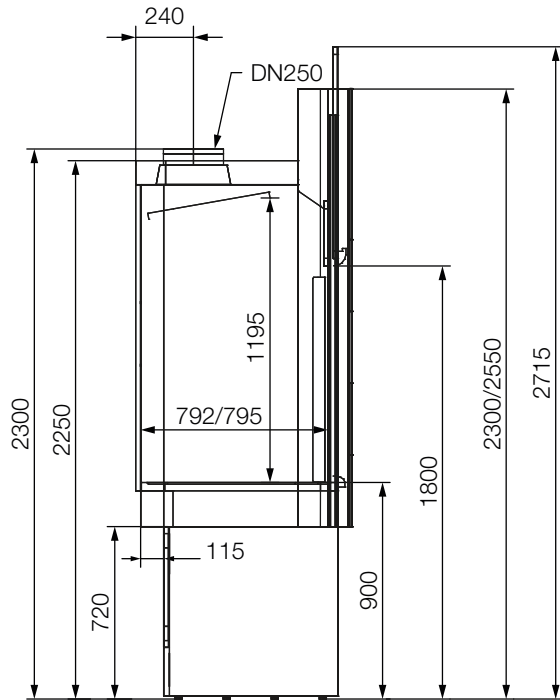


High-performance fume cupboards can withstand high levels of chemical stress. Work safely - even when distilling strong inorganic acids such as sulphuric, nitric and hydrochloric acid or aqua regia.



- ✓ Certified in accordance with EN 14175 Part 7
- ✓ Resistance due to lining made of ceramic or polypropylene
- ✓ Special air flow technology enables work with high thermal loads
- ✓ Extract air scrubber for extract air purification optionally available





| Width                                  | 1200        | 1500        | 1800        | 2000        | 2100        |
|--|-------------|-------------|-------------|-------------|-------------|
| Front height                           | 2300 / 2550 | 2300 / 2550 | 2300 / 2550 | 2300 / 2550 | 2300 / 2550 |
| Chamber height                         | 2300        | 2300        | 2300        | 2300        | 2300        |
| Depth                                  | 900         | 900         | 900         | 900         | 900         |
| Usable space width with PP lining      | 1090        | 1390        | 1690        | 1890        | 1990        |
| Usable space width with ceramic lining | 1080        | 1380        | 1680        | 1880        | 1980        |
| Usable space height                    | 1195        | 1195        | 1195        | 1195        | 1195        |
| Usable space depth with PP lining      | 795         | 795         | 795         | 795         | 795         |
| Usable space depth with ceramic lining | 792         | 792         | 792         | 792         | 792         |
| Work height                            | 900         | 900         | 900         | 900         | 900         |
| Minimal permissible volume flow rate*  | 660         | 830         | 990         | 1790        | 1790        |
| Specified volume flow rate             | 720         | 900         | 1080        | 1900        | 1900        |
| Maximum permissible volume flow rate   | 1500        | 1500        | 1500        | 2000        | 2000        |

Dimensions [mm] / Volume flow rate [m³/h]

\* Alarm value

# High-performance fume cupboard with ceramic lining



When selecting a fume cupboard, the most important considerations are the activities you do and the substances you use.

|                                   | Suitable | Occasional use | Not suitable |
|-----------------------------------|----------|----------------|--------------|
| Organic solvents                  | x        |                |              |
| Weak acids                        | x        |                |              |
| Diluted inorganic acids           | x        |                |              |
| Cold concentrated inorganic acids | x        |                |              |
| Hot concentrated inorganic acids  | x        |                |              |
| Hydrofluoric acid                 |          |                | x            |
| Radioactive substances            |          |                | x            |
| High thermal load                 | x        |                |              |

# High-performance fume cupboard with polypropylene (PP) lining



When selecting a fume cupboard, the most important considerations are the activities you do and the substances you use.

|                                   | Suitable | Dependent on substance | Occasional use | Not suitable |
|-----------------------------------|----------|------------------------|----------------|--------------|
| Organic solvents                  |          | x                      |                |              |
| Weak acids                        | x        |                        |                |              |
| Diluted inorganic acids           | x        |                        |                |              |
| Cold concentrated inorganic acids | x        |                        |                |              |
| Hot concentrated inorganic acids  |          |                        | x              |              |
| Hydrofluoric acid                 | x        |                        |                |              |
| Radioactive substances            |          |                        |                | x            |
| High thermal load                 | x        |                        |                |              |