

The logo for IVL, consisting of the letters 'IVL' in a bold, blue, sans-serif font. It is positioned to the right of two horizontal lines, one above and one below the text.

BEDRIJFS | KLIMAAT
KOELING | TECHNIEK



CLIMATE TECHNOLOGY

AT ITS BEST

SPECIFICATIONS GERMINATION AND CLIMATE CABINETS



The well-known IVL germination climate cabinets have been widely used in various versions for many years.

We can adapt the cabinet to your specific requirements by adding options.

Energy saving can be achieved by opting for a version with LED lighting. As LED lighting emits less heat, there is a lower energy requirement for the cooling of the climate cabinet.

All cabinets are built and tested in our own workshop and they comply with the applicable regulations. They are supplied ready to plug in and ready for use, with detailed documentation.

We are happy to provide you with more information or a quote.

STANDARD MODEL

| | |
|---|---|
| Dimensions w x d x h | 820 x 900 x 2050 mm, including wheels |
| Finishing of interior/exterior | galvanised steel sheet with 150 micron coating, colour white |
| Insulation thickness | 60 mm |
| Number of grids | 8 units |
| Grid centre-to-centre spacing | 150 mm |
| Width x depth dimension of grids | 530 x 650 mm |
| Finishing of grids | stainless steel with polyester powder coating, white |
| Air-technical back panel | polyester-powder-coated stainless steel, white |
| Interior of the cabinet | polyester-powder-coated stainless steel, white |
| Cooling system | direct expansion compression cooling system, large-surface air cooler with centrifugal fan |
| Refrigerant | R134a (CFC and HCFC free) |
| Electric heater | stainless steel tubular element, power 250 W |
| Mains voltage | 1 phase, 230V/50Hz |
| Connected load | 0.6 KVA |
| Power consumption including lighting | 250 Watts |
| Temperature range | without light +2/+40 °C, with light + 4/+ 40°C |
| Temperature accuracy as function of place | 0.2 K or better |
| Lighting | left and right a total of 4 TLD 36W HF 840, installed such that the released heat does not affect the temperature in the germination compartment |
| Illuminance | 2500 Lux with 4 lamps (When more light is required, the cooling system can be extended to 8 lamps) |
| Lamp colour | white 840, other colours on request |
| Control | Microprocessor controller. The clear LCD display and the soft keys combined with the clear menu structure enable easy reading out. Setpoints, clock times, limit values, alarms and other parameters can be set. |
| Protections | <ul style="list-style-type: none"> • temperature and, if necessary, rv protection integrated in microprocessor controller • 1 protection pressure switch for high and low pressure for the cooling system |
| Various options available | <ul style="list-style-type: none"> • dimmable fluorescent lighting • LED lighting • humidification function up to 85% rv • drying function up to 15% rv • more or fewer shelves <p>Other options are available</p> |