

# Reflex Greenbox S1, compact hydraulic module for water-carrying systems

Article number: 8311120



## Features

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| Type                                | S1                                |
| Control type                        | Control Smart                     |
| Housing material                    | EPP                               |
| Max. system volume                  | 3.5 m <sup>3</sup>                |
| Ambient temperature                 | 5 – 30 °C                         |
| Max. permissible system temperature | 90 °C                             |
| Operating temperature               | 16 – 70 °C                        |
| Max. flow/return temperature        | 90/70 °C                          |
| Max. working pressure               | 4.5 bar                           |
| Max. sound pressure level           | 55 dB(A)                          |
| Type of protection                  | IP X4                             |
| Greenbox connection                 | G 2" coupling nut                 |
| System side top/bottom connection   | G 1 1/2" coupling nut / IG 1 1/2" |
| Connection MAG                      | AG 1"                             |
| Pipe inside diameter                | 39 mm                             |
| Electric connection                 | 230V/50Hz                         |
| Max. volume flow                    | 4.3 m <sup>3</sup> /h             |
| Flow rate characteristic value kvs  | 22.6 m <sup>3</sup> /h            |
| Height including ball valves        | 904 mm                            |
| Nozzle spacing for pump group       | 125 mm                            |
| Housing dimensions                  | 318x550x710 mm                    |
| Weight                              | 24.40 kg                          |

## Description

Reflex Greenbox

Compact hydraulic module for closed heating and cooling systems.

Functional unit comprising hydraulic part designed for wall mounting and electronic, ergonomically arranged controller with CE marking. The fully automatic hydraulic module offers the following functions in a compact housing with EPP insulation shell:

- Vacuum spray tube degassing of dissolved gases
- Automatic water make-up (with integrated system separator)
- Dirt, sludge and magnetite separation
- Water treatment (softening/demineralisation)
- Controller with troubleshooting wizard and history in the app
- Static pressure maintenance connection (MAG (expansion vessel))
- Water meter and conductivity sensor
- Temperature and pressure measurement
- Optional pressure reducer for the system separator
- Bluetooth connectivity