



Build-in Hand Dryer 142

IR sensor
Electronic timer unit
Compliant to rolling stock norms
5-year warranty



DAN DRYER build-in hand dryer is suitable for installation on board rolling stock.

Compliant to the following rolling stock norms

- EN 50121-3-2 (EMC)
- EN 50155 (Electronic Eqpt)
- EN 61000-6-1:2005
- EN 61000-6-3:2006
- EN 45545-2:2013+A1:2015 (Fire & Smoke, HL3)
- EN 45545-5:2013-A1:2015
- EN 61373 (Shock & Vibration, Cat. 1 Class B)

Installation

Air inlet to be held free. Minimum distance to facing surface: 10 mm. The outlet nozzle is meant for the mounting of a flexible aluminium hose.


Build-in

Air inlet to be held free. Minimum distance to wall: 10 mm.

Connection

Power supply 230 Volt, 50 Hz – through WAGO type connector. Insulation class: Class I. The hand dryer may be earthed through WAGO connector or externally on two 6 mm threaded grounding studs.

Technical data

Type	DAN DRYER build-in hand dryer, model 142
Height excl. outlet nozzle	246 mm
Height incl. outlet nozzle	293 mm
Width	297 mm
Depth	122 mm
Outlet nozzle (outside)	Ø80 mm
Connection	230 V, 50 Hz, Class I 
Heating element	1500 W
Motor	110 W
Max. air capacity	72 l/sec.
Net weight	4,8 kg

Customisation options

- Activation via pushbutton or through IR sensor.
- Heating element in different capacities (up to 2250 W)
- Option for use as combine hand dryer / recirculation heater

Housing

2 mm raw or powder-coated (white) aluminium plate.

Air volume

72 l/sec. measured at the outlet. A precondition for a high air volume is that the flexible hose is kept as short and as straight as possible to avoid air pressure build-up.

Motor

110 W radial fan motor with sealed ball bearings. Brushless. Humidity protected. Automatic thermal cut-out.

Heating element

1500 W Chromium-nickel filament coil mounted in a non-inflammable cone. Automatic thermal cut-out.

Timer

Electronic timer unit to be activated through external IR sensor.

IR sensor

External IR sensor unit controlled by the timer is included with the dryer unit. Standard length of connector cable: 70 mm (other lengths on request).

Outlet

The outlet nozzle is meant for the mounting of a standard flexible aluminium hose. Such compressed flexible hose can be supplied.

Functionality

Upon activation, the dryer will run until hands are removed again. Automatic stop after 3 min. of continuous use.