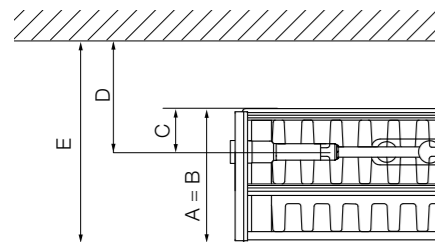




PHD Panel are fitted as standard with the kit for energy saving low temperature operation with preferential heat diffusion, and preset thermostatic valve.

* See the right positions of the connections.



Technical characteristics

- Working pressure 10 bar
- Test pressure 13 bar
- Maximum operating temperature 110 °C

Standard equipment

- Bottom connector 50 mm tappings centre, 3/4" outside thread
- 2 x 1/2" connections, internal thread on opposite side of the thermostatic insert with:
 - 1 x 1/2" blind cap provided, premounted
 - 1 x 1/2" vent plug provided, premounted
- Superior grid
- Lateral side
- Brackets and supports
 - **Models 21, 22 and 33** are without welded back supports and can therefore be mounted on the wall by means of the **F7** quick-fit brackets provided.
 - For types 21-22-33, all the steel panels that have got a bigger Height H than their Length L have got the divisible (separable) F7 brackets in the packaging. This bracket is functionally equal to normal F7 easy bracket (one piece) but is supplied in 2 pieces in order to be placed into the package; in the building site the upper part of the bracket has to be inserted inside the lower part, so that the entire bracket can be set up.
 - For **models 10 and 11**: 4 welded supports up to and including a length of 1600 mm; over this, 6 supports
 - **Models 10, 11** have welded back supports and can be mounted with brackets provided: **GB** for model 11, **D30** for model 10. Alternatively, floor anchors can be used.
- Supplied with preset thermostatic valve on the right; PHD 2.0 panel can be supplied with the insert on the left side (see order code modification).

Features

Models 21 and 22 are symmetric steel panels. It means that, by rotating the PHD internal diaphragm by using the specific tool, the steel panel can be rotated and installed with the valve on the left hand side. The codes for left hand side valve are not available on models 21 and 22. Models 10, 11 and 32 are not symmetric, there are available codes for right and left hand side valve. The code has to be modified as follow: turn the third last number from 3 to 5. Models 33 can be rotated, as models 21 and 22, but the hydraulic connections change. The thermostatic head must be ordered separately

Connection

- PHD Panels can be connected to either a one-pipe or two-pipe installation with a distributor with 50 mm tappings centre. The water outlet must always be connected to the inner connection of the connector with 50 mm tappings centre.
- For connection to both two-pipe and one-pipe installations, a distributor is required and must be specifically ordered (see The Plattella Thermostatic Accessories page for the range of distributors available).

Safety

- The sides of DL Radiators panels are fastened with screws, safer than the interlocking system adopted on other panel radiators.

Optional

Brackets and optional accessories are available on dedicated pages.

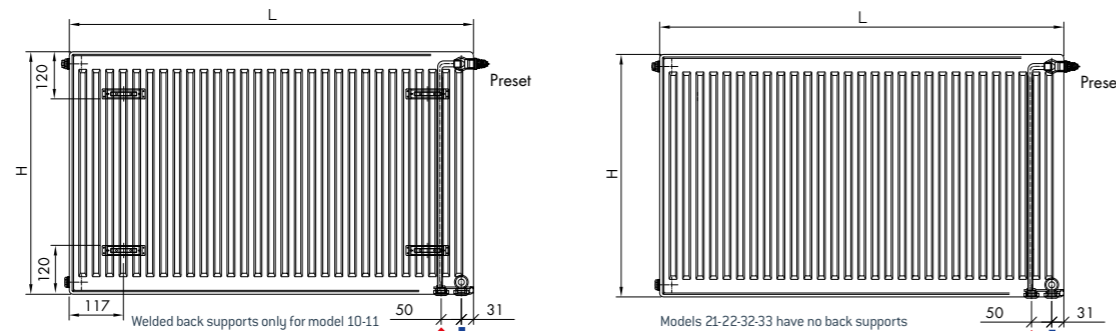
		Dimensions				
		10	11	21	22	33

panel depth excluding back supports	A	63	63	85	100	157
total depth - from the back of the support to the front panel**	B	63	75	85	100	166
distance from the back support to the connection	C	-	40	43	50	50
distance from wall to the centre of the connection (mounting the radiators on correct brackets: F7 for models 21, 22, 33; GB for model 11; D30 for model 10)*	D	34	56/64	73	80	80
total distance from the wall to the front panel (mounting the radiators on correct brackets: F7 for models 21, 22, 33; GB for model 11; D30 for model 10)*	E	69	91/99	115	130	187

* The total distance varies according to whether the GB bracket is mounted in position A or position B (choice of depth), model 10 mounted on D30 brackets

** Calculating the total size of the panel (from the wall to the front panel) with the chosen wall brackets: the useful length of the chosen bracket must be added to this measurement (see brackets page)

Front view



Upper view

