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Technical Description

ADVANCE Serie – Unit AL18 HI – TYPE 1, 3, 5

		Length :	Width :	Height:	
Dimensions:	Outside:	6.300 mm	2.930 mm	2.940 mm	inside 2.500mm

Construction: Floor and roof frames are fully welded of steel sheet profiles and tubes. Columns in steel tubes are bolted to floor and roof frames. One gutter profile is integrated in the roof frame on each short side. Permissible snow load on roof **1,4 kN/m²**
Rainwater drainage – drainpipes located on corner stanchions, diameter of drainpipes 100 x 100 mm. Containers are stackable (max. 3 units), according to minimum configuration table / wind zone.
Insulated forklift pockets
Exchangeable walls panels.

Corrosion protection: Internal steel frame parts (not visible / not exposed to humidity) are protected by anticorrosion primer. External steel frame parts (visible / exposed to humidity) are made of pre-galvanized steel sheet. Columns are of pre-galvanized tube. All welds are protected by anticorrosion primer.

Varnishing: Frames and structure coated with polyurethane paint color Platinum grey RAL 7036.

Floor: Welded floor frame made of folded steel sheet profiles and fitted with galvanized 0,50 mm metal sheet covering underneath.

Insulation: 160 mm of mineral wool

Floor board is 19 mm chipboard class placed on steel carrier beams.

$$U = 0,29 \text{ W / m}^2\text{K}$$

Non-slip PVC-Floor covering Tarkett Granit Multisafe R-10, placed in stripes, whole breadth glued, welded joints.

Floor loading (all floors): 3.000 N/m²

Roof:

Roof is made of trapezoid galvanized steel sheet 0,63 mm thick.

Insulation: 160 mm of mineral wool

Vapor roof insulator 0,15 mm.

$$U = 0,22 \text{ W /m}^2\text{K}$$

Ceiling is made of galvanised prepainted profiles with recessed joints. Colour of inner surface is RAL 9002.

Peripheral walls:

Removable sandwich 100 mm panels with female / tongue / female connections.

Two faces are of galvanized pre-painted steel sheet 0,45 mm.

Insulation: 100mm of mineral wool

Finishing is embossed steel sheet color Platinum grey RAL 7036 on external side & light grey RAL 7035 on internal side.

$$U = 0,37 \text{ W /m}^2\text{K}$$

Window:

2 - part PVC white window, 1.780 mm x 1.200 mm, one wing is tilt & turn, one wing is fixed.

Triple insulating glass 4 / 12 / 4 / 12 / 4 mm , window blind with manual control. **U = 1,0 W / m²K**

Outside door:

1 pc of outside prepainted steel sheet door with a 35 mm rockwool insulation, 900 mm x 2.100 mm, Flat design in ALU jamb with rubber gasket. ALU handle and fittings, **electrical lock, ABLOY lock** with three keys.

Door frame colour is white, colour of door wing is same as external walls.

$$U = 2,9 \text{ W / m}^2\text{K}$$

Inside door:

Wooden door 1.000 x 2.125 mm in steel frame with rubber gasket , color white ash, ALU handle with fittings cylindrical lock, rubber doorstop.

Electro installation FI:

Electric distribution box (230 V) standard, complete including 0,03A current earth,

Cables are located in the ceiling and in columns trims. A PVC duct is added when devices are not located in module's corners.

3 x Fluorescent light (2x36 W) / 1 unit

4 x Socket Merten with Children protection (230 V) IP20 / 1 unit,

2 x Switch / 1 unit.

2 x Data – socket with blind flange / 1 unit

The marking on the sockets specifies maximum wattage.

Possibility of multiple modules coupling.

Heating cables installed into the all 4 corner columns.

Heating:

Electro - convector 2,5 kW with Thermostat, **low temperature surface**, incl.

1x Socket for Heating,

Ventilation:

100 mm round wall opening in outside walls with PVC cover, possibility of closing.