


Model No.	Kalux-T	<b>NOWSTAR</b>		
INSIDE SIZE	6. 9x3. 9x2. 65		UNI EN ISO 9001 - 2000	
DESIGNER	Kevin	DATE		
AUDITOR		SCALE		

## Model No.:Kalux-T

### Standard Specification

#### Basement

##### Floor Arrangement

Full grilles made of 30x4mm flat bar and 10mm twisted steel, with surface galvanised treatment, loading weight is 600KG/wheel.

Full ramp is made of grilles which size is 3,500x2,500mm(WxL).

##### Covered Plate

made of bended galvanised steel, 300mm high.

##### Supporting Frame

made of galvanised square steel tube with 40x80mm(WxL) size, height can be adjusted for making the floor be flat.

##### Floor Filter

Fiber glass filter laid on the filter frame,G3 Grade(EN779), type is PA-50, filtering area: 10.35M<sup>2</sup>

#### Cabin

##### Inside Size

6,900x3,900x2,650mm(LxWxH).

##### Outside Size

7,000x5,350x3,400mm(LxWxH).

##### Entrance door

4-leaf, size is 3,200x2,600mm(WxH), made of bended steel without covered edge, with tempered glass embedded into square frame made of aluminium alloy, equipped with a set of pressure lock.

##### Personnel Door

1 unit, size is 700x2,000mm(WxH), with tempered glass embedded into square frame made of aluminium alloy.

##### Wall Panel

50mm thick and 1,000mm wide, insulation is EPS and covered by 0.6mm thick of color steel inside and outside. Tongue and groove interlock structure, two sides covered by steel.

##### Roof Panel

Made of 0.6mm thick bended galvanised plate.

##### Ceiling Light

Left and right upper position have 5 lighting fixtures, total 10 fixtures. Each fixture is equipped with 4 PHILLIP fluorescent tubes of 36 Watt with two in one electronic ballast.

##### Side Light

Left and right side have 5 lighting fixtures, total 10 fixtures, vertical installation. Each fixture is equipped with 4 PHILLIP fluorescent tubes of 36 Watt with two in one electronic ballast.

##### Plenum

CE shape, 450mm high, all spare parts of plenum are made of galvanised bended steel and

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treated by white paint for long using life.

#### Ceiling Filter

Supporting net is made of C shape steel with surface oil painted treatment, sub-high efficiency filter, F5 Grade(EN779), type is SP-600G.

### Makeup Air Units

#### Frame Size

1,500x1,250x3,100mm(LxWxH)

#### Cabinet Frame

made of 1.5mm thick bended galvanised steel, three way connector made of alluminium alloy.

#### Motor and Fan

Motor: direct drive; qty.:1pc; single motor power:7.5KW, total power:7.5KW;

Fan type: single intake turbo fan, total air capacity: 25,000m<sup>3</sup>/h.

#### Makeup Air Control

by Belimo NMU230 10N actuator to control fresh air quantity.

Equipped with 3M straight duct, 1M 90° elbow duct, 1M 30° elbow duct.

#### Pneumatic Actuator

To control the air valve be opened or closed while the working status is spraying or baking.

#### Heat Exchanger

232KW, made of 1.5mm stainless steel 1Gr18Ni9Ti(SUS304), with round type multi-cycle radiator pipe, equipped with safe anti-explosion hole, 1M stainless steel chimney, 3M long bended galvanised steel chimney and 1 pc of rain shield.

#### Burner

Riello RG5S diesel burner, heating productivity is 260,000Kcal/H.

#### Makeup Air Filtering

Pocket pre-filter, G3 Grade(EN779), type is C16-300 ;

Fibre glass filter, G3 Grade(EN779), type is PA-50 .

### Exhaust Air Units

#### Frame Size

1,500x1,250x1,250mm(LxWxH).

#### Cabinet Frame

Made of 1.5mm thick bended galvanised steel, three way connector made of alluminium alloy.

#### Motor and Fan

Motor:direct drive; qty.:1pc; single motor power:7.5KW, total power:7.5KW;

Fan type: single intake turbo fan, total air capacity: 25,000m<sup>3</sup>/h.

#### Exhaust Air Control

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by Belimo NMU230 10N actuator to control fresh air quantity.

Equipped with 4M straight duct, 1pc 90° elbow duct and 1pc 30° elbow duct.

#### Exhaust Air Filtering

Fibre glass filter, G3 Grade(EN779),type is PA-50 .

Active Carbon Filter in "Pocket" Shape,F5 Grade(EN779),type is C16-200.

#### **Control System**

Pressure Gauge, Temperature Controller, Baking Timer, Hours, Spray Indicator, Heat Spray Indicator, Bake Indicator, Failure Indicator, Left Light Indicator, Right Light Indicator, Spray Switch, Heat Spraying Switch, Bake Switch, Left Light Switch, Right Light Switch, power Indicator, Start Switch, Power Switch, Emergency Stop.







