



# Energy saving potential

with PAN-DUR systems for wall-multidecks



## Maximum energy efficiency – we protect our environment

PAN-DUR stands for development, manufacturing and sales of innovative systems for intelligent energy use.

### Focus – constant increase of energy efficiency

Since 1986 PAN-DUR offers technical know-how, engineering competence and attractive design – underlined by numerous national and international patents.

PAN-DUR ECO STYLE night blinds and ECO DOOR glass door systems stand for an energy saving potential of up to 72% of your multideck cases.

### Obvious facts

Crystal clear energy cost reduction and significant improvement of carbon footprint.

### Active environmental awareness – public image improvement

The ecological awareness is increasing steadily and is becoming an omnipresent key topic. All solutions supporting the environment are well accepted and honored by loyalty and good customer relation.

### Always in touch with the latest trends

We actively support the climate protection – global warming has to be reduced.

## PAN-DUR energy saving systems for wall-multidecks

### PAN-DUR solutions in a benchmark test

In cooperation with a leading case manufacturer, PAN-DUR energy savings systems have been benchmarked in supermarket conditions.

### Test conditions

- Duration: 24 h
- Operating time: opening hours: 14 h  
closed: 10 h
- Environment:  
21° C / relative humidity 50 %
- Door opening cycle according to DIN EN ISO 25-953,  
24 openings per hour





## ECO STYLE

standard night blind  
one layer

T8 lighting horizontal, 76W

## ECO STYLE 34

high performance night blind  
one layer

T8 lighting horizontal, 76W

## ECO DOOR S

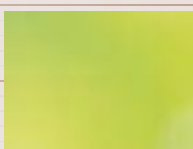
hinged door  
single glass  
one low-e coating

T8 lighting horizontal, 76W

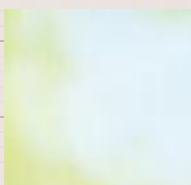
# Energy saving pot

80 %  
70 %  
60 %  
50 %  
40 %  
30 %  
20 %  
10 %  
0 %

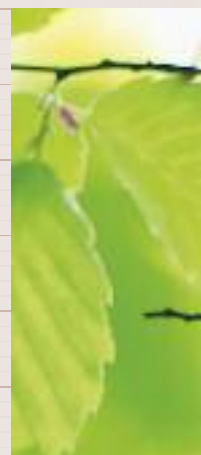
ca. 19 %



ca. 24 %



ca. 60 %







## ECO DOOR F

folding door  
single glass  
one low-e coating

T8 lighting horizontal, 76W



## ECO DOOR D AR

hinged door / sliding door  
double glass  
four anti-reflective coatings

T8 lighting horizontal, 76W

T5 lighting vertical, 84W

lighting total, 160W



## ECO DOOR SL

sliding door  
double glass  
one low-e coating

T8 lighting horizontal, 76W

T5 lighting vertical, 84W

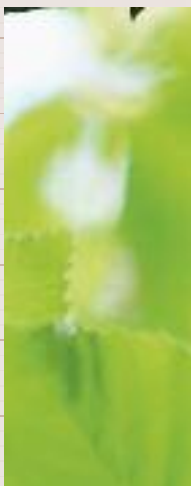
lighting total, 160W

essential with PAN-DUR cover systems for m

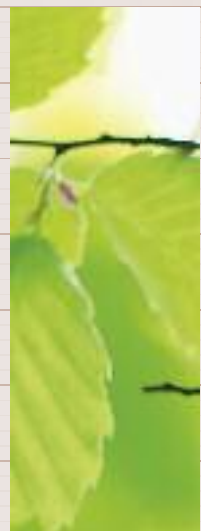
ca. 60 %



ca. 64 %



ca. 70 %







## ECO DOOR D

hinged door,  
double glass  
one low-e coating

T8 lighting horizontal, 76W  
T5 lighting vertical, 84W  
lighting total, 160W



## ECO DOOR D AR Plus

hinged door / sliding door  
double glass  
one low-e coating  
four anti-reflective coatings

T8 lighting horizontal, 76W  
T5 lighting vertical, 84W  
lighting total, 160W



## ECO DOOR D LED

hinged door  
double glass  
one low-e coating

LED lighting horizontal, 42W  
LED lighting vertical, 58W  
LED lighting total, 100W

# multideck cabinets

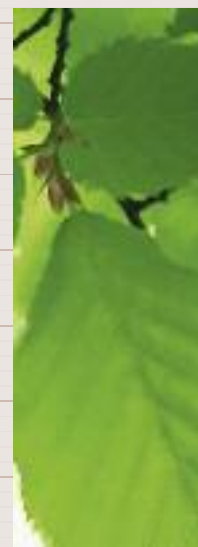
ca. 70 %



ca. 70 %



ca. 72 %



80 %  
70 %  
60 %  
50 %  
40 %  
30 %  
20 %  
10 %  
0 %



## Simply the best – for you and for your customers

In addition to energy saving potential, PAN-DUR systems offer the highest quality regarding storing and presentation of products.

Our solutions enable less defrosting cycles, ensure constant cooling temperature and food quality.

### Recommendations for even better performance

- Installation of modern control units lead to further savings
- Set cooling temperature as low as possible and as high as necessary
- Keep your cabinets away from draught and ventilation
- Check air return grids regularly and keep them free
- Choose cooling cabinets with high effective evaporating temperature. The higher the effective evaporating temperature, the smaller is energy consumption.
- Use energy saving fans

**Retrofit with our energy saving solutions pays off!**



Intelligente  
Energienutzung  
Rollo- und  
Textiltechnik

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