

- Büroservice
- Immobilien
- Finanzierungen
- Firmenbeteiligungen
- EDV - Technik

- Servicii birou
- Bunuri imobiliare
- Finantari
- Participari de firme
- Technica EDV

EDEFFAU
TECHNIK

Internet: www.edefautechnik.com

European Renewable Energy

IDKM Integra Integrated roof collector

Integrated roof collector IDKM INTEGRA

the perfect integration in to the roof has given this collector its name. the collectors replace the roof tiles and can be used as a design element, adding to the overall look of a building. they can be mounted next to each other or above one another. large and small collectors can be combined in one system, offering a wide range of possibilities for your individual needs.

the thousandfold tested, highly valid method, plating system is guaranteed rainproof from up to a tilt angle of 30 degrees. A structured copper full face absorber, with a specially selected vacuum coating, a harp switch, and its double thermal length guarantees best results. the clear solar glass looks good and is very durable due to a special hardening process. through the connection of more collectors it is possible to create a visibly appealing collector field.

NEW!
with HPQ-highperformance-
absorber

- exquisite quality
- very robust
- quick, easy and safe installation
- integrates well into the roof
- easy creation of to create individual continuous large-sale collector fields
- high performance with trouble free operation



Umweltmanagement
System
zertifiziert nach
ISO 14001



QUALITÄTSMANAGEMENTSYSTEM
DIN EN ISO 9001
ZERTIFIKAT
86810
öqs
ISO 9001



**10-year
warranty**

**ERE TECHNOLOGY
PROJECTION**

www.edefautechnik.com

IDKM Integra Integrated roof collector

technical details of IDKM integra series

total area (m ²):	1,25	2,54
dimensions l x w x h (mm):	1015 x 1227 x 107	2063 x 1228 x 107
Aperture area (m ²):	1,1	2,32
Absorber area (m ²):	1,08	2,29
total weight of collector (kg):	27	54
casing:	wooden frame, glass insulation embedded in aluminium anededPM insulated	
Absorber components:	specially coated copper plate 12 copper register pipes full-face absorber with ultrasonically welded register	
Absorber plate coating:	sunselect Absorption 96%/ emission 5%-2	
Absorber volume (l):	0,67	1,7
transparent cover:	tempered low-iron solar glass	
light transmittance of glass:	91.±2%	
energy transmittance of glass:	90 ±2%	
Absorber efficiency factor (%):	? 0 80	
Angular correction factor at 50°:	93	
connections:	1.inch flat sealed end, 2 connections on top design: vertical.Mount	
Maximum operating pressure (Bar):	10	
still stand temperature (°c):	210	
heat transfer medium:	40% Polypropylene glycol / 60% water mixture	
insulation:	50.mm Mineral wool Plate	
design approval/standards:	tÜv.02 - 328 - 083	
efficiency and Quality test:	din.certco 011-7 s 038 f	



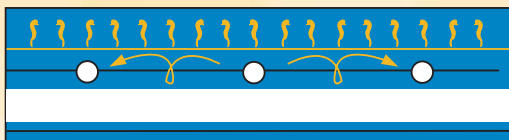
2,55 m² total area

1,25 m² total area

GREENHEAT stands for the cleanest absorber technology

the welded full-face absorber make possible a highly efficient use of space: the collector tubes are completely covered, thereby preventing air turbulence and limiting the loss of heat at the solar cover.

conventional strip design
Air turbulence causes loss of heat



GREENHEAT technology
closed surface – no loss of heat

