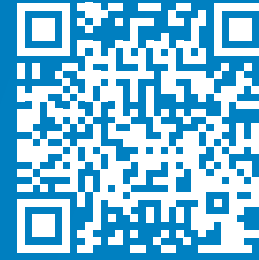




**17.500m<sup>2</sup>**  
Closed Area



## Venues Breathe With Us



Scan to watch our  
promotional video



EXPORT TO MORE THAN  
**60** COUNTRIES IN **4** CONTINENTS



**Headquarter**  
İTOB OSB 10010 Sk. No: 4 35477 Tekeli, Menderes, İzmir/TÜRKİYE  
Phone: +90 232 799 02 40 | Fax: +90 232 799 02 44

info@dogu.com.tr | www.dogu.com.tr



/ doguhvac



EN

### DKS AIR HANDLING UNIT



- Flow rate range of 2.000 – 100.000 m³/h
- Eurovent and TUV Hygiene Certificate
- Steel profile case with [D1 - L1 - T2 - TB2]
- Thermal bridgeless aluminum profile case with [D1 - L1 - T2 - TB1]
- Easy installation and commissioning
- Plug&Play
- Modbus, BACnet, LonWorks

### ECRH ROOFTOP UNIT

ECRH 030/045/060/075/095/125/155/180



- Flow rate range of 4.400 – 35.200 m³/h
- Compatible with ECODSIGN ErP 2021 Lot 21
- Operation with 0-100% fresh air
- High seasonal efficiency
- Optional Eco-friendly refrigerant R410a gas
- Independent dual circuit cooling
- EC plug fan and EC axial fan
- Double skin case [50 mm rock wool insulation]
- Optional rotary type heat exchanger
- Optional water, electric or natural gas heater
- Optional economizer
- Optional return fan
- Plug&Play
- Modbus, BACnet, LonWorks

### POOL PACKAGE POOL DEHUMIDIFIER UNIT

POOL-CRF/POOL-DO 30/45/60/80 /100/120/ 160/180/200/250



- Flow rate range of 3.000– 25.000 m³/h
- Hydrophilic coated plate heat exchanger
- High efficiency AC plug fan
- Double skin case [50 mm rock wool insulation]
- Absolute humidity control
- Mechanical cooling
- Free cooling
- Optional EC plug fans
- Plug&Play
- Modbus, BACnet, LonWorks

### HOME RESIDENTIAL HEAT RECOVERY UNIT

HOME 27/35/50/65/85



- Flow rate range of 270 – 850 m³/h
- Compliant with ERP 2018 directives
- A+ energy class
- Counterflow plastic heat recovery exchanger
- EC plug fan
- 19 mm rubber insulated case
- Low sound level
- Interchangeable service direction from right or left
- Switchable duct connection from top or front
- By-pass damper [%100]
- Optional CO₂ and humidity sensor
- Optional IOT controllers
- Optional ISO ePM1 filter
- Optional duct type electric heater
- Optional duct type DX/heating/cooling coil
- Plug&Play
- Modbus

### HOME CEILING RESIDENTIAL HEAT RECOVERY UNIT {CEILING TYPE}

HOME CEILING 35/50



- Flow rate range of 350 – 500 m³/h
- Compliant with ERP 2018 directives
- A+ energy Class
- Counterflow plastic heat recovery exchanger
- EC plug fan
- 19 mm rubber insulated case
- Low sound level
- Interchangeable service direction from right or left
- By-pass damper [%100]
- Optional CO₂ and humidity sensor
- Optional IOT controllers
- Optional ISO ePM1 filter
- Optional duct type electric heater
- Optional duct type DX/heating/cooling coil
- Plug&Play
- Modbus

### HOME RESIDENTIAL HEAT RECOVERY UNIT UNIT WITH EPP CASING {HOME EPP}

HOME EPP 35/50



- Flow rate range of 350 – 500 m³/h
- Compliant with ERP 2018 directives
- A+ energy class
- Counterflow plastic heat recovery exchanger
- EC plug fan
- EPP {Expanded Polypropylene} Case
- Low sound level
- Interchangeable service direction from right or left
- Interchangeable duct connection from top or front
- By-pass damper [%100]
- Built-in pre-heater
- Optional CO₂ and humidity sensor
- Optional IOT controllers
- Optional ISO ePM1 filter
- Optional duct type DX/heating/cooling coil
- Plug&Play
- Modbus

### HOME HP-HW HEAT RECOVERY UNIT {HEAT PUMP} WITH HOT WATER



- AirFlow 350 m³/h
- External Static Pressure 200 Pa
- Cooling Capacity[heat pump] 1.58 kW
- Heating Capacity [heat pump] 2 kW
- Electrical Connection R290{PROPAN}
- Electrical Connection 230V ~ 1/50 Hz
- Sound Level 40 dB[A]

### CLASS MATE {SCHOOL UNIT}



- Flow Rate Range of 500-1000-1500 m³/h
- Aluminium Counter Flow Heat Recovery Exchanger
- EC plug fan
- Low sound level
- Compliant with ERP 2018 directives
- By-pass Damper[100%]
- 30 mm Rockwool Insulation + 20 mm Acoustic Insulation
- ISO COARSE[G4] Class Filters in Supply air and Return Air
- Optional built-in electric pre-heater
- Optional built-in post heater
- Optional CO₂ sensor
- Optional supply and exhaust side ePM1 or ePM2.5 filters
- Optional 2nd stage filter on the supply side
- Optional constant flow
- Optional fresh air intake-exhaust dampers
- Plug&Play
- Modbus

### SMOKE SOOT & SOOT CLEANING

SMOKE 030/050/075/100



- Flow rate range of 3.000 – 10.000 m³/h
- Compact design
- AISI 304 quality stainless steel manufacturing
- Low water consumption
- Low energy consumption
- High efficiency filtration system
- Plug&Play
- Modbus, BACnet, Lonworks

### HWW MAKE-UP AIR HOOD WITH WATER WASH



- AISI 304 quality stainless steel manufacturing
- Up to 95% particle capture ability
- Easy maintenance thanks to the washing system
- 40% lower exhaust flow and operating cost

FOR MORE



### RTER ROTARY HEAT/ENERGY RECOVERY UNIT

RTER 010/018/025/035/050 /070/090/110/140/200



- Flow rate range of 1.000– 20.000 m³/h
- Compliant with ERP 2018 directives
- Rotary energy recovery exchanger
- EC plug fan
- ISO ePM10 + ISO ePM1 filter for supply & exhaust
- Switchable duct connection from top or front
- Interchangeable service direction from right or left
- Low sound level
- Double skin case [50 mm rock wool insulation]
- Optional duct type attenuator and damper
- Optional duct type electric heater
- Optional duct type DX/heating/cooling coil
- Plug&Play
- Modbus, BACnet, LonWorks

### FHR COUNTER FLOW HEAT RECOVERY UNIT

FHR 010/016/025/040/060/085/110/140/170



- Interchangeable service direction from right or left
- Flow rate range of 1.000 – 17.000 m³/h
- Compliant with ERP 2018 directives
- Counterflow aluminum heat recovery exchanger
- EC plug fan
- Low sound level
- By-pass damper [%100]
- ISO ePM10 + ISO ePM1 filter for supply & exhaust
- Double skin case [50 mm rock wool insulation]
- Optional duct type attenuator and damper
- Optional duct type electric heater
- Optional duct type DX/heating/cooling coil
- Plug&Play
- Modbus, BACnet, LonWorks

### FHR-T COUNTER FLOW HEAT RECOVERY UNIT {VERTICAL TYPE}



- Interchangeable service direction from right or left
- Flow rate range of 1.000 – 7.000 m³/h
- Compliant with ERP 2018 directives
- Counterflow aluminum heat recovery exchanger
- Vertical[Top Outlet]
- EC plug fan
- Low sound level
- By-pass damper [%100]
- ISO ePM10 + ISO ePM1 filter for supply & exhaust
- Double skin case [50 mm rock wool insulation]
- Optional duct type attenuator and damper
- Optional duct type electric heater
- Optional duct type DX/heating/cooling coil
- Plug&Play
- Modbus, BACnet, LonWorks

### CFHR COUNTER FLOW HEAT RECOVERY UNIT {CEILING TYPE}

CFHR/CFHR-S 05/07/10/12 /16/25/28/33/40



- Flow rate range of 500 – 4.000 m³/h
- Compliant with ERP 2018 directives
- Counterflow aluminum heat recovery exchanger [CFHR]
- Crossflow paper energy recovery exchanger [CFHR-S]
- EC plug fan
- Double skin case [30 mm rock wool insulation]
- Low sound level
- By-pass damper [%100]
- Optional CO₂ and humidity sensor
- Optional ISO ePM1 filter
- Optional duct type electric heater
- Optional duct type DX/heating/cooling coil
- Plug&Play
- Modbus

### CFHR-U UNIVERSAL HEAT RECOVERY UNIT

CFHR-U 500/700/1000/1200/1600/2500 /2800/3300/4000



- Interchangeable right and left service direction
- Trilateral mounting options in same unit
- ERP 2018
- Counterflow heat exchanger
- EC plug fans
- Low sound level
- 50 mm rockwool insulation
- Double skin casing
- Iso coarse and optional iso ePM 2,5 filters
- Optional duct type electric heater or heating / cooling coil
- Optional duct type dx coil, attenuator and damper
- Plug&Play

### HPGK HEAT PUMP HEAT RECOVERY UNIT

HPGK 07/10/15/20/30/40



- Flow rate range of 700 – 4.000 m³/h
- Integrated heat pump system
- Cross flow heat exchanger
- EC / AC plug fan
- ISO Coarse filter
- Optional attenuator and damper
- Optional duct type electric heater
- Optional duct type DX/heating/cooling coil
- Plug&Play
- Modbus

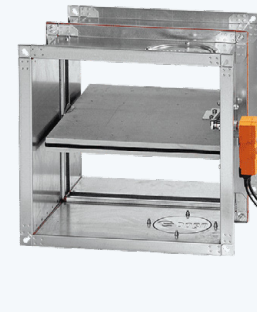
### ACA / ACB / ACD VARIABLE / CONSTANT AIR VOLUME UNITS

ACA/ACB/ACD



- High precision calibration in the VAV-CAV laboratory
- Compliance with VDI 6022,DIN 1946-4,VDI 3803,EN 16798-3
- hygiene standards
- Optional acoustic insulation

### VGF FIRE AND SMOKE DAMPER



- EI 120 [ve, ho i <->] S fire resistance according to EN 13501-3:2005+A1:2009 standard
- CE certificate according to EN 15650:2010 standard
- Easy installation
- Single module production between 200x200 mm and 1300x800 mm dimensions

### VKF BUTTERFLY FIRE DAMPER



- Design for preventing the spreading of fire and smoke
- EI 90 [ve o → i] & EI 120 S [ve i → o] fire resistance according to EN 13501-2:2023
- Suitable for circular ducts up to 200 mm in diameter
- Fusible link's temperature rating: 72°C

### GLC / GLD LAMINAR FLOW CEILING SYSTEM



- 100% leakproofness is guaranteed
- AISI 304 quality stainless steel sheet manufacturing
- 99.995% filter efficiency
- Complies with ISO EN 14644, DIN 1946/4, DIN 25414, ÖNORM H6020, SWKI VA 105-01, HTM 03-01 hygiene standards.

### GFP HEPA FILTER BOX



- 100% leakproofness guarantee
- Steel sheet or AISI 304 quality stainless steel sheet manufacturing
- Inner surface resistant to disinfection processes.
- HEPA filter with MDF or aluminum frame
- Complies with VDI 6022, VDI 3803, EN 16798, ISO EN 14644, DIN 1946-4, DIN 24194, DIN 25414 hygiene standards.