



SHK MOSCOW 2009

13th International
Industrial and
Technology Trade Fair

May 26 - 29, 2009

List of exhibits

- | | | | | | |
|-------------|---|-------------|--|-------------|---|
| 1 | Heating technology | 1.2.6 | Market promotion programs, software and publications | 1.6.8 | Explosion doors |
| 1.1. | Heat generators | 1.3. | Water heaters | 1.7 | Tank systems |
| 1.1.1 | Oil/Gas-special boilers | 1.3.1 | Thermal storage heaters, direct fired | 1.7.1 | Fuel oil storage tanks |
| 1.1.2 | Heating boilers made of cast iron or steel | 1.3.2 | Thermal storage heaters, indirect fired | 1.7.2 | Buried tanks |
| 1.1.3 | Boiler-burner unit | 1.3.3 | Gas flow heaters | 1.7.2.1 | Battery tanks |
| 1.1.4 | Atmospheric gas boilers | 1.3.4 | Electric flow heaters | 1.7.2.2 | Spherical tanks |
| 1.1.5 | Gas water circulation heaters | 1.3.5 | Directly heated gas water storage heaters | 1.7.3 | LPG storage tanks |
| 1.1.6 | Low-temperature boilers | 1.3.6 | Directly heated electric water storage heaters | 1.7.4 | Parts and accessories for tanks (leak detectors, level gauges, limit transducers, etc.) |
| 1.1.7 | Condensing value boilers | 1.3.7 | Service water heaters, indirect fired | 1.7.5 | Tank cleaning systems |
| 1.1.8 | Change-over boilers, boilers for different kinds of fuel | 1.3.8 | Heat exchangers | 1.7.6 | Distribution systems for oil / tank filling systems |
| 1.1.9 | Boilers for solid fuels | 1.4 | Accessories for heating boilers | 1.8 | Radiators and accessories |
| 1.1.10 | Electric boilers | 1.4.1 | Waste gas heat exchanger | 1.8.1 | Sectional radiators/radiators made of steel, cast iron, aluminium, other materials |
| 1.1.11 | Other types of boilers | 1.4.2 | Other accessories for heating boilers | 1.8.2 | Flat radiators |
| 1.1.12 | High pressure steam boilers | 1.5 | Firing units | 1.8.3 | Bathroom radiators/Towel dryers |
| 1.1.13 | Low pressure steam boilers | 1.5.1. | Special atomizing burners | 1.8.4 | Convectors / baseboard radiators |
| 1.1.14 | Hot-water boilers | 1.5.1.1 | Atomizing burners (air steam atomizing burners) | 1.8.5 | Tube radiators |
| 1.1.15 | High-speed steam generators | 1.5.1.2 | Pressure atomizing burners | 1.8.6 | Ribbed radiators |
| 1.1.16 | LPG supply systems | 1.5.1.3 | Swirl atomizing burners | 1.8.7 | Other radiators |
| 1.1.17 | CHP-Plant | 1.5.2 | Oil burners and accessories | 1.8.8 | Accessories, Mounting Material, Blindnesses |
| 1.2. | Systems for the use of renewable energies | 1.5.2.1 | Oil burner nozzles | 1.9 | Radiant panel heating |
| 1.2.1 | Systems using renewable energies
Solar thermal systems for the production of hot water, additional space heating and cooling | 1.5.2.2 | Safety pipes for oil supply systems | 1.9.1 | Water floor heating |
| 1.2.1.1 | Flat solar collector | 1.5.2.3 | Flame tips | 1.9.2 | Under floor heating systems |
| 1.2.1.2 | Tubular solar collector | 1.5.2.4 | Catalysts | 1.9.3 | Wall heating systems |
| 1.2.1.3 | Solar control unit, control unit | 1.5.2.5 | Oil burner automation and safety systems | 1.9.4 | Radiant ceiling heating |
| 1.2.1.4 | Accessories | 1.5.3 | Central oil supply systems | 1.9.5 | Gas radiant panels |
| 1.2.2 | Photovoltaic | 1.5.4 | Gas blast burners | 1.9.6 | Other radiant panel heating systems |
| 1.2.3 | Heat pumps | 1.5.5 | Atmospheric gas burners | 1.9.7 | Distributors for floor heating |
| 1.2.3.1 | Electrical heat pumps | 1.5.6 | Gas burners and accessories | 1.9.8 | Pipes and coils for floor heating |
| 1.2.3.2 | Gas driven heat pumps | 1.5.6.1 | Gas burner automation and safety systems | 1.9.9 | Pipes for hot water heating |
| 1.2.3.3 | Heat pump systems for heating and cooling | 1.5.6.2 | Other parts and accessories for gas burners | 1.9.10 | Radiator fittings |
| 1.2.4 | Systems using biomass | 1.5.7 | Dual-fuel burners for oil and gas | 1.10 | Tanks, reservoirs and built-ins |
| 1.2.4.1. | Pellets boilers | 1.6 | Chimneys | 1.10.1 | Expansion tanks for boilers |
| 1.2.4.2 | Solid wood burning systems | 1.6.1 | Chimney systems, shunts | 1.10.2 | Service water heaters |
| 1.2.4.3 | Shredded wood installations | 1.6.2 | Chimney flashings | 1.10.3 | Pressure vessels |
| 1.2.4.4 | Combined heat power generation with biomass on the basis of biogas | 1.6.3 | Chimneys made of stainless steel | 1.11 | Heating equipment and appliances for single store heating/room heating |
| 1.2.5 | Fuels and logistic | 1.6.4 | Waste gas pipes | 1.11.1 | Electric radiators |
| 1.2.5.1 | Natural gas, liquid natural gas, biogas | 1.6.5 | Waste gas shutters | 1.11.2 | Electric convectors |
| 1.2.5.2 | Fuel oil, biooil | 1.6.6 | Chimney tops and cowls | 1.11.3 | Electric fan heaters |
| 1.2.5.3 | Pellets, transport and storage | 1.6.7 | Waste gas blowers, waste gas control systems | 1.11.4 | Stove heating with oil and gas |
| 1.2.5.4 | Solid wood, production, transport and storage | | | 1.11.5 | Stove heating with solid fuels |
| | | | | 1.11.6 | Other heating systems |

2 **Ventilation, airconditioning and refrigeration technology**

- 2.1 Modular construction units for ventilation and distribution systems**
 - 2.1.1 Ducts (pipes, channels, fittings)
 - 2.1.2 Fixtures, fastening materials
 - 2.1.3 Sealing materials
 - 2.1.4 Air valves/volume flow control systems
 - 2.1.5 Fire traps/combustible gas ventilators / fireproof ducts
- 2.2 Modular construction units for ventilation devices/systems**
 - 2.2.1 Ventilators
 - 2.2.1.1 Axial ventilators
 - 2.2.1.2 Radial ventilators
 - 2.2.1.3 Cross flow fans
 - 2.2.1.4 Roof ventilators
 - 2.2.1.5 Air heaters
 - 2.2.1.6 Air coolers
 - 2.2.1.7 Air filters, mechanical, electrostatic, adsorption
 - 2.2.2 Air humidifiers
 - 2.2.3 Air washers
 - 2.2.4 Steam humidifiers
 - 2.2.5 Ultrasonic humidifiers
 - 2.2.6 Modular construction elements for heat recovery (recuperation, regeneration)
 - 2.2.7 Air passages
 - 2.2.8 Fan convectors
 - 2.2.9 Heat exchangers
- 2.3 Refrigeration systems Ventilating devices**
 - 2.3.1 Inlet/outlet control systems for fresh and exhaust air
 - 2.3.2 Air humidifying and dehumidifying systems
 - 2.3.3 Heating and ventilating chests
 - 2.3.4 Room air conditioner
 - 2.3.4.1 Mobile air conditioners
 - 2.3.4.2 Compact devices
 - 2.3.4.3 Split/Multisplit devices
 - 2.3.4.4 VRF Systems
 - 2.3.5 Air conditioning cells, conditioning convectors
 - 2.3.6 Warm air heaters for solid, liquid and gaseous fuels
 - 2.3.7 Central air conditioning units/HVAC Systems
 - 2.3.8 Decentralised ventilation equipment
 - 2.3.9 Clean-room technology
 - 2.3.10 Drying technology
 - 2.3.11 Dedusting technology
 - 2.3.12 UV degerminating systems
 - 2.3.13 Ventilation of dwelling houses
 - 2.3.13.1 Centralised ventilation equipment with/without heat recovery
 - 2.3.13.2 Centralised outlet systems with/without heat recovery
 - 2.3.13.3 Monobloc air conditioners
 - 2.3.13.4 Ventilation systems with water pumps
 - 2.3.14 Complete ventilation systems
 - 2.3.15 Hot air curtains
 - 2.3.16 Refrigeration equipment/systems

- 2.3.16.1 Refrigeration equipment/systems for commercial applications
- 2.3.16.2 Components for refrigerating systems and plants
- 2.3.16.3 Recooling units
- 2.3.16.4 Cold storage cells

3 **Pumps**

- 3.1 Waste water pumps**
- 3.2 Booster pumps**
- 3.3 Heat circulation pumps**
- 3.4 Service water circulation pumps**
- 3.5 Circulation pumps, boiler loading pumps**
- 3.6 Oil pumps**
- 3.7 Boiler feeding pumps**
- 3.8 Oil burner pumps**
- 3.9 Circulation pumps**
- 3.10 Other pumps**
- 3.11 Parts and accessories for pumps**

4 **Fittings**

- 4.1 Fittings for heating and service water**
 - 4.1.1 Gate valves
 - 4.1.2 Shutting gates
 - 4.1.3 Shut-off valves
 - 4.1.4 Stop valves
 - 4.1.5 Flap traps / return valves
 - 4.1.6 Gravity breaking systems
 - 4.1.7 Feed and drain cocks (for boilers)
 - 4.1.8 Quick-action ventilating valves, air separators
 - 4.1.9 Dirt pans
 - 4.1.10 Steam traps
 - 4.1.11 Monitoring devices, optical and acoustic
 - 4.1.12 Flow controls
 - 4.1.13 Water level indicators
 - 4.1.14 Pressure controls, differential pressure switches
 - 4.1.15 Temperature control units
 - 4.1.16 Level control units
 - 4.1.17 Mixing valves for heating installations
 - 4.1.18 Straight-way, three-way/ four-way valves/mixers
 - 4.1.19 Service water mixers
 - 4.1.20 Run control valves
 - 4.1.21 Overload valves
 - 4.1.22 Overload safety devices
 - 4.1.23 Oil-fired heating fittings
 - 4.1.24 Fittings for heating oil storage tanks
 - 4.1.25 Fittings for gas systems
 - 4.1.26 Fittings for LPG systems
 - 4.1.27 Thermostat valves for radiators
 - 4.1.28 Actuators for radiator thermostats
 - 4.1.29 Zone valves
 - 4.1.30 Radiator vents
 - 4.1.31 Safety valves for service water supply systems
 - 4.1.32 Safety valves for central heating systems

4.2 Fittings for drinking water supply systems

- 4.2.1 Shut-off/check valves
 - 4.2.2 Gate valves
 - 4.2.3 Fittings and couplings for appliances
 - 4.2.4 Draw-off taps / faucets
 - 4.2.5 Return valves, check valves
 - 4.2.6 Pipe disconnectors, pipe interruptors, anti-vacuum devices
 - 4.2.7 Reducing regulators
 - 4.2.8 Fittings for flushing boxes/toilet tanks
- ## **4.3 Sanitary fittings/appliances**
- 4.3.1 Mixing fittings
 - 4.3.2 Stop and outlet fittings
 - 4.3.3 Outlet and overflow fittings

5 **Measuring, control and process technology for buildings**

- 5.1 Measuring and control technology for heating systems**
 - 5.1.1 Central control systems
 - 5.1.2 Room temperature control devices
 - 5.1.3 Sensors (e.g. for flow, outside and inside temperature)
 - 5.1.4 Thermostats, heat valves
 - 5.1.5 Clock relays, temperature control timers
 - 5.1.6 Actuators for mixers, valves, regulating valves
 - 5.1.7 Switch cabinets
 - 5.1.8 Oil fired systems
 - 5.1.9 Gas fired systems
- 5.2 Measuring and control technology for ventilation and air-conditioning systems**
 - 5.2.1 Central controls, transmitters, amplifiers
 - 5.2.2 Sensors, transducers
 - 5.2.3 Remote control and indication equipment
 - 5.2.4 Pressure controllers, hydrostats, thermostats, time relays
 - 5.2.5 Actuators for valves and gates
- 5.3 Process control technology for buildings**
 - 5.3.1 Master computers
 - 5.3.2 Protocol machines
 - 5.3.3 Management systems
- 5.4 Digital automation technology/ Measuring Instruments and Equipment**
- 5.5 Electrical building installation systems**
 - 5.5.1 Installation and coupling material
 - 5.5.2 Installation ducting and cable-laying systems
 - 5.5.3 Cables and leads
 - 5.5.4 Distribution systems
 - 5.5.5 Circuit breakers and DIN rail-mounted devices, fuses
 - 5.5.6 Installation switches and plug fittings

6 **Pipes, pipelines, fittings, plumbing supplies, parts and accessories****6.1 Pipes, fittings and accessories**

- 6.1.1 Pipes and fittings
- 6.1.2 District heating pipelines and accessories
- 6.1.3 Soundproofing of pipelines (water/waste water)
- 6.1.4 Pipe sealing flanges, formed pieces
- 6.1.5 Sealings for pipes and formed pieces
- 6.1.6 Lightning protection devices
- 6.1.7 Insulating materials for pipes and tanks

6.2 Connection technology

- 6.2.1 Threaded joints
- 6.2.2 Gluing, pasting
- 6.2.3 Soldering
- 6.2.4 Welding
- 6.2.5 Aluminium pipes, tubes
- 6.2.6 Copper pipes, tubes
- 6.2.7 Brass pipes, tubes

7 **Sanitary engineering****7.1 Installations and accessories for bathrooms, washing facilities, toilets**

- 7.1.1 Bathtubs, shower tubs
- 7.1.2 Bathtub inserts
- 7.1.3 Tub holders
- 7.1.4 Tub aprons
- 7.1.5 Shower cabins and partitions
- 7.1.6 Wash-stands, wash-basins
- 7.1.7 Bidets
- 7.1.8 Toilet bowls
- 7.1.9 Urinals (in public lavatories)
- 7.1.10 Sinks (for waste water)
- 7.1.11 Washing benches and troughs, washing and drinking fountains
- 7.1.12 Flushing boxes, wash-down facilities
- 7.1.13 Parts and accessories for toilets and public lavatories
- 7.1.14 Extraction vent systems for toilets and public lavatories
- 7.1.15 Installations and equipment for public lavatories
- 7.1.16 Partition wall systems
- 7.1.17 Pre-fabricated partitions/cells for bathrooms
- 7.1.18 Shower curtains, curtain rods
- 7.1.19 Bathroom furniture, cabinets, shelves, lamps, mirrors
- 7.1.20 Bathroom seats, side panels, footrests, holders, tower rails
- 7.1.21 Bathroom accessories, towel stands, toothbrush holders with tumblers, toilet roll holders, fittings, etc.
- 7.1.22 Towel and toilet paper dispensers
- 7.1.23 Towel dryer
- 7.1.24 Inspection frames
- 7.1.25 Special installations and safety facilities for handicapped persons
- 7.1.26 Soundproofing systems for toilets and public lavatories
- 7.1.27 Safety shower cells
- 7.1.28 Disinfection systems
- 7.1.29 Shower spray systems

7.2 Water treatment

- 7.2.1 Filter systems
- 7.2.2 Water softening systems
- 7.2.3 Water deionization / demineralization
- 7.2.4 Reverse osmosis
- 7.2.5 UV disinfection and degerming systems
- 7.2.6 Vacuum pumps for water treatment
- 7.2.7 Water conditioning chemicals
- 7.2.8 Measuring, metering and control technology
- 7.2.9 Water treatment, physical

7.3 Installations and accessories for swimming pool and sauna

- 7.3.1 Swimming baths
- 7.3.2 Pools
- 7.3.3 Pumps, filters
- 7.3.4 Water heaters for swimming pools
- 7.3.5 Counterflow systems
- 7.3.6 Fittings for swimming pools
- 7.3.7 Submerged lighting installations
- 7.3.8 Parts and accessories for swimming pools
- 7.3.9 Whirlpools
- 7.3.10 Sauna cells, detached saunas
- 7.3.11 Sauna stoves
- 7.3.12 Sauna accessories
- 7.3.13 Detergents against scum and scale

8 **Tools and workshop installations****8.1 Sheet metal working machines****8.2 Pipe laying machines and tools****8.3 Tools**

- 8.3.1 Defrosters
- 8.3.2 Fastening tools and elements
- 8.3.3 Hammer drills, perforators
- 8.3.4 Drilling and boring machines
- 8.3.5 Bolt-firing tools
- 8.3.6 Pneumatic tools
- 8.3.7 Electric hammers
- 8.3.8 Plastics processing tools
- 8.3.9 Measuring tools
- 8.3.10 Assembly tools
- 8.3.11 Stone mills
- 8.3.12 Striking tools
- 8.3.13 Cutting tools
- 8.3.14 Pipe freezing tools
- 8.3.15 Tool boxes
- 8.3.16 Electric sheet shears, manual (snips)
- 8.3.17 Repair kits (for ceramics, enamel, etc.)
- 8.3.18 Flushing tools (for flushing water supply pipes)
- 8.3.19 Plumber's tools
- 8.3.20 Other tools
- 8.3.21 Welding tools and accessories
- 8.3.22 Soldering equipment and accessories

8.4 Cleaning machines

- 8.4.1 Vacuum cleaners
- 8.4.2 Central vacuum cleaning systems
- 8.4.3 Other devices and systems

9 **Miscellaneous****9.1 Office, information and communication technology**

- 9.1.1 Hardware for industry and trade
- 9.1.2 Software for industry and trade
- 9.1.3 Office technology and organization

9.2 Technical literature

- 9.2.1 Technical books, manuals
- 9.2.2 Technical magazines

9.3 Organizations, associations, institutions