## ARDENTE DUO ARD90x41.DGS

## NATURAL HEATING



## PRODUCT INFORMATION



- Tunnel type insert for two-sided or island house.
- Cartridge with enlarged, deep rectangular combustion chamber giving the possibility of large loads.
- Hinged cast iron grate for the convenience of cleaning the hearth.
- A new type of guillotine with service access.
- Two heat-resistant DECOR glass panes as standard (working temperature up to 800°)
- Possibility to order dedicated masking frames (powder coated steel in the color of the cartridge).
- Clean windshield system: double-sided air deflectors with air curtains.
- Steel door made of a special profile that guarantees stiffness and high temperature resistance.
- The elements of the cartridge are manufactured using modern CNC devices (Laser 2D, 3D, press brakes).
- The insert coat made of P265GH grade boiler steel according to EN 10028-2.

Nominal power [kW]	18,0
Heating load range [kW]	9-23
Thermal efficiency [%]	79
CO emission (by 13% $O_2$ ) [g/m <sup>3</sup> ]	0,584
Dust emission [g/m³]	0,035
Average fuel consumption [kg/h]	5,3
Recommended active area of outlet grids [cm²]	1260-1440
Recommended active area of inlet grids [cm²]	720-1170
Dimensions of the glass [mm]	900x410
External dimensions [mm]	1192x1554x694
Flue diameter [mm]	200
Air intake diameter [mm]	125
Weight [kg]	350
Efficiency coefficient	105,6
Energy class	А

