



ÜKYP/Y 300-600



ÜKYP/Y 130-250

## ÜKYP/Y SERIES

### Coal Fuel CENTRAL SYSTEM

- Electronic and Automatic Heat Control
- Automatic Loading
- Solid Fuel
- 3 Pass
- 3 Doors
- High Efficiency



**Versatile Fuel Use:** It can use solid fuels (coal, pomace, hazelnut shells, etc.) with a diameter of up to 25 mm. This diversity provides flexibility by facilitating access to different fuel sources.

**High Efficiency and Capacity Options:** It is offered with 11 different capacity options, which offers ideal solutions for buildings of different sizes and needs. Its high efficiency helps reduce costs by reducing fuel consumption.

**Advanced Technology and Durability:** With its production in accordance with European standards, special 3-pass design it increases efficiency and offers long-lasting use.

**Easy Control and Automatic Functions:** The electronic commando panel offers the opportunity to easily control all functions of the boiler. Automatic stop feature saves energy by stopping the fan and circulation pump when fuel runs out.

**Environmentally Friendly Combustion:** Bottom-fed Combustion basket ensures continuous and efficient combustion in. In this way, environmental pollution is minimized with clean and smokeless combustion.

**Ability to Delay Combustion:** It is possible to turn off the boiler from the control panel when the outside temperature is high. Thus, fuel is preserved and heat production can be started again quickly if needed.

**Ease of Use and Economy:** It is sufficient to ignite it once at the beginning of the season. Wide covers make ash removal easier. Costs decrease with economical fuel consumption.

**Easy Installation:** The boiler and hopper can be shipped separately, making it easy to install and place in the boiler room.

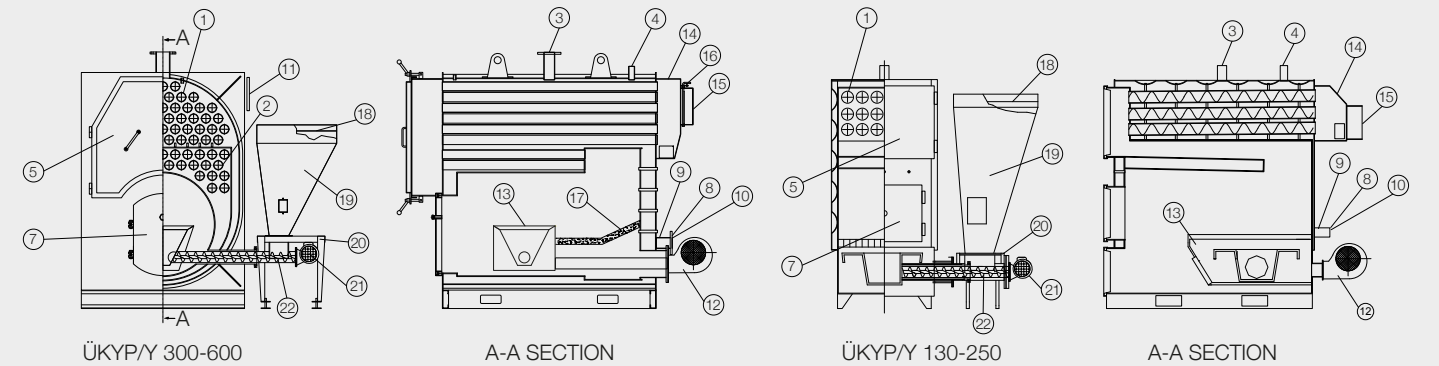
**Aesthetic Design and Protection:** The boiler's body panels are painted with electrostatic powder paint, which provides both a stylish appearance and protection against rust.

**Warranty:** 2-year warranty against manufacturing defects secures users' investments.

These features make ÜNMAK's ÜKYP/Y Series boilers an effective heating solution, both functionally and economical-ly. It can be especially preferred in regions where solid fuels are widely used.



### FEATURES



- 1- Long Smoke Pipes
- 2- Short Smoke Pipes
- 3- Heating Outlet
- 4- Safety Inlet
- 5- Smoke Pipes Cleaning Door
- 7- Ash Cleaning Door
- 8- Heating Inlet
- 9- Safety Inlet
- 10- Load / Unloading
- 11- Control Board
- 12- Fan
- 13- Cast Iron Firepot
- 14- Smoke Crate
- 15- Flue
- 16- Flue Flap
- 17- Fire Concrete
- 18- Fuel Sieve
- 19- Fuel Tank (Bunker)
- 20- Bunker Stand
- 21- Reducer
- 22- Screw and Shaft

### TECHNICAL FEATURES

		130	160	180	200	250	300	350	400	450	500	600
Fuel Type		Coal										
Heating Power	kW	151	186	209	233	291	349	407	465	523	582	698
	kcal/h	130.000	160.000	180.000	200.000	250.000	300.000	350.000	400.000	450.000	500.000	600.000
Combustion Pot Dimensions	mm	Ø480	Ø480	Ø480	Ø480	Ø480	600x600	600x600	600x600	600x600	600x600	600x600
Fuel Capacity	kg	220	220	220	220	220	220	300	300	300	300	350
Water Volume	lt	320	400	480	560	640	890	925	1240	1195	1505	1570
Boiler Weight	kg	818	900	1020	1071	1155	1755	1900	2130	2200	2505	2750
Desired Draft from the Flue	mbar	0,42-0,45	0,44-0,47	0,44-0,47	0,45-0,49	0,45-0,49	0,47-0,51	0,47-0,51	0,47-0,51	0,47-0,51	0,47-0,51	0,50-0,53
Temperature Control Range	°C	45-85	45-85	45-85	45-85	45-85	45-85	45-85	45-85	45-85	45-85	45-85
Installation Inlet Temperature (Recommended)	°C	35	35	35	35	35	35	35	35	35	35	35
Maximum Operating Pressure	bar	3	3	3	3	3	3	3	3	3	3	3
Test Pressure	bar	5	5	5	5	5	5	5	5	5	5	5
Dimensions	Boiler Total Width (A)	mm	1460	1460	1560	1560	1660	1940	1990	2200	2200	2200
	Depth (B)	mm	1615	1815	1815	1915	1915	2280	2400	2400	2400	2750
	Body Width (C)	mm	760	760	860	860	960	1130	1180	1390	1390	1390
	Flue Connection Height (D)	mm	1615	1815	1815	1915	1915	1465	1465	1600	1665	1675
	Screw Removal Distance	mm	1100	1100	1100	1100	1100	1200	1200	1300	1300	1300
	Boiler Total Height (H)	mm	1640	1640	1640	1640	1640	2000	2055	2095	2095	2125
Flue Gas Connection Diameter (Flue)	mm	220	220	220	220	220	300	300	300	300	300	350
Min-Max Flue Temperature	°C	170-210	170-210	170-210	170-210	170-210	170-210	170-210	170-210	170-210	170-210	170-210
Boiler Inlet-Outlet	R"	2"	2"	2"	2"	2 1/2"	DN80	DN80	DN100	DN100	DN100	DN125
Expansion Tank Inlet-Outlet	R"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"	2"	2"
Filling and Draining	R"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Electrical Connection	V/Hz	230V 50Hz	230V 50Hz	230V 50Hz	230V 50Hz	230V 50Hz	400V 50Hz	400V 50Hz	400V 50Hz	400V 50Hz	400V 50Hz	400V 50Hz

Nota - buncherul se executa la comanda in volumul solicitat