

# Pellet boiler ATMOS D80P

	power output range	classe
D 80 P	24 - 80 kW	5

Boiler D80P is standardly supplied with and ash bin same as standard pellet boilers DxxP. For demanding customers we offer extra automatic ash removing system with an extra ash bin volume 68 litres or 135 litres.

For assuring proper installation of boiler with buffer tank the boiler is supplied with 2 water sensors KTF 20 with 5m cable.

Boiler D80P does not allow wood burning.



D80P

## For these boiler is appropriate burner:

**ATMOS A85**      24 - 80 kW      code: H0033  
- supplied without pellet conveyor

The burner ATMOS A85 is specified to burn only good quality white pellets made of soft wood without bark diameter 6 - 8 mm, length 10 - 25 mm with heating power 16 - 19 MJ.kg<sup>-1</sup>. The advantage of this burner is automatic ignition pellets by ignition spiral which fires up the pellet when ever is needed.

The burner is standardly supplied with **pneumatic** air pressure ash **cleaning system** which regularly after burning period cleans the burning chamber of the burner. Due to this system the burning chamber does not need to be checked so often. The customer can check it once per 14 days to 1 month.

**Burner A85 contains the same features as smaller burners ATMOS A25 and A45. The boiler D80P with burner A85 must always be installed with a buffer tank of minimal volume 1000 l. In such system we use program of the burner controlling it in accordance with two temperatures (sensors) on the buffer tank.**



Burner ATMOS A85



Burner ATMOS A85 with pneumatic cleaning

## Pellet conveyors for burner ATMOS A45/85:

**Auger pellet conveyor with shaftDRA 50**  
length 1,7 m and diameter 80 mm (gearbox 40 W)

code: H0039

**Auger pellet conveyor with shaftDRA 50**  
length 2,5 m and diameter 80 mm (gearbox 40 W)

code: H0037

**Auger pellet conveyor with shaftDRA 50**  
length 4 m and diameter 80 mm (gearbox 40 W)

code: H0004

**Auger pellet conveyor with shaftDRA 50**  
length 5 m and diameter 80 mm (gearbox 40 W)

code: H0005