

NUTECH 14



NUTECH 30

Compact CHP Units type ASV

CHP units situated near the location of consumption contribute considerably to climate conservation. The ASV units benefit from the ecological as well as the economical advantages of co-generation wherever there is a sufficient need for heat: in residential buildings, hotels, elderly homes, swimming pools, clinics, etc.

A combination with absorption refrigeration and/or heat pump increases efficiency. The first units were put into service in 1987 and have by 1997 exceeded 50.000 hrs of operation.

Power and efficiencies

| Pel | Pth | Qgas | η_{el} | η_{th} | η_{tot} | Exhaust emission | Type |
|-------|-------|--------|-------------|-------------|--------------|--------------------------|------------|
| 33 kW | 77 kW | 118 kW | 28% | 65% | 93% | < TA-Luft with 3-way cat | ASV 30/63P |
| 25 kW | 58 kW | 90 kW | 28% | 65% | 93% | TA-Luft (lean burn) | ASV 30/63P |
| 18 kW | 43 kW | 65 kW | 28% | 66% | 94% | > TA-Luft | ASV 18/43 |
| 14 kW | 32 kW | 49 kW | 28% | 65% | 93% | TA-Luft (lean burn) | ASV 18/43 |
| 13 kW | 30 kW | 46 kW | 28% | 65% | 93% | ½ TA-Luft with Oxy cat | ASV 18/43 |

All figures in the table, especially the input power Q_{gas} , are valid for natural gas and refer to a calorific value of 8,64 kWh/m³ (LHV), temperatures of the heating water of 80/60°C, air temperature 25°C and altitude 50 mtr above sea level. With a different gas quality, air temperature and altitude, variations are possible. Values for power are given with an accuracy of $\pm 5\%$.

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Nedalo, supplier of Combined Heat and Power units, Marine and Industrial engines, Standby power units, Maintenance and Service

Nedalo, leverancier van Warmte/Kracht installaties, Scheeps- en Industriemotoren, Noodstroomaggregaten, Onderhoud en Service



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