



## Thermal Unit STUTTGART

### Principais Caraterísticas

- Digital control board;
- Cast iron elements;
- 3 smoke passageways;
- Excellent thermal and acoustic insulation;
- Simplified design for easy maintenance and cleaning;
- High protection against external agents;
- 2 Year Warranty,
- Includes high efficiency circulating pump.

### Descrição do Produto

Digital control board, Cast iron body, Available with powers of 25, 32 and 40kW. The range is divided into three versions:

- STUTTGART-A - For Central Heating and Instant Hot Water - Exchanger;
- STUTTGART-AC - For Central Heating and DWH by external accumulation - 2 circulating pumps;
- STUTTGART-C - Only for Central Heating - 1 circulator pump.

There are also each one of the previous versions with combustion air supply model



TECHNICAL DATA	25	32	40
No. Elements of the Body	3	4	5
Nominal Heating Power (kW/kcal/h)	25 / 21.500	32 / 27.500	40 / 34.386
Usable Thermal Power (%)	91	92,8	90,3
Type of Fuel	Diesel	Diesel	Diesel
Temperature of Combustion Gases (°C)	187	185	182
Pressure loss gas side (mbar)	0,31-0,46	0,42-0,59	0,61-0,89
Total Volume Smoke Circuit (m <sup>3</sup> )	0,024	0,033	0,043
Combustion Chamber Diameter Depth (mm)	290 / 280	290 / 380	290 / 480
Combustion Chamber (Volume) (m <sup>3</sup> )	0,017	0,023	0,030
Burner	Ecoflam	Ecoflam	Ecoflam
HYDRAULIC DATA			
Primary Circuit Fluid	Water Anti-Corrosive and Anti-Freeze	Water Anti-Corrosive and Anti-Freeze	Water Anti-Corrosive and Anti-Freeze
Temperature in the Primary Circuit (°C)	70-90	70-90	70-90
Activation Temperature of the Safety Thermostat (°C)	100	100	100
Maximum Pressure in the Primary Circuit (bar)	3	3	3
Body Test Pressure (bar)	5,2	5,2	5,2
Loss of Load in the Primary Circuit (mbar)	1,5	1,8	2,2
Water Volume (lts)	13,74	17,38	21,02
DHW PRODUCTION			
Continuous Production of DHWAQS $\Delta T=30^{\circ}C$ (lts/min)	12	15	19
Maximum Pressure DHW (bar)	6	6	6
SIZE AND WEIGHT			
Height (mm)	920	920	920
Depth (mm)	700	800	950
Width (mm)	520	520	520
Weight (kg)	165	195	225
ELECTRICAL DATA			
Power Supply (V/Hz/F)	230/50/1~	230/50/1~	230/50/1~
EXHAUST AND VENTILATION			
Diameter Smoke Exit (mm)(mm)	130	130	150
Minimum Diameter (mm)	150	150	175
Minimum Height (m)	> 5	> 5	> 5
Diameter of Air Admission (cm <sup>2</sup> )	> 213	> 279	> 348



**INSTANTÂNEA****Modelos e Preços**

<b>Código</b>	<b>Modelo</b>
0101-0401	Thermal Unit STUTTGART 25-A
0101-0402	Thermal Unit STUTTGART 25-AC
0101-0405	Thermal Unit STUTTGART 32-A
0101-0406	Thermal Unit STUTTGART 32-AC
0101-0409	Thermal Unit STUTTGART 40-A
0101-0410	Thermal Unit STUTTGART 40-AC
0101-0413	Thermal Unit STUTTGART 25-C
0101-0415	Thermal Unit STUTTGART 32-C
0101-0417	Thermal Unit STUTTGART 40-C

