

# ENVIROPEEL

THERMOPLASTIC SYSTEMS

## EQUIPMENT DATA SHEET

# CA18 BASE APPLICATION UNIT

The Enviropeel Base Unit is the standard machine for the application of Enviropeel in non-hazardous environments. It is available in two capacities - CA18 and CA30 (see additional CA30 leaflet).



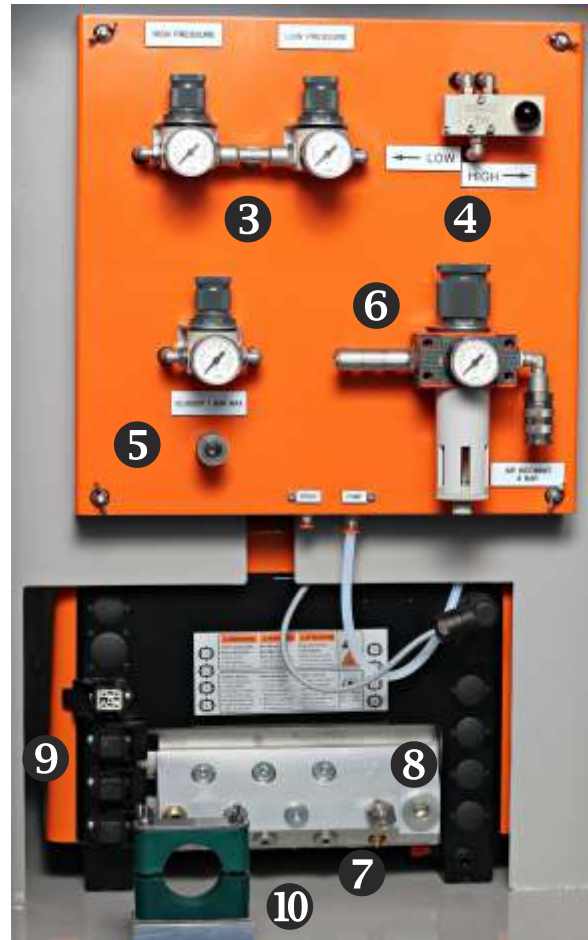
- ① Microprocessor Control Panel & IP67 Microprocessor Enclosure
- ② Light Indicator
- ③ Power Connector (varies according to spec)
- ④ KPC 12 Material Pump (Air Powered)
- ⑤ Heating Tank
- ⑥ Air Pressure Controls
- ⑦ Hose Manifold, Clamp & Cable Connectors
- ⑧ Up & Over Opening Door
- ⑨ Tool Drawer
- ⑩ Hose Storage Compartment



**A&E**  
**GROUP**  
ALOCIT & ENVIROPEEL WORLDWIDE



- ❶ Microprocessor Control Panel
- ❷ Application Head
- ❸ Low and High Pressure Regulators
- ❹ Low/High Pressure Switch
- ❺ Air Accessory Output



- ❻ Compressed Air Input & Regulator
- ❼ Material Drain Plug
- ❽ Filter Access
- ❾ Hose Electrical Connections
- ❿ Hose Clamp

The Enviropeel application unit is supplied as standard with a 10metre (33 ft) hose and application head

Heating elements and heat sensors are located throughout the entire hose, in the application head and in the main tank. Temperatures are monitored and controlled across the entire system by the microprocessor which, in turn, is programmed through the control panel. In case of error, the system will shutdown automatically via the microprocessor with additional thermal overload switches as back up protection.

### Compressed Air

The unit requires 7-10 bar of clean pneumatic air. Compressed air powers the material pump and is supplied to the application head for spray pattern control.

### Electrical Power Supply

The Enviropeel Base Units are supplied either according to the US or Euro power requirements:

US Power Specifications: 220VAC, 50-60Hz, 32 Amps, 3-phase and Earth connections, 4-core wire.

Euro Power Specifications: 415VAC, 50-60Hz, 32 Amps, 3-phase, Neutral and Earth connections, 5-core wire.



AUSTRALIA: A&E Systems PTY Ltd, 3/20 Clark Court, Bibra Lake, Perth WA 6163 : +61 (0)8 94183688 : [aus@ae-sys.com](mailto:aus@ae-sys.com)

EUROPE: A&E Systems Ltd, 3 Charles Wood Road, Dereham, NR19 1SX, UK : +44 (0)1362 694915 : [uk@ae-sys.com](mailto:uk@ae-sys.com)

MALAYSIA: A&E Systems Sdn Bhd - 26 Jalan Pendaftar U1/54, Seksyen U1, 40150 Shah Alam : +60 (0)3-5569 4277 : [mal@ae-sys.com](mailto:mal@ae-sys.com)

USA: A&E Anti-Corrosion Systems LLC, 150 Hilden Rd, Ste 301, Ponte Vedra, Fla 32081 : +1 904 819-8985 : [usa@ae-sys.com](mailto:usa@ae-sys.com)

*For further information on Enviropeel products please contact your local office or visit our website:*

**[www.ae.sys.com](http://www.ae.sys.com)**