

# NetWork™ 306 -- 300mm Wall System

February 2003



## DAW TECH

**The 306 Studless Wall is a new Daw product designed specifically for the taller wall requirements of 300mm fabs.**

### OVERVIEW:

The Network™ 306 is a batten-less aluminum honeycomb wall system with an internal splice that divides the wall into upper and lower panels. The upper panel hangs from the head track allowing the lower panel to be removed for tool move-in. The timesavings and convenience derived from this feature combined with a batten-less type wall are significant. Tool changes, bulkheading and future wall modifications are expedited preserving valuable manufacturing time using this studless batten-free wall system.

The Network™ 306 is a 1.750" studless, non-progressive demountable wall system comprised of aluminum honeycomb panels and extruded aluminum trim. The 306 wall is designed for areas where high demountability is required. It is fully compatible with the Network 307 wall system that would normally be used in areas where only moderate demountability is needed. The 306 system is capable of spanning 18'-0" high, even higher upon request. Formed panel edges and integral gaskets eliminate the need for battens. The 306 curtain wall facilitates quick and easy installation requiring only the head and basetrack be installed prior to panel installation versus a panel-on-stud wall involving stick framing prior to placement of wall panels. Tool changes, bulkheading and future wall modifications are expedited preserving valuable manufacturing time using this studless batten-free wall system. Flush glazing, retrofit glazing, return-air grills, bulkheading and integral doors are also available.

### CHARACTERISTICS:

- > 14'-0" wall deflection performance: Uniform load of <math><L/180 @ 5 \text{ lbs. Per sq. ft. (24kg/sq.m.)}</math>.
- > Aluminum honeycomb panels.
- > Epoxy powder coat finish.
- > Aluminum extrusion alloy: 6063, T5 Aluminum sheet stock alloy: 5052, H32.
- > Panel weight is approximately 2 pounds per square foot.

### FEATURES:

- > Panels are available in a variety of coatings including conductive, static-dissipative and chemically resistant.
- > Various glazing options available for filtering U.V. and/or conductive or static dissipative glass.
- > Panels and appurtenances available in either Imperial or metric sizes.
- > Integral conduit penetrations are available.
- > Non-progressive demountable design.
- > Grounding clips for conductive or static dissipative partitions available.
- > Monitor and keyboard shelves available.
- > Packaging is performed in a clean packaging area to minimize the wipe down process when components are prepped for installation.

### BENEFITS:

- > The 306 wall is designed for areas where high demountability is required.
- > The 306 system permits the transom panels to remain in place while the bottom panels are removed facilitating equipment move-in. Since the transom panels are hanging above the traffic of other construction trades the 306 wall can actually be installed earlier in the construction process resulting in a shorter ramp-up of the cleanroom envelope.
- > Lightweight construction and batten-less panels simplify installation.
- > Aluminum construction permits easy field penetration and/or modification for process piping, bulk-heading and automated material handling systems (AMHS).

