

3.3 Energy Efficient Appliances

To keep in line with the Project's sustainability approach, all appliances installed by ADAC and tenant fit-out spaces shall be Energy efficient accredited with:

- Energy Star
- Minimum "A" rating under the EU Energy efficiency labelling scheme
- Or any other equivalent rating system

These appliances generally consume 20-30% less electricity than their non-compliant counter parts. This means lower operating costs, less pressure on energy requirement, reduce carbon footprint and a fewer fossil fuel consumed. Most of the standard manufacturers producing appliance to meet this requirement, for more details please visit www.ec.europa.eu/energy/efficiency or www.energystar.gov

The following appliances must be in compliance

<u>Appliances</u>	<u>Few Manufacturers with accredited models</u>
Flight information Display	JVC, SAMSUNG, Magnavox, Insignia, Hitachi, LG
Servers	Acer, Apple, Dell, HP, Lenova, Sony
Computers	Acer, Apple, Dell, HP, Lenova, Sony
Monitors	Acer, Apple, Dell, HP, Lenova, Sony
Printers	HP, Sony, Epson, Canon
Lazy baggage roller	TBC
Dishwashers	CMA, Dishmachines, Electrolux, Meiko, Insinger
Refrigerators	MAXX_COLD<Beverage Air, Blue Air, Continental, Hoshizaki, Defield,
Freezers	Fridgidaire, Hoshizaki, Master-Bilt, McCall, Traulsen
Ovens	Blodgett, Lang, Hobart, Wolf
Ice machines	Hoshizaki, Maintowoc, Ice-O-Matic, Prodigy
Fryers / Griddles	Frymaster, Henny Penny, Pitco Ultrafryer
Car park paying Machines	Skidata , TBC

3.4 Building Management System

The building is equipped with connection to a Building Management System (BMS), providing comprehensive building automation functionality available for use by both the building users and facility maintenance staff.

The BMS system is an extension of the existing system serving the T3 building.

The system is based on the non-proprietary open industry protocol and network standards as defined by ANSI/ASHRAE Standard 13S-2001, BACnet as adopted by ISO in December 2002 as Standard TC-20S.

Control and monitoring functions of the BMS includes the following HVAC related functions:

- Control and monitoring all functions 24 hours per day 7 days per week.
- Control and sequencing of the chilled water pumps.
- Control of the air handling and fan coil units (2-way coil valves) to deliver adequate cooling capacity to all respective zones (to maintain internal temperatures).