**Technical Specification - Chiller**

**Description Unit XAC2S-010R2**

**Nominal Cooling Capacity** Kw (TR) 32.35 (9.2)

**Compressor**

Type Hermetically Sealed Scroll

Quantity No. 2

Motor Type

Refrigerant Cooled , 3 Ph, 2 Pole Squirrel Cage

Induction Motor

Operating Speed 2900

Power Supply 400V(+/-10%),3Ph,50Hz

**Condenser**

Total Face Area Sq mtr. (Sq. ft.) 2.23 (24)

Rows Deep No. 2

Tube Material Inner Grooved Copper

Type of Aluminium Fins Super Slit

**Fan for Air-Cooled Condensor**

Fan Dia. mm 610

Quantity No. 2

Air-Flow CFM 12,000

**Condenser Fan Motor**

Type Totally Enclosed, Pad Mounted.

Quantity No. 2

Speed RPM 910

Power Input Kw 0.5

**DX-Cooler**

Tube Type & Material Inner Grooved Copper Tubes

No of Refrigerant Circuit No. 2

Water Connection Size In/Out Inch. 1-1/2" NB

**Expansion Valve** Thermostatic Expansion Valve

**Overall Dimension**

Length mm 1775

Width mm 935

Height mm 1505

**Operating Weigth (approx.)** Kg. 675

**Rating Conditions**

1. Entering air over condensor temperature : 950 F

2. Entering cooler water temperature : 540 F, Leaving water Temperature : 440 F

3. Cooler Faouling Factor : 0.0001 Hr. Sq.ft.Deg. F/BTU