

SECTION 15 - SCHEDULES

15.08 CHILLER SCHEDULE

Ref.	CH/5.01, 5.02 & 5.03
Type	Packaged Air-Cooled Chiller
Location	First Floor Externally
Manufacturer	Clima Venata
Model	NX2-G06/UP/0112
Quantity	3 (Duty/Assist/Standby)
Compressor Type	Scroll Compressor
Flow Temperature	6°C
Return Temperature	12°C
External Ambient Temperatures	35°C db and 21°C wb.
Chiller Duty	102 kW
Chilled Water Flow Rate	4.05 l/s
Buffer Vessel (If Required)	1,000L, Refer to Buffer Vessel Schedule
Refrigerant Type	R454b
Rated Voltage	400V / 3Ø / 50Hz
Running Current	84 A
Maximum Current	260 A
Dimensions H x W x D (mm)	1,980 x 1,195 x 2,825
Weight (wet)	930 kg
Sound Power Level (at unit)	89 dB(A)

Notes:

1. The chillers shall be supplied complete with high head pump.
2. The chillers shall be provided with all necessary ancillaries and controls.
3. The chillers shall be mounted on a bigfoot support system, as detailed by the structural engineer.
4. The chiller shall be provided with Internal anti-vibration dampers on the compressors, mufflers, dampers on refrigerant pipes and acoustically lagged compressor enclosure.
5. The chillers shall have volt free contacts for plant enable and common fault alarm for connection to BMS.
6. The chillers shall be as manufactured by Clima Venata Ltd and supplied by PACAIR Ltd, or equal and approved.

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