

## COOLING TOWER SELECTION

- ▶ 1. DESIGN CONDITION
  - HOT WATER TEMP: 37°C
  - COLD WATER TEMP: 32°C
  - WET BULB TEMP: 28°C
  - WATER FLOW : 100m<sup>3</sup>/hr
  - RANGE (HWT-CWT)=37-32=5°C
- ▶ 2. FIND CORSS POINT -A
  - CROSS POINT HOT WATER TEMP LINE AND WET BULB TEMP.
- ▶ 3. FIND CORSS POINT-B
  - CORSS POINT A EXPENDED LINE AND RANGE 5°C LINE.
- ▶ 4. FIND CROSS POINT- C
  - CROSS POINT B EXPENDED LINE AND WATER FLOW (100m<sup>3</sup>/hr) LINE.
- ▶ 5. FIND SELECTION MODEL
  - CROSS POINT C EXPENDED LINE-JNT-100.

## JNT SERIES SELECTION CHART

