

NYB PRESSURE BALANCING ACROSS UNIT



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The valve in the outlet of the evaporator has 10 positions. Position 0 the total closing position (0°) and 9 the total opening position (90°). With the working condition here enclosed, the adjustment valves is suggest to be set as follows:

Number of Units	Position
9 units	Unit 1: position 5 (50 °); (Partially closed) Unit 2: position 5 (50 °); (Partially closed) Unit 3: position 5 (50 °); (Partially closed) Unit 4: position 5 (50 °); (Partially closed) Unit 5: position 6 (60 °); (Partially closed) Unit 6: position 9 (90 °); (Totally open) Unit 7: position 9 (90 °); (Totally open) Unit 8: position 9 (90 °); (Totally open) Unit 9: position 9 (90 °); (Totally open)
8 units	Unit 1: position 5 (50 °); (Partially closed) Unit 2: position 5 (50 °); (Partially closed) Unit 3: position 5 (50 °); (Partially closed) Unit 4: position 5 (50 °); (Partially closed) Unit 5: Position 6 (60 °); (Totally open) Unit 6: position 9 (90 °); (Totally open) Unit 7: position 9 (90 °); (Totally open) Unit 8: position 9 (90 °); (Totally open)
7 units	Unit 1: position 5 (50 °); (Partially closed) Unit 2: position 5 (50 °); (Partially closed) Unit 3: position 5 (50 °); (Partially closed) Unit 4: position 5 (50 °); ((Totally open) Unit 5: Position 6 (60 °); (Totally open) Unit 6: position 9 (90 °); (Totally open) Unit 7: position 9 (90 °); (Totally open)
6 units	Unit 1: position 5 (50 °); (Partially closed) Unit 2: position 5 (50 °); (Partially closed) Unit 3: position 5 (50 °); (Totally open) Unit 4: position 5 (50 °); ((Totally open) Unit 5: Position 6 (60 °); (Totally open) Unit 6: position 9 (90 °); (Totally open)
5 units	Unit 1: position 5 (50 °); (Partially closed) Unit 2: position 5 (50 °); (Totally open) Unit 3: position 5 (50 °); (Totally open) Unit 4: position 5 (50 °); ((Totally open) Unit 5: Position 6 (60 °); (Totally open)
4 units	Unit 1: position 5 (50 °); (Totally open) Unit 2: position 5 (50 °); (Totally open) Unit 3: position 5 (50 °); (Totally open) Unit 4: position 5 (50 °); ((Totally open)

These are general indications that have to be double checked on the field (looking the DT at full load for example). Generally it is not suggested to set the valve below position 5 (50°) because the pressure drops increase too much.