

T PLATE B OIL

Brazed Plate Heat Exchangers for Oil
Quick Selection Data Sheets



T PLATE B OIL

Tables of correction factors

| Schedule of correction factors for pressure drop depending on the type of oil | | | | | | |
|---|------|------|----|------|-----|-----|
| Type of Oil (ISOVG) | 22 | 30 | 46 | 68 | 100 | 150 |
| Correction factor multiplicative | 0.38 | 0.62 | 1 | 1.52 | 2.4 | 3.4 |

Diagrams are based on oil ISO VG46.

Multiply the pressure drop reported to Olio ISO VG46 for the correction factor multiplicative corresponding to the type of oil you choose.

| Schedule of correction factors for potentiality depending on the type of oil | | | | | | |
|--|------|------|----|------|------|------|
| Type of Oil (ISOVG) | 22 | 32 | 46 | 68 | 100 | 150 |
| Correction factor multiplicative | 1.15 | 1.05 | 1 | 0.88 | 0.78 | 0.65 |

Diagrams are based on oil ISO VG46.

Multiply the pressure drop reported to Olio ISO VG46 for the correction factor multiplicative corresponding to the type of oil you choose.

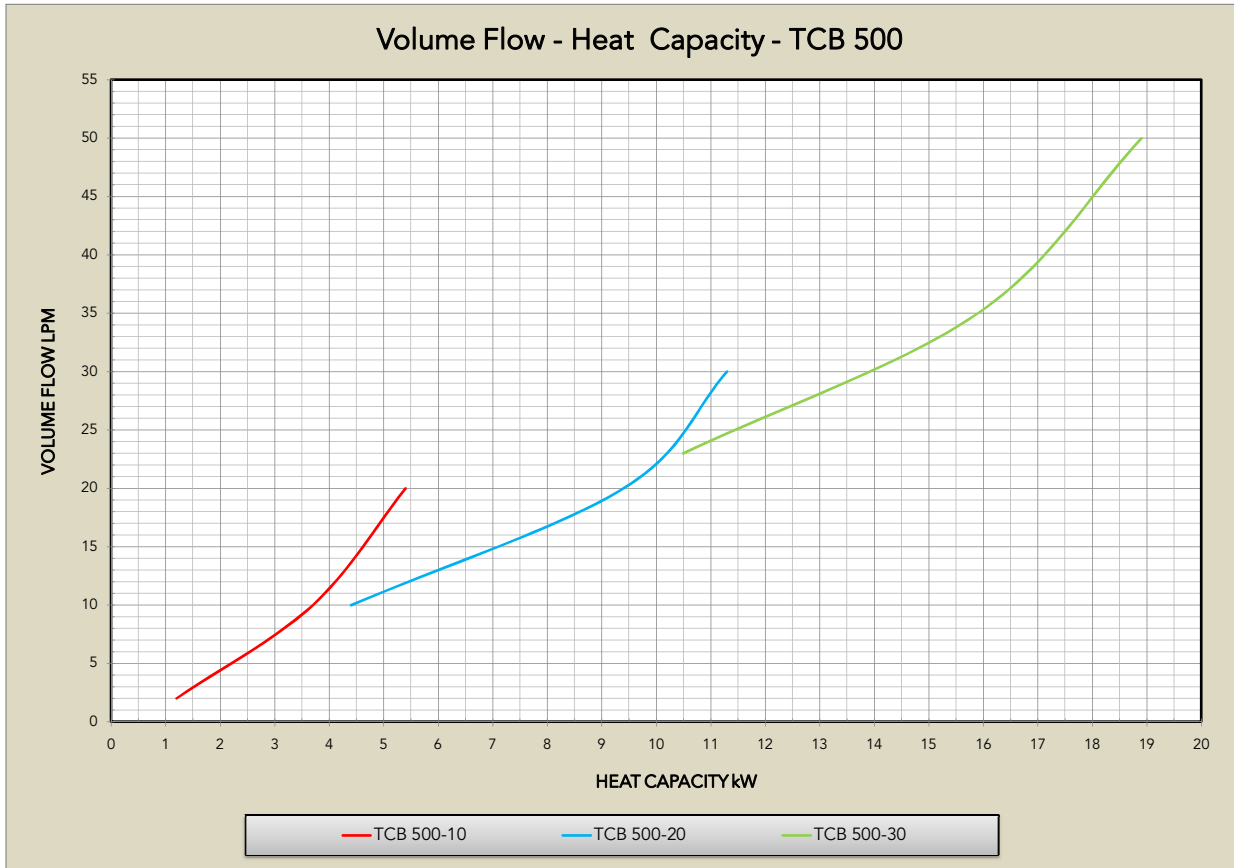
| Schedule of correction factors for power according to the ratio Oil: Water | | | |
|--|-----|------|------|
| Ratio Oli:Water | 2:1 | 4:1 | 6:1 |
| Coefficient multiplicative kq | 1 | 0.82 | 0.65 |

Diagrams are based on ratio 2:1 (Oil:Water).

Multiply the power refers to the ratio 2:1 for the correction factor multiplicative corresponding to the ratio established. Calculation take oil temp. outlet 50°C - Water inlet 25°C.

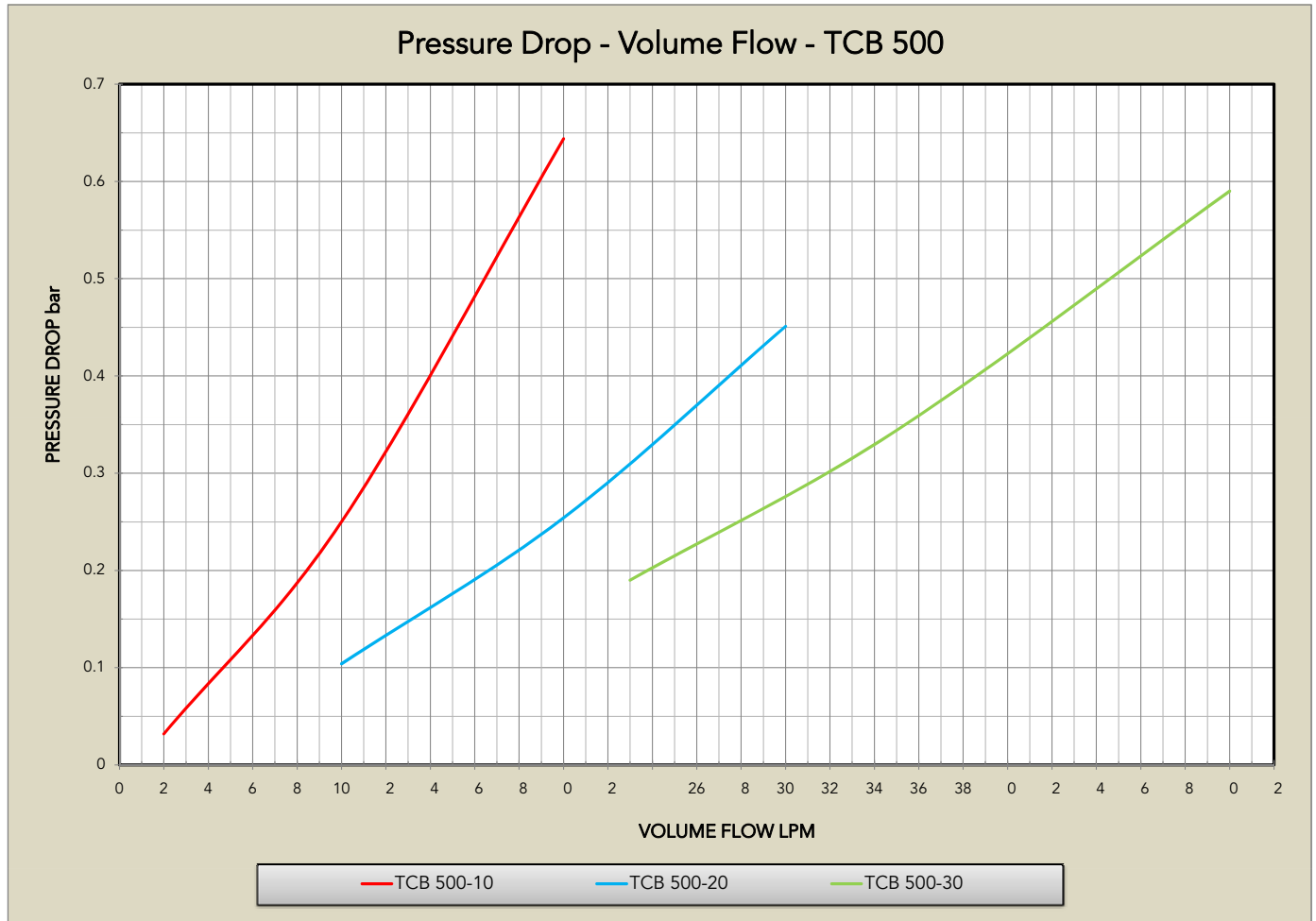
T PLATE B OIL

Series TCB 500



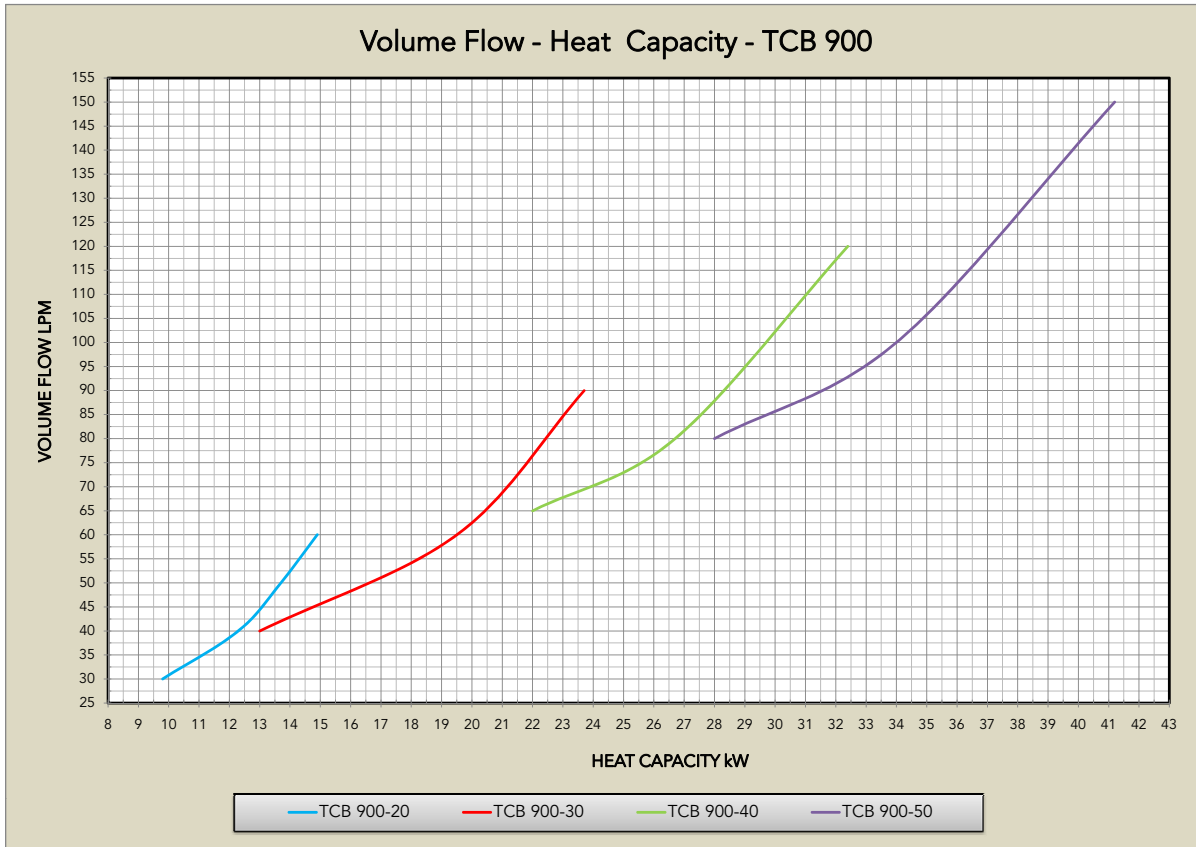
T PLATE B OIL

Series TCB 500



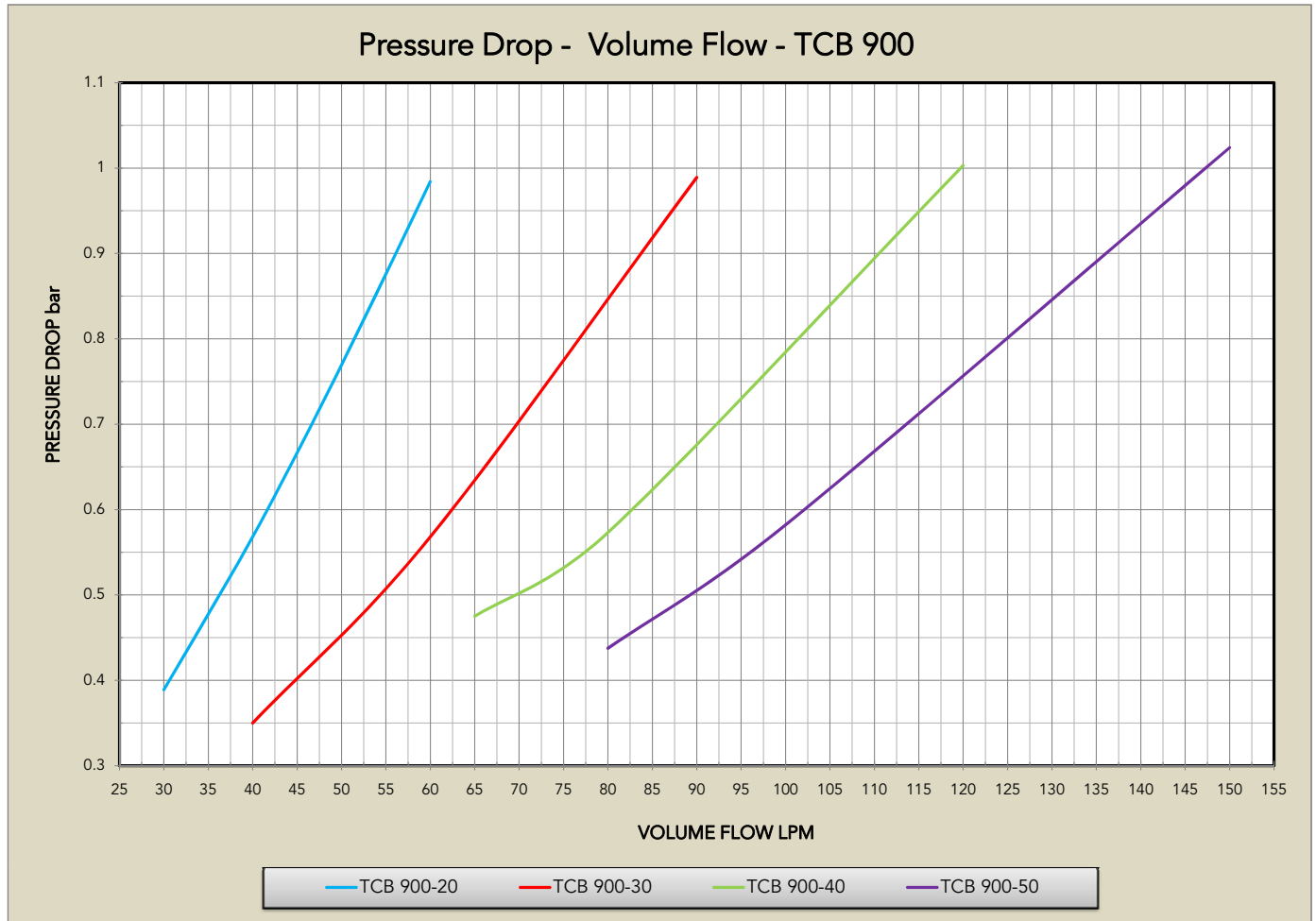
T PLATE B OIL

Series TCB 900



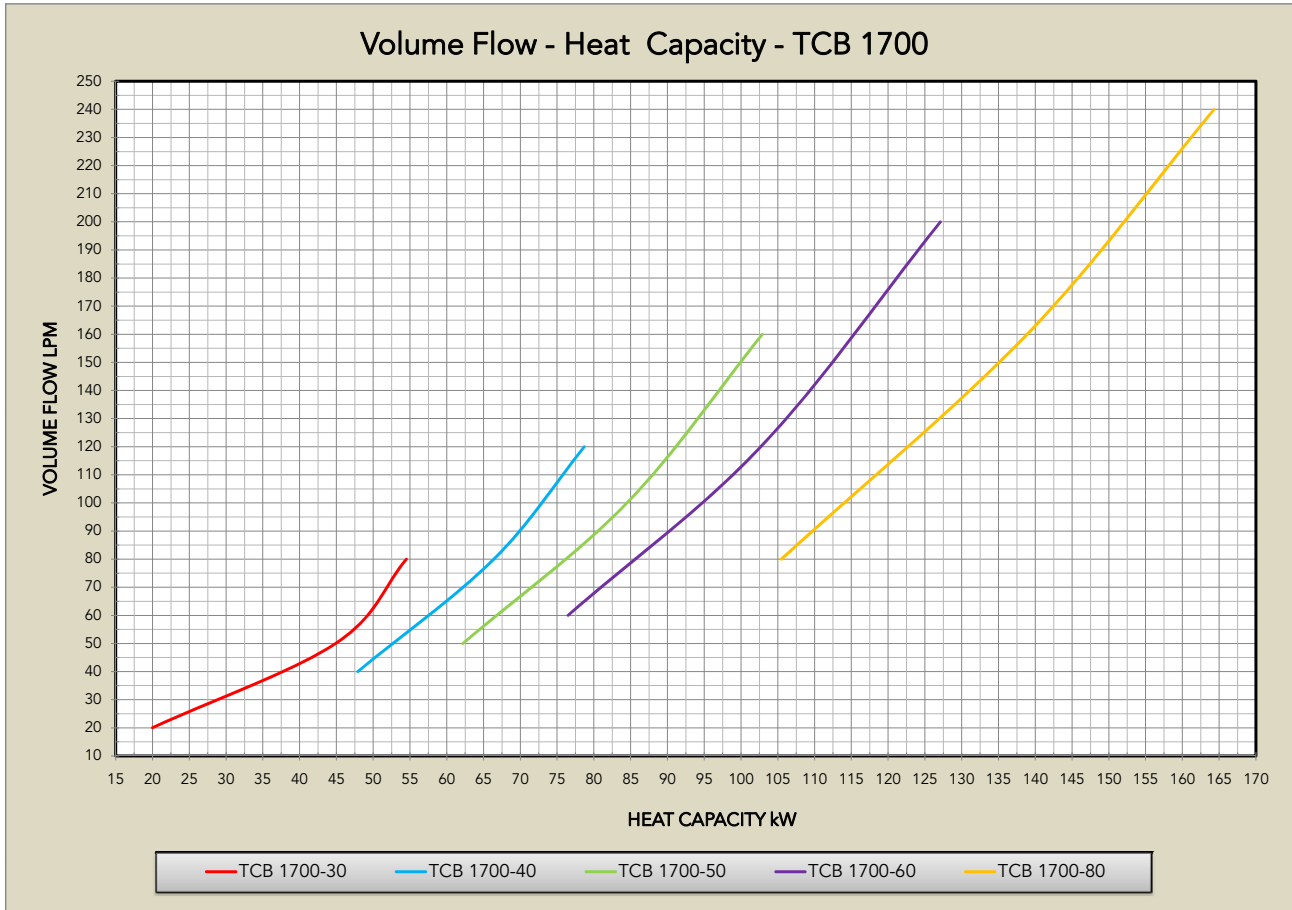
T PLATE B OIL

Series TCB 900



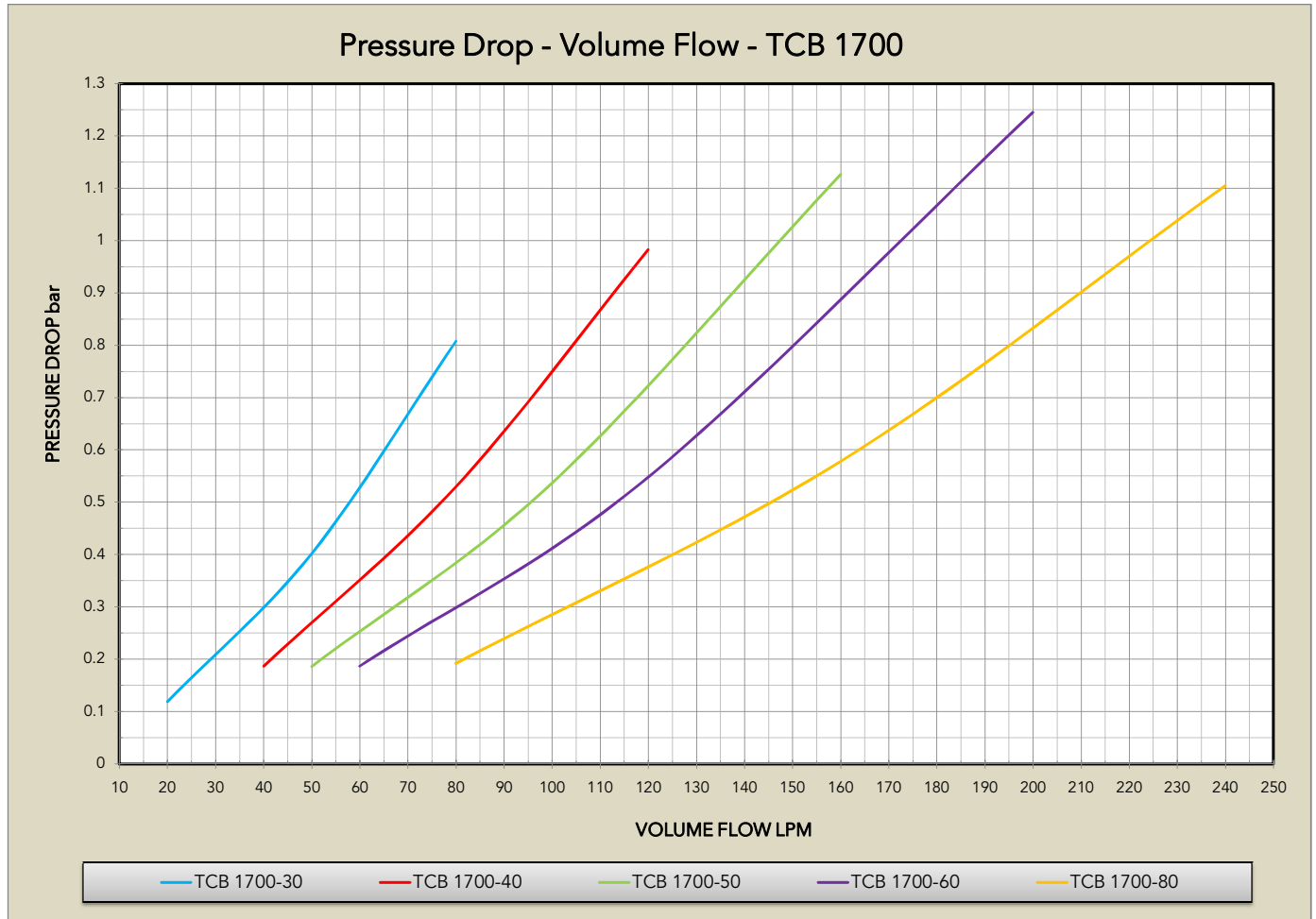
T PLATE B OIL

Series TCB 1700



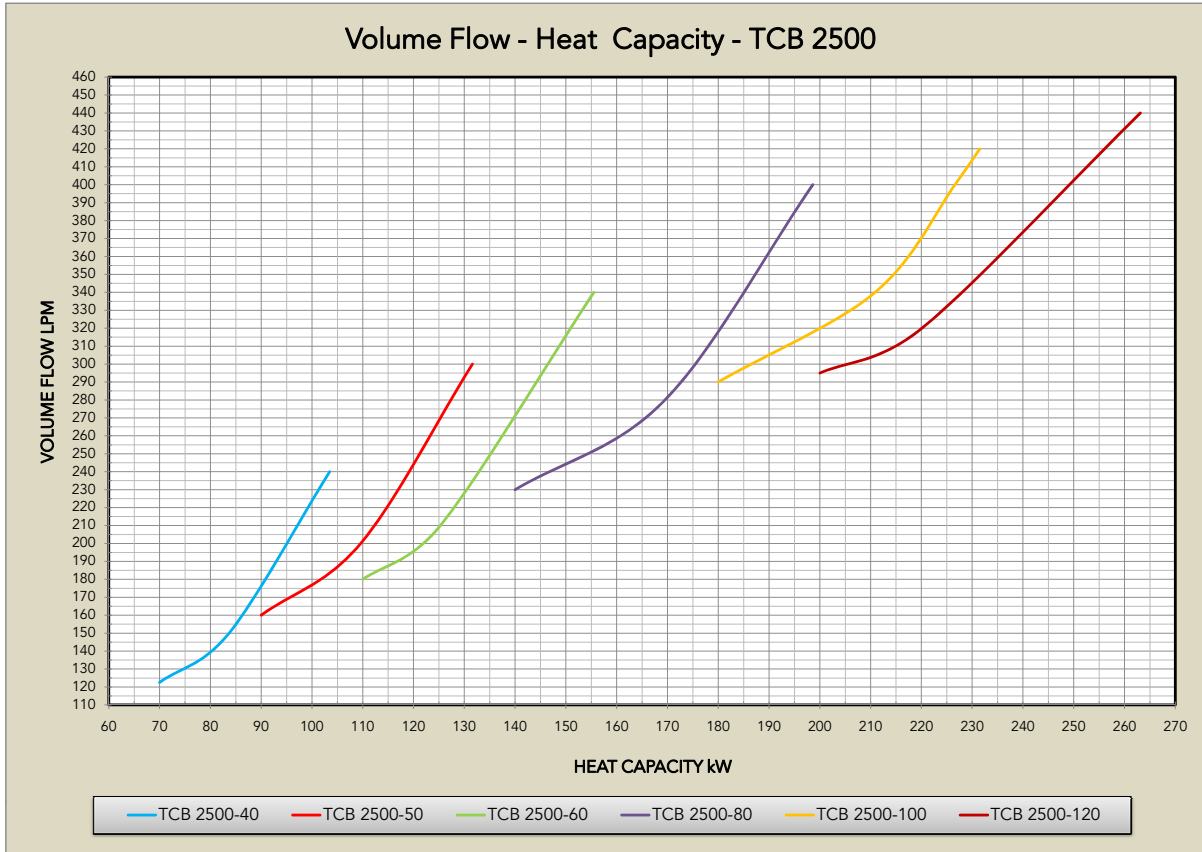
T PLATE BOIL

Series TCB 1700



T PLATE B OIL

Series TCB 2500



T PLATE B OIL

Series TCB 2500

