

| CAR   |      |     | CAP   |      |           | DAC        |       |      |       |           |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|-------|------|-----|-------|------|-----------|------------|-------|------|-------|-----------|------------|----|------|------|-------|----|------|------|----|------|------|---|------|------|
| valve | port | Cv  |       |      | Pre-Pinch | Full Round |       |      |       |           |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
| 1/2   | full | 12  | Valve | port | full      | Cv         | valve | port | Cv    | Pre-Pinch | Full Round |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       | 0.37 | 9   |       |      |           |            |       |      |       |           |            | 14 | full | 8550 | 10260 |    |      |      |    |      |      |   |      |      |
|       | 0.25 | 4   |       |      |           |            |       |      |       |           |            |    |      |      |       | 12 | 5764 | 6917 |    |      |      |   |      |      |
|       |      |     |       |      |           |            |       |      |       |           |            |    |      |      |       |    |      |      | 10 | 3351 | 4021 |   |      |      |
| 3/4   | full | 32  |       |      |           |            |       |      |       |           |            |    |      |      |       |    |      |      |    |      |      | 8 | 1837 | 2204 |
|       | 0.50 | 14  |       |      |           |            |       |      |       |           |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       | 0.37 | 8   |       |      |           |            |       |      |       |           |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
| 1     | full | 42  | 5     | full | 1364      | 1637       | 16    | full | 11200 | 13440     |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       | 0.75 | 31  |       | 4.0  | 714       | 857        |       | 14   | 7745  | 9294      |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       | 0.62 | 28  |       | 3.0  | 287       | 344        |       | 12   | 5004  | 6005      |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       | 0.50 | 18  |       | 2.5  | 163       | 196        |       | 10   | 3002  | 3602      |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       | 0.37 | 6   |       | 2.0  | 94        | 113        |       | 8    | 1711  | 2053      |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       |      |     |       |      |           |            |       |      |       |           |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
| 1.5   | full | 86  | 6     | full | 1843      | 2212       | 18    | full | 14300 | 17160     |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       | 1.00 | 35  |       | 5.0  | 1180      | 1416       |       | 16   | 10344 | 12413     |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       | 0.75 | 18  |       | 4.0  | 567       | 680        |       | 14   | 6710  | 8052      |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       | 0.62 | 12  |       | 3.0  | 280       | 336        |       | 12   | 4500  | 5400      |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       | 0.50 | 11  |       | 2.5  | 152       | 182        |       | 10   | 2790  | 3348      |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       |      |     |       | 2.0  | 91        | 109        |       | 8    | 1632  | 1958      |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
| 2     | full | 170 | 8     | full | 3040      | 3648       | 20    | full | 17600 | 21120     |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       | 1.50 | 79  |       | 6.0  | 1436      | 1723       |       | 18   | 13400 | 16080     |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       | 1.00 | 30  |       | 5.0  | 832       | 1000       |       | 16   | 9125  | 10950     |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       | 0.75 | 17  |       | 4.0  | 460       | 553        |       | 14   | 6000  | 7200      |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       | 0.50 | 8   |       | 3.0  | 233       | 280        |       | 12   | 4166  | 4999      |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       |      |     |       | 2.5  | 143       | 172        |       | 10   | 2650  | 3180      |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
| 2.5   | full | 346 | 10    | full | 4520      | 5424       | 24    | full | 26100 | 31320     |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       | 2.00 | 156 |       | 8.0  | 2534      | 3040       |       | 20   | 15120 | 18144     |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       | 1.50 | 70  |       | 6.0  | 1149      | 1379       |       | 18   | 10830 | 12996     |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       | 1.00 | 29  |       | 5.0  | 800       | 960        |       | 16   | 7536  | 9043      |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       | 0.75 | 18  |       | 4.0  | 420       | 504        |       | 14   | 5167  | 6200      |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       | 0.50 | 10  |       | 3.0  | 208       | 250        |       | 12   | 3780  | 4536      |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       |      |     |       |      |           |            |       |      |       |           |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
| 3     | full | 576 | 12    | full | 6400      | 7680       | 30    | full | 42500 | 51000     |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       | 2.50 | 293 |       | 10   | 3936      | 4723       |       | 24   | 21250 | 25500     |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       | 2.00 | 148 |       | 8.0  | 2057      | 2468       |       | 20   | 12000 | 14400     |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       | 1.50 | 66  |       | 6.0  | 1003      | 1203       |       | 18   | 8900  | 10680     |            |    |      |      |       |    |      |      |    |      |      |   |      |      |
|       | 1.00 | 29  |       | 4.0  | 402       | 482        |       | 16   | 6461  | 7753      |            |    |      |      |       |    |      |      |    |      |      |   |      |      |