



### TurboDrop® Asymmetric DualFan






The TurboDrop DualFan (TADF) can be used in a variety of applications, from burndown with glyphosate to contact herbicides like Ignite. The TADF may improve coverage with certain canopy types, or even help target smaller, just emerging weeds.







By creating the proper droplet size at high pressure, the TurboDrop DualFan provides the velocity required to deliver the air-filled droplets deep into the plant canopy, and the backside coverage required for complex targets. At 30-70 psi, most sizes of the TurboDrop DualFan will deliver the optimal droplet size for glyphosate, with excellent drift control. At 60 or 70 psi up to 120 psi, with sizes 03 to 08, the droplet size is ideal for Ignite.

One size will often fit a variety of applications. For example, the 04 TurboDrop® DualFan will deliver glyphosate at 10gpa at 11-15mph between 35 and 65psi. For 15gpa fungicides, or other contact pesticides, this same nozzle could be operated at 11-13mph at roughly 80-110psi. Sprayer speed could be reduced a couple of miles per hour (9-10mph) to deliver 20gpa at 90-110psi.

To maximize coverage, TADF nozzles may be alternated on the boom to provide four angles of spray orientation into the canopy, effectively spraying the target four times in one pass.

**Pressure Range:** 30-120 psi **Recommended Boom Height:** 18-36" (with 20" nozzle spacing)  
**Materials of Construction:** Polyacetyl, EPDM, Ceramic (TDCXL/TACDF/TDVC)

|  | Liquid Pressure PSI | Droplet Size ASABE | Nozzle Capacity GPM | GALLONS PER ACRE BASED ON 20" NOZZLE SPACING |       |       |       |       |        |        |        |        |        |        |        |        |        |        |  |
|--|---------------------|--------------------|---------------------|--|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
|  |                     |                    |                     | 5 MPH  | 6 MPH | 7 MPH | 8 MPH | 9 MPH | 10 MPH | 11 MPH | 12 MPH | 13 MPH | 14 MPH | 15 MPH | 16 MPH | 17 MPH | 18 MPH | 20 MPH |  |
| <br>(uses 50 mesh) | 30                  | M                  | 0.09                | 5.1  | 4.3   | 3.7   | 3.2   | 2.9   | 2.6    | 2.3    | 2.1    | 2.0    | 1.8    | 1.7    | 1.6    | 1.5    | 1.4    | 1.3    |  |
|  | 40                  | M                  | 0.10                | 5.9  | 5.0   | 4.2   | 3.7   | 3.3   | 3.0    | 2.7    | 2.5    | 2.3    | 2.1    | 2.0    | 1.9    | 1.7    | 1.7    | 1.5    |  |
|  | 50                  | M                  | 0.11                | 6.6  | 5.5   | 4.7   | 4.2   | 3.7   | 3.3    | 3.0    | 2.8    | 2.6    | 2.4    | 2.2    | 2.1    | 2.0    | 1.8    | 1.7    |  |
|  | 60                  | F                  | 0.12                | 7.3  | 6.1   | 5.2   | 4.5   | 4.0   | 3.6    | 3.3    | 3.0    | 2.8    | 2.6    | 2.4    | 2.3    | 2.1    | 2.0    | 1.8    |  |
|  | 70                  | F                  | 0.13                | 7.9  | 6.5   | 5.6   | 4.9   | 4.4   | 3.9    | 3.6    | 3.3    | 3.0    | 2.8    | 2.6    | 2.5    | 2.3    | 2.2    | 2.0    |  |
|  | 80                  | F                  | 0.14                | 8.4  | 7.0   | 6.0   | 5.3   | 4.7   | 4.2    | 3.8    | 3.5    | 3.2    | 3.0    | 2.8    | 2.6    | 2.5    | 2.3    | 2.1    |  |
|  | 90                  | F                  | 0.15                | 8.9  | 7.4   | 6.4   | 5.6   | 5.0   | 4.5    | 4.1    | 3.7    | 3.4    | 3.2    | 3.0    | 2.8    | 2.6    | 2.5    | 2.2    |  |
|  | 100                 | F                  | 0.16                | 9.4  | 7.8   | 6.7   | 5.9   | 5.2   | 4.7    | 4.3    | 3.9    | 3.6    | 3.4    | 3.1    | 2.9    | 2.8    | 2.6    | 2.3    |  |
| 120  | F                   | 0.17               | 10.3                | 8.6  | 7.3   | 6.4   | 5.7   | 5.1   | 4.7    | 4.3    | 4.0    | 3.7    | 3.4    | 3.2    | 3.0    | 2.9    | 2.6    |        |  |
|                   | 30                  | C M                | 0.13                | 7.7  | 6.4   | 5.5   | 4.8   | 4.3   | 3.9    | 3.5    | 3.2    | 3.0    | 2.8    | 2.6    | 2.4    | 2.3    | 2.1    | 1.9    |  |
|  | 40                  | M                  | 0.15                | 8.9  | 7.4   | 6.4   | 5.6   | 5.0   | 4.5    | 4.1    | 3.7    | 3.4    | 3.2    | 3.0    | 2.8    | 2.6    | 2.5    | 2.2    |  |
|  | 50                  | M                  | 0.17                | 10.0   | 8.3   | 7.1   | 6.2   | 5.5   | 5.0    | 4.5    | 4.2    | 3.8    | 3.6    | 3.3    | 3.1    | 2.9    | 2.8    | 2.5    |  |
|  | 60                  | M                  | 0.18                | 10.9   | 9.1   | 7.8   | 6.8   | 6.1   | 5.5    | 5.0    | 4.5    | 4.2    | 3.9    | 3.6    | 3.4    | 3.2    | 3.0    | 2.7    |  |
|  | 70                  | M                  | 0.20                | 11.8   | 9.8   | 8.4   | 7.4   | 6.5   | 5.9    | 5.4    | 4.9    | 4.5    | 4.2    | 3.9    | 3.7    | 3.5    | 3.3    | 2.9    |  |
|  | 80                  | M F                | 0.21                | 12.6   | 10.5  | 9.0   | 7.9   | 7.0   | 6.3    | 5.7    | 5.3    | 4.8    | 4.5    | 4.2    | 3.9    | 3.7    | 3.5    | 3.2    |  |
|  | 90                  | M F                | 0.23                | 13.4   | 11.1  | 9.5   | 8.4   | 7.4   | 6.7    | 6.1    | 5.6    | 5.1    | 4.8    | 4.5    | 4.2    | 3.9    | 3.7    | 3.3    |  |
|  | 100                 | F                  | 0.24                | 14.1   | 11.7  | 10.1  | 8.8   | 7.8   | 7.0    | 6.4    | 5.9    | 5.4    | 5.0    | 4.7    | 4.4    | 4.1    | 3.9    | 3.5    |  |
| 120  | F                   | 0.26               | 15.4                | 12.9   | 11.0  | 9.6   | 8.6   | 7.7   | 7.0    | 6.4    | 5.9    | 5.5    | 5.1    | 4.8    | 4.5    | 4.3    | 3.9    |        |  |
|                   | 30                  | C M                | 0.17                | 10.3   | 8.6   | 7.3   | 6.4   | 5.7   | 5.1    | 4.7    | 4.3    | 4.0    | 3.7    | 3.4    | 3.2    | 3.0    | 2.9    | 2.6    |  |
|  | 40                  | C M                | 0.20                | 11.9   | 9.9   | 8.5   | 7.4   | 6.6   | 5.9    | 5.4    | 5.0    | 4.6    | 4.2    | 4.0    | 3.7    | 3.5    | 3.3    | 3.0    |  |
|  | 50                  | C M                | 0.22                | 13.3   | 11.1  | 9.5   | 8.3   | 7.4   | 6.6    | 6.0    | 5.5    | 5.1    | 4.7    | 4.4    | 4.2    | 3.9    | 3.7    | 3.3    |  |
|  | 60                  | M                  | 0.24                | 14.5   | 12.1  | 10.4  | 9.1   | 8.1   | 7.3    | 6.6    | 6.1    | 5.6    | 5.2    | 4.8    | 4.5    | 4.3    | 4.0    | 3.6    |  |
|  | 70                  | M                  | 0.26                | 15.7   | 13.1  | 11.2  | 9.8   | 8.7   | 7.9    | 7.1    | 6.5    | 6.0    | 5.6    | 5.2    | 4.9    | 4.6    | 4.4    | 3.9    |  |
|  | 80                  | M F                | 0.28                | 16.8   | 14.0  | 12.0  | 10.5  | 9.3   | 8.4    | 7.6    | 7.0    | 6.5    | 6.0    | 5.6    | 5.3    | 4.9    | 4.7    | 4.2    |  |
|  | 90                  | M F                | 0.30                | 17.8   | 14.9  | 12.7  | 11.1  | 9.9   | 8.9    | 8.1    | 7.4    | 6.9    | 6.4    | 5.9    | 5.6    | 5.2    | 5.0    | 4.5    |  |
|  | 100                 | M F                | 0.32                | 18.8   | 15.7  | 13.4  | 11.7  | 10.4  | 9.4    | 8.5    | 7.8    | 7.2    | 6.7    | 6.3    | 5.9    | 5.5    | 5.2    | 4.7    |  |
| 120  | F                   | 0.35               | 20.6                | 17.1   | 14.7  | 12.9  | 11.4  | 10.3  | 9.4    | 8.6    | 7.9    | 7.3    | 6.9    | 6.4    | 6.1    | 5.7    | 5.1    |        |  |
|                   | 30                  | VC C               | 0.22                | 12.9   | 10.7  | 9.2   | 8.0   | 7.1   | 6.4    | 5.8    | 5.4    | 4.9    | 4.6    | 4.3    | 4.0    | 3.8    | 3.6    | 3.2    |  |
|  | 40                  | C                  | 0.25                | 14.9   | 12.4  | 10.6  | 9.3   | 8.3   | 7.4    | 6.8    | 6.2    | 5.7    | 5.3    | 5.0    | 4.6    | 4.4    | 4.1    | 3.7    |  |
|  | 50                  | C M                | 0.28                | 16.6   | 13.8  | 11.9  | 10.4  | 9.2   | 8.3    | 7.5    | 6.9    | 6.4    | 5.9    | 5.5    | 5.2    | 4.9    | 4.6    | 4.2    |  |
|  | 60                  | M                  | 0.31                | 18.2   | 15.2  | 13.0  | 11.4  | 10.1  | 9.1    | 8.3    | 7.6    | 7.0    | 6.5    | 6.1    | 5.7    | 5.3    | 5.1    | 4.5    |  |
|  | 70                  | M                  | 0.33                | 19.6   | 16.4  | 14.0  | 12.3  | 10.9  | 9.8    | 8.9    | 8.2    | 7.6    | 7.0    | 6.5    | 6.1    | 5.8    | 5.5    | 4.9    |  |
|  | 80                  | M F                | 0.35                | 21.0   | 17.5  | 15.0  | 13.1  | 11.7  | 10.5   | 9.5    | 8.8    | 8.1    | 7.5    | 7.0    | 6.6    | 6.2    | 5.8    | 5.3    |  |
|  | 90                  | M F                | 0.38                | 22.3   | 18.6  | 15.9  | 13.9  | 12.4  | 11.1   | 10.1   | 9.3    | 8.6    | 8.0    | 7.4    | 7.0    | 6.6    | 6.2    | 5.6    |  |
|  | 100                 | M F                | 0.40                | 23.5   | 19.6  | 16.8  | 14.7  | 13.0  | 11.7   | 10.7   | 9.8    | 9.0    | 8.4    | 7.8    | 7.3    | 6.9    | 6.5    | 5.9    |  |
| 120  | F                   | 0.43               | 25.7                | 21.4   | 18.4  | 16.1  | 14.3  | 12.9  | 11.7   | 10.7   | 9.9    | 9.2    | 8.6    | 8.0    | 7.6    | 7.1    | 6.4    |        |  |
|                   | 30                  | VC C               | 0.26                | 15.4   | 12.9  | 11.0  | 9.6   | 8.6   | 7.7    | 7.0    | 6.4    | 5.9    | 5.5    | 5.1    | 4.8    | 4.5    | 4.3    | 3.9    |  |
|  | 40                  | C                  | 0.30                | 17.8   | 14.9  | 12.7  | 11.1  | 9.9   | 8.9    | 8.1    | 7.4    | 6.9    | 6.4    | 5.9    | 5.6    | 5.2    | 5.0    | 4.5    |  |
|  | 50                  | C M                | 0.34                | 19.9   | 16.6  | 14.2  | 12.5  | 11.1  | 10.0   | 9.1    | 8.3    | 7.7    | 7.1    | 6.6    | 6.2    | 5.9    | 5.5    | 5.0    |  |
|  | 60                  | M                  | 0.37                | 21.8   | 18.2  | 15.6  | 13.6  | 12.1  | 10.9   | 9.9    | 9.1    | 8.4    | 7.8    | 7.3    | 6.8    | 6.4    | 6.1    | 5.5    |  |
|  | 70                  | M                  | 0.40                | 23.6   | 19.6  | 16.8  | 14.7  | 13.1  | 11.8   | 10.7   | 9.8    | 9.1    | 8.4    | 7.9    | 7.4    | 6.9    | 6.5    | 5.9    |  |
|  | 80                  | M F                | 0.42                | 25.2   | 21.0  | 18.0  | 15.8  | 14.0  | 12.6   | 11.5   | 10.5   | 9.7    | 9.0    | 8.4    | 7.9    | 7.4    | 7.0    | 6.3    |  |
|  | 90                  | M F                | 0.45                | 26.7   | 22.3  | 19.1  | 16.7  | 14.9  | 13.4   | 12.2   | 11.1   | 10.3   | 9.5    | 8.9    | 8.4    | 7.9    | 7.4    | 6.7    |  |
|  | 100                 | M F                | 0.47                | 28.2   | 23.5  | 20.1  | 17.6  | 15.7  | 14.1   | 12.8   | 11.7   | 10.8   | 10.1   | 9.4    | 8.8    | 8.3    | 7.8    | 7.0    |  |
| 120  | F                   | 0.52               | 30.9                | 25.7   | 22.0  | 19.3  | 17.1  | 15.4  | 14.0   | 12.9   | 11.9   | 11.0   | 10.3   | 9.6    | 9.1    | 8.6    | 7.7    |        |  |

|   | Liquid Pressure<br>PSI | Droplet Size<br>ASABE | Nozzle Capacity<br>GPM | GALLONS PER ACRE BASED ON 20" NOZZLE SPACING |       |       |       |       |        |        |        |        |        |        |        |        |        |        |  |  |
|---|------------------------|-----------------------|------------------------|--|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|
|   |                        |                       |                        | 5 MPH  | 6 MPH | 7 MPH | 8 MPH | 9 MPH | 10 MPH | 11 MPH | 12 MPH | 13 MPH | 14 MPH | 15 MPH | 16 MPH | 17 MPH | 18 MPH | 20 MPH |  |  |
| <br>TADF04                     | 30                     | VC C                  | 0.35                   | 20.6   | 17.1  | 14.7  | 12.9  | 11.4  | 10.3   | 9.4    | 8.6    | 7.9    | 7.3    | 6.9    | 6.4    | 6.1    | 5.7    | 5.1    |  |  |
|   | 40                     | C                     | 0.40                   | 23.8   | 19.8  | 17.0  | 14.9  | 13.2  | 11.9   | 10.8   | 9.9    | 9.1    | 8.5    | 7.9    | 7.4    | 7.0    | 6.6    | 5.9    |  |  |
|   | 50                     | C M                   | 0.45                   | 26.6   | 22.1  | 19.0  | 16.6  | 14.8  | 13.3   | 12.1   | 11.1   | 10.2   | 9.5    | 8.9    | 8.3    | 7.8    | 7.4    | 6.6    |  |  |
|   | 60                     | M                     | 0.49                   | 29.1   | 24.2  | 20.8  | 18.2  | 16.2  | 14.5   | 13.2   | 12.1   | 11.2   | 10.4   | 9.7    | 9.1    | 8.6    | 8.1    | 7.3    |  |  |
|   | 70                     | M                     | 0.53                   | 31.4   | 26.2  | 22.5  | 19.6  | 17.5  | 15.7   | 14.3   | 13.1   | 12.1   | 11.2   | 10.5   | 9.8    | 9.2    | 8.7    | 7.9    |  |  |
|   | 80                     | M F                   | 0.57                   | 33.6   | 28.0  | 24.0  | 21.0  | 18.7  | 16.8   | 15.3   | 14.0   | 12.9   | 12.0   | 11.2   | 10.5   | 9.9    | 9.3    | 8.4    |  |  |
|   | 90                     | M F                   | 0.60                   | 35.6   | 29.7  | 25.5  | 22.3  | 19.8  | 17.8   | 16.2   | 14.9   | 13.7   | 12.7   | 11.9   | 11.1   | 10.5   | 9.9    | 8.9    |  |  |
|   | 100                    | M F                   | 0.63                   | 37.6   | 31.3  | 26.8  | 23.5  | 20.9  | 18.8   | 17.1   | 15.7   | 14.4   | 13.4   | 12.5   | 11.7   | 11.0   | 10.4   | 9.4    |  |  |
|   | 120                    | M F                   | 0.69                   | 41.2   | 34.3  | 29.4  | 25.7  | 22.9  | 20.6   | 18.7   | 17.1   | 15.8   | 14.7   | 13.7   | 12.9   | 12.1   | 11.4   | 10.3   |  |  |
| <br>TADF05                     | 30                     | VC C                  | 0.43                   | 25.7   | 21.4  | 18.4  | 16.1  | 14.3  | 12.9   | 11.7   | 10.7   | 9.9    | 9.2    | 8.6    | 8.0    | 7.6    | 7.1    | 6.4    |  |  |
|   | 40                     | VC C                  | 0.50                   | 29.7   | 24.8  | 21.2  | 18.6  | 16.5  | 14.9   | 13.5   | 12.4   | 11.4   | 10.6   | 9.9    | 9.3    | 8.7    | 8.3    | 7.4    |  |  |
|   | 50                     | C M                   | 0.56                   | 33.2   | 27.7  | 23.7  | 20.8  | 18.4  | 16.6   | 15.1   | 13.8   | 12.8   | 11.9   | 11.1   | 10.4   | 9.8    | 9.2    | 8.3    |  |  |
|   | 60                     | C M                   | 0.61                   | 36.4   | 30.3  | 26.0  | 22.7  | 20.2  | 18.2   | 16.5   | 15.2   | 14.0   | 13.0   | 12.1   | 11.4   | 10.7   | 10.1   | 9.1    |  |  |
|   | 70                     | M                     | 0.66                   | 39.3   | 32.7  | 28.1  | 24.6  | 21.8  | 19.6   | 17.9   | 16.4   | 15.1   | 14.0   | 13.1   | 12.3   | 11.6   | 10.9   | 9.8    |  |  |
|   | 80                     | M                     | 0.71                   | 42.0   | 35.0  | 30.0  | 26.3  | 23.3  | 21.0   | 19.1   | 17.5   | 16.2   | 15.0   | 14.0   | 13.1   | 12.4   | 11.7   | 10.5   |  |  |
|   | 90                     | M F                   | 0.75                   | 44.6   | 37.1  | 31.8  | 27.8  | 24.8  | 22.3   | 20.3   | 18.6   | 17.1   | 15.9   | 14.9   | 13.9   | 13.1   | 12.4   | 11.1   |  |  |
|   | 100                    | M F                   | 0.79                   | 47.0   | 39.1  | 33.5  | 29.3  | 26.1  | 23.5   | 21.3   | 19.6   | 18.1   | 16.8   | 15.7   | 14.7   | 13.8   | 13.0   | 11.7   |  |  |
|   | 120                    | M F                   | 0.87                   | 51.4   | 42.9  | 36.7  | 32.2  | 28.6  | 25.7   | 23.4   | 21.4   | 19.8   | 18.4   | 17.1   | 16.1   | 15.1   | 14.3   | 12.9   |  |  |
| <br>TADF06                     | 30                     | VC                    | 0.52                   | 30.9   | 25.7  | 22.0  | 19.3  | 17.1  | 15.4   | 14.0   | 12.9   | 11.9   | 11.0   | 10.3   | 9.6    | 9.1    | 8.6    | 7.7    |  |  |
|   | 40                     | VC                    | 0.60                   | 35.6   | 29.7  | 25.5  | 22.3  | 19.8  | 17.8   | 16.2   | 14.9   | 13.7   | 12.7   | 11.9   | 11.1   | 10.5   | 9.9    | 8.9    |  |  |
|   | 50                     | C                     | 0.67                   | 39.8   | 33.2  | 28.5  | 24.9  | 22.1  | 19.9   | 18.1   | 16.6   | 15.3   | 14.2   | 13.3   | 12.5   | 11.7   | 11.1   | 10.0   |  |  |
|   | 60                     | C                     | 0.73                   | 43.6   | 36.4  | 31.2  | 27.3  | 24.2  | 21.8   | 19.8   | 18.2   | 16.8   | 15.6   | 14.5   | 13.6   | 12.8   | 12.1   | 10.9   |  |  |
|   | 70                     | M                     | 0.79                   | 47.1   | 39.3  | 33.7  | 29.5  | 26.2  | 23.6   | 21.4   | 19.6   | 18.1   | 16.8   | 15.7   | 14.7   | 13.9   | 13.1   | 11.8   |  |  |
|   | 80                     | M                     | 0.85                   | 50.4   | 42.0  | 36.0  | 31.5  | 28.0  | 25.2   | 22.9   | 21.0   | 19.4   | 18.0   | 16.8   | 15.8   | 14.8   | 14.0   | 12.6   |  |  |
|   | 90                     | M                     | 0.90                   | 53.5   | 44.6  | 38.2  | 33.4  | 29.7  | 26.7   | 24.3   | 22.3   | 20.6   | 19.1   | 17.8   | 16.7   | 15.7   | 14.9   | 13.4   |  |  |
|   | 100                    | M                     | 0.95                   | 56.4   | 47.0  | 40.3  | 35.2  | 31.3  | 28.2   | 25.6   | 23.5   | 21.7   | 20.1   | 18.8   | 17.6   | 16.6   | 15.7   | 14.1   |  |  |
|   | 120                    | M                     | 1.04                   | 61.7   | 51.4  | 44.1  | 38.6  | 34.3  | 30.9   | 28.1   | 25.7   | 23.7   | 22.0   | 20.6   | 19.3   | 18.2   | 17.1   | 15.4   |  |  |
| <br>TADF08                    | 30                     | VC                    | 0.69                   | 41.2   | 34.3  | 29.4  | 25.7  | 22.9  | 20.6   | 18.7   | 17.1   | 15.8   | 14.7   | 13.7   | 12.9   | 12.1   | 11.4   | 10.3   |  |  |
|   | 40                     | VC                    | 0.80                   | 47.5   | 39.6  | 33.9  | 29.7  | 26.4  | 23.8   | 21.6   | 19.8   | 18.3   | 17.0   | 15.8   | 14.9   | 14.0   | 13.2   | 11.9   |  |  |
|   | 50                     | C                     | 0.89                   | 53.1   | 44.3  | 37.9  | 33.2  | 29.5  | 26.6   | 24.1   | 22.1   | 20.4   | 19.0   | 17.7   | 16.6   | 15.6   | 14.8   | 13.3   |  |  |
|   | 60                     | C                     | 0.98                   | 58.2   | 48.5  | 41.6  | 36.4  | 32.3  | 29.1   | 26.5   | 24.2   | 22.4   | 20.8   | 19.4   | 18.2   | 17.1   | 16.2   | 14.5   |  |  |
|   | 70                     | M                     | 1.06                   | 62.9   | 52.4  | 44.9  | 39.3  | 34.9  | 31.4   | 28.6   | 26.2   | 24.2   | 22.5   | 21.0   | 19.6   | 18.5   | 17.5   | 15.7   |  |  |
|   | 80                     | M                     | 1.13                   | 67.2   | 56.0  | 48.0  | 42.0  | 37.3  | 33.6   | 30.5   | 28.0   | 25.8   | 24.0   | 22.4   | 21.0   | 19.8   | 18.7   | 16.8   |  |  |
|   | 90                     | M                     | 1.20                   | 71.3   | 59.4  | 50.9  | 44.6  | 39.6  | 35.6   | 32.4   | 29.7   | 27.4   | 25.5   | 23.8   | 22.3   | 21.0   | 19.8   | 17.8   |  |  |
|   | 100                    | M                     | 1.26                   | 75.1   | 62.6  | 53.7  | 47.0  | 41.7  | 37.6   | 34.2   | 31.3   | 28.9   | 26.8   | 25.0   | 23.5   | 22.1   | 20.9   | 18.8   |  |  |
|   | 120                    | M                     | 1.39                   | 82.3   | 68.6  | 58.8  | 51.4  | 45.7  | 41.2   | 37.4   | 34.3   | 31.7   | 29.4   | 27.4   | 25.7   | 24.2   | 22.9   | 20.6   |  |  |
| <br>TADF10                   | 30                     | XC                    | 0.87                   | 51.4   | 42.9  | 36.7  | 32.2  | 28.6  | 25.7   | 23.4   | 21.4   | 19.8   | 18.4   | 17.1   | 16.1   | 15.1   | 14.3   | 12.9   |  |  |
|   | 40                     | XC                    | 1.00                   | 59.4   | 49.5  | 42.4  | 37.1  | 33.0  | 29.7   | 27.0   | 24.8   | 22.8   | 21.2   | 19.8   | 18.6   | 17.5   | 16.5   | 14.9   |  |  |
|   | 50                     | VC                    | 1.12                   | 66.4   | 55.3  | 47.4  | 41.5  | 36.9  | 33.2   | 30.2   | 27.7   | 25.5   | 23.7   | 22.1   | 20.8   | 19.5   | 18.4   | 16.6   |  |  |
|   | 60                     | VC                    | 1.22                   | 72.7   | 60.6  | 52.0  | 45.5  | 40.4  | 36.4   | 33.1   | 30.3   | 28.0   | 26.0   | 24.2   | 22.7   | 21.4   | 20.2   | 18.2   |  |  |
|   | 70                     | VC                    | 1.32                   | 78.6   | 65.5  | 56.1  | 49.1  | 43.7  | 39.3   | 35.7   | 32.7   | 30.2   | 28.1   | 26.2   | 24.6   | 23.1   | 21.8   | 19.6   |  |  |
|   | 80                     | C                     | 1.41                   | 84.0   | 70.0  | 60.0  | 52.5  | 46.7  | 42.0   | 38.2   | 35.0   | 32.3   | 30.0   | 28.0   | 26.3   | 24.7   | 23.3   | 21.0   |  |  |
|   | 90                     | C                     | 1.50                   | 89.1   | 74.3  | 63.6  | 55.7  | 49.5  | 44.6   | 40.5   | 37.1   | 34.3   | 31.8   | 29.7   | 27.8   | 26.2   | 24.8   | 22.3   |  |  |
|   | 100                    | M                     | 1.58                   | 93.9   | 78.3  | 67.1  | 58.7  | 52.2  | 47.0   | 42.7   | 39.1   | 36.1   | 33.5   | 31.3   | 29.3   | 27.6   | 26.1   | 23.5   |  |  |
|   | 120                    | M                     | 1.73                   | 102.9  | 85.7  | 73.5  | 64.3  | 57.2  | 51.4   | 46.8   | 42.9   | 39.6   | 36.7   | 34.3   | 32.2   | 30.3   | 28.6   | 25.7   |  |  |
| <br>TADF15<br>(uses 24 mesh) | 30                     |                       | 1.30                   | 77.2   | 64.3  | 55.1  | 48.2  | 42.9  | 38.6   | 35.1   | 32.2   | 29.7   | 27.6   | 25.7   | 24.1   | 22.7   | 21.4   | 19.3   |  |  |
|   | 40                     |                       | 1.50                   | 89.1   | 74.3  | 63.6  | 55.7  | 49.5  | 44.6   | 40.5   | 37.1   | 34.3   | 31.8   | 29.7   | 27.8   | 26.2   | 24.8   | 22.3   |  |  |
|   | 50                     |                       | 1.68                   | 99.6   | 83.0  | 71.2  | 62.3  | 55.3  | 49.8   | 45.3   | 41.5   | 38.3   | 35.6   | 33.2   | 31.1   | 29.3   | 27.7   | 24.9   |  |  |
|   | 60                     |                       | 1.84                   | 109.1  | 90.9  | 77.9  | 68.2  | 60.6  | 54.6   | 49.6   | 45.5   | 42.0   | 39.0   | 36.4   | 34.1   | 32.1   | 30.3   | 27.3   |  |  |
|   | 70                     |                       | 1.98                   | 117.9  | 98.2  | 84.2  | 73.7  | 65.5  | 58.9   | 53.6   | 49.1   | 45.3   | 42.1   | 39.3   | 36.8   | 34.7   | 32.7   | 29.5   |  |  |
|   | 80                     |                       | 2.12                   | 126.0  | 105.0 | 90.0  | 78.8  | 70.0  | 63.0   | 57.3   | 52.5   | 48.5   | 45.0   | 42.0   | 39.4   | 37.1   | 35.0   | 31.5   |  |  |
|   | 90                     |                       | 2.25                   | 133.7  | 111.4 | 95.5  | 83.5  | 74.3  | 66.8   | 60.8   | 55.7   | 51.4   | 47.7   | 44.6   | 41.8   | 39.3   | 37.1   | 33.4   |  |  |
|   | 100                    |                       | 2.37                   | 140.9  | 117.4 | 100.6 | 88.0  | 78.3  | 70.4   | 64.0   | 58.7   | 54.2   | 50.3   | 47.0   | 44.0   | 41.4   | 39.1   | 35.2   |  |  |
|   | 120                    |                       | 2.60                   | 154.3  | 128.6 | 110.2 | 96.5  | 85.7  | 77.2   | 70.1   | 64.3   | 59.4   | 55.1   | 51.4   | 48.2   | 45.4   | 42.9   | 38.6   |  |  |