

# Performance Data



## 1202 Series

| Duct Size | Neck Area (ft <sup>2</sup> ) | Nozzle Velocity | 500  |    |    | 1000 |     |    | 1500 |    |     | 2000 |    |    | 2500 |     |    | 3000 |     |     | 3500 |    |     | 4000 |     |    |     |     |     |    |     |     |
|-----------|------------------------------|-----------------|------|----|----|------|-----|----|------|----|-----|------|----|----|------|-----|----|------|-----|-----|------|----|-----|------|-----|----|-----|-----|-----|----|-----|-----|
| 4         | 0.021                        | CFM             | 10   |    |    | 20   |     |    | 30   |    |     | 40   |    |    | 50   |     |    | 60   |     |     | 70   |    |     | 80   |     |    |     |     |     |    |     |     |
|           |                              | SP (in.,wg)     | .01  |    |    | .05  |     |    | .14  |    |     | .25  |    |    | .39  |     |    | .56  |     |     | .8   |    |     | 1.05 |     |    |     |     |     |    |     |     |
|           |                              | NC              | <20  |    |    | <20  |     |    | <20  |    |     | <20  |    |    | 21   |     |    | 24   |     |     | 28   |    |     | 32   |     |    |     |     |     |    |     |     |
|           |                              | Throw (ft.)     | 9    | 6  | 3  | -    | 18  | 10 | 5    | -  | 27  | 14   | 7  | 3  | 36   | 18  | 9  | 5    | 44  | 23  | 12   | 6  | 53  | 28   | 14  | 7  | 65  | 32  | 16  | 8  | 75  | 37  |
| 6         | 0.047                        | CFM             | 25   |    |    | 50   |     |    | 80   |    |     | 100  |    |    | 120  |     |    | 150  |     |     | 170  |    |     | 190  |     |    |     |     |     |    |     |     |
|           |                              | SP (in.,wg)     | .02  |    |    | .07  |     |    | .18  |    |     | .29  |    |    | .44  |     |    | .82  |     |     | .93  |    |     | 1.2  |     |    |     |     |     |    |     |     |
|           |                              | NC              | <20  |    |    | <20  |     |    | <20  |    |     | 20   |    |    | 21   |     |    | 27   |     |     | 30   |    |     | 33   |     |    |     |     |     |    |     |     |
|           |                              | Throw (ft.)     | 19   | 10 | 5  | -    | 30  | 16 | 8    | 4  | 50  | 25   | 13 | 8  | 65   | 31  | 17 | 9    | 80  | 37  | 20   | 10 | 100 | 45   | 23  | 12 | 110 | 55  | 28  | 14 | 125 | 50  |
| 8         | 0.085                        | CFM             | 45   |    |    | 90   |     |    | 130  |    |     | 170  |    |    | 220  |     |    | 260  |     |     | 300  |    |     | 340  |     |    |     |     |     |    |     |     |
|           |                              | SP (in.,wg)     | .016 |    |    | .06  |     |    | .17  |    |     | .27  |    |    | .38  |     |    | .64  |     |     | .92  |    |     | 1.2  |     |    |     |     |     |    |     |     |
|           |                              | NC              | <20  |    |    | <20  |     |    | <20  |    |     | 22   |    |    | 27   |     |    | 33   |     |     | 35   |    |     | 39   |     |    |     |     |     |    |     |     |
|           |                              | Throw (ft.)     | 25   | 12 | 7  | 4    | 40  | 20 | 12   | 6  | 62  | 30   | 16 | 9  | 85   | 39  | 20 | 11   | 105 | 52  | 27   | 13 | 125 | 62   | 30  | 17 | 150 | 72  | 35  | 19 | 162 | 80  |
| 10        | 0.165                        | CFM             | 85   |    |    | 170  |     |    | 250  |    |     | 330  |    |    | 420  |     |    | 500  |     |     | 580  |    |     | 660  |     |    |     |     |     |    |     |     |
|           |                              | SP (in.,wg)     | .014 |    |    | .06  |     |    | .14  |    |     | .24  |    |    | .44  |     |    | .63  |     |     | .92  |    |     | 1.2  |     |    |     |     |     |    |     |     |
|           |                              | NC              | <20  |    |    | <20  |     |    | <20  |    |     | 20   |    |    | 26   |     |    | 30   |     |     | 34   |    |     | 38   |     |    |     |     |     |    |     |     |
|           |                              | Throw (ft.)     | 30   | 15 | 8  | 5    | 55  | 30 | 14   | 7  | 90  | 42   | 22 | 10 | 112  | 55  | 29 | 14   | 148 | 72  | 36   | 17 | 162 | 84   | 42  | 21 | 190 | 100 | 48  | 24 | 225 | 112 |
| 12        | 0.23                         | CFM             | 115  |    |    | 230  |     |    | 350  |    |     | 460  |    |    | 580  |     |    | 690  |     |     | 810  |    |     | 920  |     |    |     |     |     |    |     |     |
|           |                              | SP (in.,wg)     | .012 |    |    | .055 |     |    | .12  |    |     | .22  |    |    | .43  |     |    | .6   |     |     | .92  |    |     | 1.2  |     |    |     |     |     |    |     |     |
|           |                              | NC              | <20  |    |    | <20  |     |    | <20  |    |     | 23   |    |    | 28   |     |    | 32   |     |     | 36   |    |     | 40   |     |    |     |     |     |    |     |     |
|           |                              | Throw (ft.)     | 35   | 17 | 9  | 6    | 66  | 35 | 17   | 7  | 100 | 50   | 27 | 13 | 137  | 65  | 34 | 17   | 162 | 82  | 42   | 22 | 187 | 100  | 50  | 26 | 220 | 112 | 57  | 29 | 250 | 130 |
| 16        | 0.448                        | CFM             | 225  |    |    | 450  |     |    | 680  |    |     | 900  |    |    | 1120 |     |    | 1350 |     |     | 1570 |    |     | 1800 |     |    |     |     |     |    |     |     |
|           |                              | SP (in.,wg)     | .012 |    |    | .06  |     |    | .12  |    |     | .21  |    |    | .41  |     |    | .62  |     |     | .9   |    |     | 1.2  |     |    |     |     |     |    |     |     |
|           |                              | NC              | <20  |    |    | 20   |     |    | 21   |    |     | 26   |    |    | 29   |     |    | 37   |     |     | 40   |    |     | 44   |     |    |     |     |     |    |     |     |
|           |                              | Throw (ft.)     | 47   | 25 | 12 | 7    | 90  | 47 | 24   | 12 | 138 | 66   | 36 | 18 | 175  | 95  | 47 | 23   | 225 | 112 | 55   | 28 | 250 | 137  | 65  | 35 | 275 | 160 | 80  | 42 | 350 | 175 |
| 18        | 0.573                        | CFM             | 290  |    |    | 580  |     |    | 860  |    |     | 1150 |    |    | 1440 |     |    | 1720 |     |     | 2010 |    |     | 2300 |     |    |     |     |     |    |     |     |
|           |                              | SP (in.,wg)     | .01  |    |    | .06  |     |    | .1   |    |     | .21  |    |    | .42  |     |    | .6   |     |     | .9   |    |     | 1.15 |     |    |     |     |     |    |     |     |
|           |                              | NC              | <20  |    |    | <20  |     |    | 20   |    |     | 25   |    |    | 31   |     |    | 35   |     |     | 39   |    |     | 42   |     |    |     |     |     |    |     |     |
|           |                              | Throw (ft.)     | 55   | 27 | 13 | 7    | 112 | 55 | 27   | 13 | 152 | 98   | 40 | 20 | 200  | 110 | 52 | 26   | 250 | 125 | 67   | 33 | 300 | 155  | 78  | 40 | 350 | 175 | 90  | 47 | 400 | 200 |
| 20        | 0.814                        | CFM             | 410  |    |    | 820  |     |    | 1230 |    |     | 1630 |    |    | 2040 |     |    | 2450 |     |     | 2850 |    |     | 3260 |     |    |     |     |     |    |     |     |
|           |                              | SP (in.,wg)     | .01  |    |    | .06  |     |    | .12  |    |     | .17  |    |    | .41  |     |    | .61  |     |     | .9   |    |     | 1.2  |     |    |     |     |     |    |     |     |
|           |                              | NC              | <20  |    |    | <20  |     |    | 20   |    |     | 27   |    |    | 32   |     |    | 38   |     |     | 42   |    |     | 45   |     |    |     |     |     |    |     |     |
|           |                              | Throw (ft.)     | 70   | 38 | 20 | 10   | 150 | 75 | 39   | 18 | 220 | 112  | 56 | 29 | 275  | 150 | 75 | 37   | 350 | 175 | 90   | 47 | 400 | 212  | 112 | 56 | 425 | 250 | 125 | 65 | 450 | 275 |