

**BORDERED SUPPLY CEILING DIFFUSER MODEL HT-2 X 2-BSPL14  
WITH A 14 INCH DIAMETER INLET**

| Distance From Ceiling Inches | MODEL HT-2 X 2-BSPL14             |     |     |    |    |     | Air Volume |  |
|------------------------------|-----------------------------------|-----|-----|----|----|-----|------------|--|
|                              | Inlet Static Pressure 0.010 " H2O |     |     |    |    |     | 175 CFM    |  |
|                              | Distance From Diffuser (Ft)       |     |     |    |    |     |            |  |
|                              | 0'                                | 2'  | 4'  | 6' | 8' | 10' |            |  |
| 1"                           | 270                               | 161 | 106 | 64 | 49 |     |            |  |
| 3"                           | 41                                | 106 | 88  | 58 | 47 |     |            |  |
| 6"                           | 24                                | 43  | 48  | 39 | 36 |     |            |  |
| 9"                           | 28                                | 24  | 22  | 22 | 25 |     |            |  |
| 12"                          | 22                                | 13  | 13  | 11 | 14 |     |            |  |
| 18"                          | 19                                | 12  | 11  | 12 | 12 |     |            |  |
| 24"                          | 12                                | 14  | 8   | 10 | 10 |     |            |  |

| Distance From Ceiling Inches | MODEL HT-2 X 2-BSPL14             |     |     |     |    |     | Air Volume |     |     |  |
|------------------------------|-----------------------------------|-----|-----|-----|----|-----|------------|-----|-----|--|
|                              | Inlet Static Pressure 0.030 " H2O |     |     |     |    |     | 425 CFM    |     |     |  |
|                              | Distance From Diffuser (Ft)       |     |     |     |    |     |            |     |     |  |
|                              | 0'                                | 2'  | 4'  | 6'  | 8' | 10' | 12'        | 14' | 16' |  |
| 1"                           | 552                               | 306 | 179 | 147 | 95 | 70  | 61         | 53  | 25  |  |
| 3"                           | 61                                | 228 | 147 | 148 | 97 | 84  | 70         | 57  | 35  |  |
| 6"                           | 43                                | 94  | 69  | 100 | 68 | 76  | 68         | 45  | 33  |  |
| 9"                           | 42                                | 51  | 36  | 64  | 44 | 64  | 55         | 33  | 32  |  |
| 12"                          | 35                                | 39  | 21  | 37  | 28 | 44  | 30         | 19  | 29  |  |
| 18"                          | 30                                | 32  | 15  | 23  | 29 | 24  | 19         | 18  | 25  |  |
| 24"                          | 27                                | 31  | 15  | 23  | 29 | 18  | 22         | 12  | 21  |  |

| Distance From Ceiling Inches | MODEL HT-2 X 2-BSPL14             |     |     |     |     |     | Air Volume |     |     |  |
|------------------------------|-----------------------------------|-----|-----|-----|-----|-----|------------|-----|-----|--|
|                              | Inlet Static Pressure 0.090 " H2O |     |     |     |     |     | 700 CFM    |     |     |  |
|                              | Distance From Diffuser (Ft)       |     |     |     |     |     |            |     |     |  |
|                              | 0'                                | 2'  | 4'  | 6'  | 8'  | 10' | 12'        | 14' | 16' |  |
| 1"                           | 552                               | 450 | 260 | 180 | 149 | 111 | 93         | 64  | 66  |  |
| 3"                           | 117                               | 335 | 228 | 170 | 156 | 119 | 110        | 83  | 77  |  |
| 6"                           | 80                                | 113 | 126 | 125 | 129 | 97  | 93         | 79  | 68  |  |
| 9"                           | 76                                | 57  | 68  | 78  | 104 | 77  | 82         | 67  | 54  |  |
| 12"                          | 63                                | 50  | 39  | 43  | 65  | 53  | 66         | 46  | 34  |  |
| 18"                          | 55                                | 47  | 39  | 32  | 35  | 37  | 38         | 29  | 36  |  |
| 24"                          | 53                                | 51  | 40  | 32  | 27  | 34  | 31         | 24  | 28  |  |

NOTE: All throw values are in feet per minute.