

iVector Tech Data Sheet

| Dimensions | | | | Weight, Water Content & Motor Power | | | | |
|------------|----------------------|-------------|--------------|-------------------------------------|-----------------|------------------------------------|------------------------------------|------------------------------|
| Model | Nominal Height (ins) | Depth (ins) | Length (ins) | Model | Motor Power (W) | 4 Pipe water Content Cooling (gal) | 4 Pipe water Content Heating (gal) | 4 Pipe Unpacked Weight (lbs) |
| iV60 x 80 | 23 5/8 | 6 | 31 1/2 | iV60 x 80 | 32 | 0.174 | 0.087 | 115 |
| iV60 x 100 | 23 5/8 | 6 | 39 3/8 | iV60 x 100 | 35 | 0.243 | 0.1215 | 140 |
| iV60 x 120 | 23 5/8 | 6 | 47 1/4 | iV60 x 120 | 44 | 0.314 | 0.6 | 164 |
| iV60 x 140 | 23 5/8 | 6 | 55 1/8 | iV60 x 140 | 53 | 0.383 | 0.73 | 189 |
| iV60 x 160 | 23 5/8 | 6 | 63 | iV60 x 160 | 65 | 0.454 | 0.227 | 215 |

Performance Data 4 Pipe

| Model | Fan Speed | Flow (l/h) | Heat Output (Btu/h) | | | | | | | | | | Cooling (Btu/h) | | |
|------------|-----------|------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------|-------|----------|
| | | | Mean Water -air temperature difference (Watts) | | | | | | | | | | Condition 45-54-81 | | |
| | | | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 | 190 | 200 | Flow (l/h) | Total | Sensible |
| iV60 x 80 | Normal | 300 | 2157 | 2681 | 3213 | 3752 | 4296 | 4846 | 5401 | 5961 | 6524 | 7091 | 350 | 2292 | 1708 |
| | Medium | 300 | 2854 | 3546 | 4249 | 4961 | 5681 | 6408 | 7141 | 7880 | 8625 | 9374 | 350 | 350 | 2687 |
| | Boost | 300 | 3849 | 4782 | 5728 | 6686 | 7655 | 8633 | 9619 | 10613 | 11614 | 12621 | 350 | 5342 | 3977 |
| iV60 x 100 | Normal | 350 | 2938 | 3652 | 4376 | 5109 | 5850 | 6599 | 7355 | 8116 | 8883 | 9655 | 450 | 3277 | 2441 |
| | Medium | 350 | 3867 | 4804 | 5756 | 6720 | 7694 | 8678 | 9670 | 10671 | 11678 | 12692 | 450 | 5186 | 3818 |
| | Boost | 350 | 5285 | 6564 | 7862 | 9175 | 10503 | 11843 | 13195 | 14557 | 15929 | 17309 | 450 | 7468 | 5562 |
| iV60 x 120 | Normal | 400 | 3519 | 4373 | 5240 | 6118 | 7006 | 7903 | 8807 | 9719 | 10638 | 11562 | 600 | 4927 | 3018 |
| | Medium | 400 | 4681 | 5816 | 6967 | 8133 | 9311 | 10501 | 11702 | 12911 | 14129 | 15355 | 600 | 6353 | 4674 |
| | Boost | 400 | 6666 | 8277 | 9911 | 11565 | 13237 | 14925 | 16626 | 18340 | 20066 | 21803 | 600 | 9458 | 7044 |
| iV60 x 140 | Normal | 450 | 4129 | 5131 | 6148 | 7179 | 8221 | 9273 | 10334 | 11404 | 12482 | 13567 | 700 | 4830 | 3598 |
| | Medium | 450 | 5523 | 6861 | 8218 | 9593 | 10983 | 12386 | 13801 | 15227 | 16664 | 18109 | 700 | 7520 | 5533 |
| | Boost | 450 | 8014 | 9949 | 11913 | 13901 | 15909 | 17937 | 19980 | 22040 | 24113 | 26200 | 700 | 11452 | 8528 |
| iV60 x 160 | Normal | 500 | 4753 | 5907 | 7077 | 8263 | 9462 | 10673 | 11894 | 13125 | 14365 | 15613 | 800 | 5604 | 4175 |
| | Medium | 500 | 6532 | 8118 | 9729 | 11360 | 13009 | 14674 | 16355 | 18048 | 19754 | 21471 | 800 | 8684 | 6392 |
| | Boost | 500 | 9726 | 12082 | 14473 | 16895 | 19343 | 21815 | 24308 | 26820 | 29350 | 31897 | 800 | 13442 | 10009 |

Pressure Drop

| Flow (l/h) | Pressure Drop (ins wg) | | | | | | | | | | Noise Levels | | | | | | | |
|------------|------------------------|----------|----------|----------|----------|----------------|----------|----------|----------|----------|--------------|--------------------------------|--------|-------|------------|------|------|------|
| | 4 Pipe Cooling | | | | | 4 Pipe Heating | | | | | Model | Sound Pressure (dBA) (at 2.5m) | | | | | | |
| | iV60x80 | iV60x100 | iV60x120 | iV60x140 | iV60x160 | iV60x80 | iV60x100 | iV60x120 | iV60x140 | iV60x160 | | Normal | Medium | Boost | | | | |
| 100 | 12 | 18 | 23 | 26 | 30 | 24 | 36 | 46 | 52 | 60 | iV60 x 80 | 24.8 | 37.7 | 47.9 | | | | |
| 150 | 26 | 36 | 47 | 52 | 60 | 52 | 72 | 94 | 104 | 120 | | | | | | | | |
| 220 | 44 | 60 | 78 | 85 | 98 | 88 | 120 | 156 | 170 | 196 | | | | | iV60 x 100 | 27 | 35.8 | 47.9 |
| 330 | 66 | 89 | 115 | 124 | 143 | 132 | 178 | 230 | 248 | 286 | | | | | iV60 x 120 | 24 | 40.5 | 51.7 |
| 500 | 92 | 124 | 157 | 170 | 194 | 184 | 248 | 314 | 340 | 388 | | | | | iV60 x 140 | 24.9 | 35.5 | 54.8 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|------------|----|----|------|
| 750 | 123 | 163 | 205 | 221 | 253 | n/a | n/a | n/a | n/a | n/a | | iV60 x 160 | 27 | 35 | 56.3 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|------------|----|----|------|