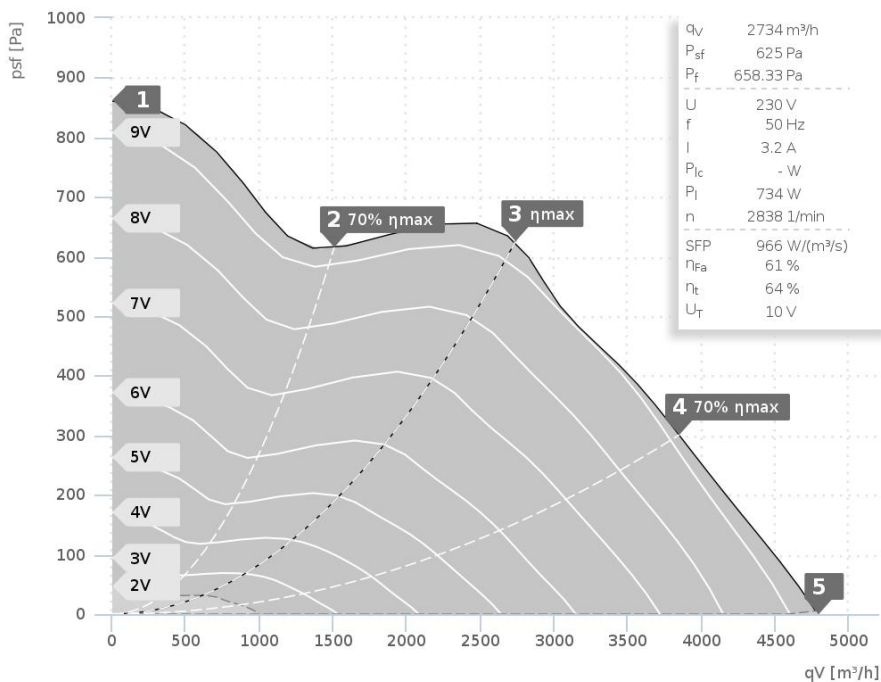


## TECHNICAL DATASHEET Q MAX EC 355 / 4800



|             |              |
|-------------|--------------|
| $q_v$       | 2734 m³/h    |
| $P_{sf}$    | 625 Pa       |
| $P_f$       | 658.33 Pa    |
| $U$         | 230 V        |
| $f$         | 50 Hz        |
| $I$         | 3.2 A        |
| $P_{lc}$    | - W          |
| $P_l$       | 734 W        |
| $n$         | 2838 1/min   |
| SFP         | 966 W/(m³/s) |
| $\eta_{Fa}$ | 61 %         |
| $\eta_t$    | 64 %         |
| $U_T$       | 10 V         |



- Diagonal impeller with stator
- EC motor
- Integrated electronic
- Variable speed control
- Sound insulated
- Galvanized sheet steel housing

| Operating Point                |       | 1    | 2    | 3    | 4    | 5    |
|--------------------------------|-------|------|------|------|------|------|
| Current $I$                    | A     | 2,8  | 2,6  | 3,2  | 3,1  | 3,1  |
| Power consumption $P_1$        | W     | 636  | 584  | 736  | 714  | 719  |
| RPM $n$                        | 1/min | 2998 | 2998 | 2840 | 2827 | 2970 |
| SPL inlet $L_{WA5}$            | dB(A) | 82   | 79   | 78   | 78   | 81   |
| SPL outlet $L_{WA6}$           | dB(A) | 82   | 80   | 80   | 80   | 82   |
| SPL casing break out $L_{WA2}$ | dB(A) | 69   | 68   | 65   | 62   | 66   |

| Sound power ( $L_W$ ) dB(A) |           | Medium Frequency Band |    |     |     |     |    |    |    |
|-----------------------------|-----------|-----------------------|----|-----|-----|-----|----|----|----|
|                             |           | $\Sigma$              | 63 | 125 | 250 | 500 | 1k | 2k | 4k |
| Inlet                       | $L_{WA5}$ | 78                    | 49 | 69  | 72  | 72  | 66 | 70 | 65 |
| Outlet                      | $L_{WA6}$ | 80                    | 55 | 68  | 75  | 74  | 67 | 69 | 61 |
| Casing                      | $L_{WA2}$ | 65                    | 52 | 57  | 57  | 58  | 56 | 52 | 50 |

| YCAN-EMIX355EC20   150288 |          |
|---------------------------|----------|
| Voltage $U_N$             | 230 V 1~ |
| Current $I_{max}$         | 3,3 A    |
| Ambient temperature $t_A$ | 40 °C    |
| Medium temperatures $t_M$ | 40 °C    |
| Speed Control             | 0-10V    |
| Motor Protection          | TEC      |
| Isolation Class           | F        |
| Weight                    | 22,0 kg  |

