

## ECODESIGN INFORMATION

According to Regulation EU No 327/2011 of the European Commission, implementing Directive 2009/125/CE of European Parliament  
Apply to fans

SODECA, S.L.U.

www.sodeca.com

### ERP: Performance at the best efficiency point (BEP)

|            |                      |
|------------|----------------------|
| <b>MC</b>  | Measurement category |
| <b>EC</b>  | Efficiency category  |
| <b>VSD</b> | Variable Speed Drive |
| <b>SR</b>  | Specific ratio       |

|                          |                                  |
|--------------------------|----------------------------------|
| <b>[m<sup>3</sup>/h]</b> | Flow rate                        |
| <b>[Pa]</b>              | Static pressure / Total pressure |
| <b>[RPM]</b>             | Speed                            |

|               |                  |
|---------------|------------------|
| <b>ηe [%]</b> | Efficiency       |
| <b>N</b>      | Efficiency grade |
| <b>[kW]</b>   | Input power      |

| Model                    | MC                     | EC     | VSD                     | SR   | ηe[%] | N    | [kW]  | [m <sup>3</sup> /h] | [Pa] | [RPM] |
|--------------------------|------------------------|--------|-------------------------|------|-------|------|-------|---------------------|------|-------|
| PF/EC-H-925-2M-0.5 IE5   | A                      | Static | VSD built-in to the fan | 1.00 | 59.8  | 74.3 | 0.412 | 1362                | 60   | 3000  |
| PF/EC-H-925-2T-0.5 IE5   | A                      | Static | VSD built-in to the fan | 1.00 | 59.8  | 74.3 | 0.412 | 1362                | 60   | 3000  |
| PF/EC-H-1028-2M-1 IE5    | A                      | Static | VSD built-in to the fan | 1.00 | 63.1  | 74.8 | 0.769 | 2061                | 79   | 3000  |
| PF/EC-H-1028-2T-1 IE5    | A                      | Static | VSD built-in to the fan | 1.00 | 63.1  | 74.8 | 0.769 | 2061                | 79   | 3000  |
| PF/EC-H-1028-4M-0.33 IE5 | ErP Exclde. Pe < 125 W |        |                         |      |       |      |       |                     |      |       |
| PF/EC-H-1028-4T-0.33 IE5 | ErP Exclde. Pe < 125 W |        |                         |      |       |      |       |                     |      |       |
| PF/EC-H-1031-2T-2 IE5    | A                      | Static | VSD built-in to the fan | 1.00 | 61.3  | 70.4 | 1.359 | 2826                | 100  | 3000  |
| PF/EC-H-1031-4M-0.33 IE5 | A                      | Static | VSD built-in to the fan | 1.00 | 63.9  | 82.4 | 0.173 | 1413                | 25   | 1500  |
| PF/EC-H-1031-4T-0.33 IE5 | A                      | Static | VSD built-in to the fan | 1.00 | 63.9  | 82.4 | 0.173 | 1413                | 25   | 1500  |
| PF/EC-H-1135-2T-4 IE5    | A                      | Static | VSD built-in to the fan | 1.00 | 66.4  | 73.1 | 2.293 | 4151                | 127  | 3000  |
| PF/EC-H-1135-4T-0.5 IE5  | A                      | Static | VSD built-in to the fan | 1.00 | 67.9  | 83.9 | 0.297 | 2076                | 32   | 1500  |
| PF/EC-H-1240-2T-5.5 IE5  | A                      | Static | VSD built-in to the fan | 1.00 | 67.0  | 71.6 | 3.682 | 5768                | 150  | 3000  |
| PF/EC-H-1240-4T-0.75 IE5 | A                      | Static | VSD built-in to the fan | 1.00 | 68.2  | 82.1 | 0.479 | 2884                | 37   | 1500  |
| PF/EC-H-1445-4T-1.5 IE5  | A                      | Static | VSD built-in to the fan | 1.00 | 67.4  | 77.9 | 1.000 | 4207                | 54   | 1500  |
| PF/EC-H-1650-4T-3 IE5    | A                      | Static | VSD built-in to the fan | 1.00 | 69.0  | 76.9 | 1.786 | 6206                | 68   | 1500  |
| PF/EC-H-1856-4T-5.5 IE5  | A                      | Static | VSD built-in to the fan | 1.00 | 69.2  | 74.1 | 3.416 | 9738                | 85   | 1420  |
| PF/EC-H-1663-4T-5.5 IE5  | A                      | Static | VSD built-in to the fan | 1.00 | 69.3  | 73.5 | 3.973 | 12488               | 77   | 1420  |
| PF/EC-H-1871-4T-10 IE5   | A                      | Static | VSD built-in to the fan | 1.00 | 63.7  | 65.0 | 9.216 | 16745               | 124  | 1500  |
| PF/EC-H-1871-6T-5.5 IE5  | A                      | Static | VSD built-in to the fan | 1.00 | 71.0  | 78.4 | 1.960 | 10584               | 45   | 1000  |
| PF/EC-V-925-2M-0.5 IE5   | A                      | Static | VSD built-in to the fan | 1.00 | 59.8  | 74.3 | 0.412 | 1362                | 60   | 3000  |
| PF/EC-V-925-2T-0.5 IE5   | A                      | Static | VSD built-in to the fan | 1.00 | 59.8  | 74.3 | 0.412 | 1362                | 60   | 3000  |
| PF/EC-V-1028-2M-1 IE5    | A                      | Static | VSD built-in to the fan | 1.00 | 63.1  | 74.8 | 0.769 | 2061                | 79   | 3000  |
| PF/EC-V-1028-2T-1 IE5    | A                      | Static | VSD built-in to the fan | 1.00 | 63.1  | 74.8 | 0.769 | 2061                | 79   | 3000  |
| PF/EC-V-1028-4M-0.33 IE5 | ErP Exclde. Pe < 125 W |        |                         |      |       |      |       |                     |      |       |
| PF/EC-V-1028-4T-0.33 IE5 | ErP Exclde. Pe < 125 W |        |                         |      |       |      |       |                     |      |       |
| PF/EC-V-1031-2T-2 IE5    | A                      | Static | VSD built-in to the fan | 1.00 | 61.3  | 70.4 | 1.359 | 2826                | 100  | 3000  |
| PF/EC-V-1031-4M-0.33 IE5 | A                      | Static | VSD built-in to the fan | 1.00 | 63.9  | 82.4 | 0.173 | 1413                | 25   | 1500  |
| PF/EC-V-1031-4T-0.33 IE5 | A                      | Static | VSD built-in to the fan | 1.00 | 63.9  | 82.4 | 0.173 | 1413                | 25   | 1500  |
| PF/EC-V-1135-2T-4 IE5    | A                      | Static | VSD built-in to the fan | 1.00 | 66.4  | 73.1 | 2.293 | 4151                | 127  | 3000  |
| PF/EC-V-1135-4T-0.5 IE5  | A                      | Static | VSD built-in to the fan | 1.00 | 67.9  | 83.9 | 0.297 | 2076                | 32   | 1500  |
| PF/EC-V-1240-2T-5.5 IE5  | A                      | Static | VSD built-in to the fan | 1.00 | 67.0  | 71.6 | 3.682 | 5768                | 150  | 3000  |
| PF/EC-V-1240-4T-0.75 IE5 | A                      | Static | VSD built-in to the fan | 1.00 | 68.2  | 82.1 | 0.479 | 2884                | 37   | 1500  |
| PF/EC-V-1445-4T-1.5 IE5  | A                      | Static | VSD built-in to the fan | 1.00 | 67.4  | 77.9 | 1.000 | 4207                | 54   | 1500  |
| PF/EC-V-1650-4T-3 IE5    | A                      | Static | VSD built-in to the fan | 1.00 | 69.0  | 76.9 | 1.786 | 6206                | 68   | 1500  |
| PF/EC-V-1856-4T-5.5 IE5  | A                      | Static | VSD built-in to the fan | 1.00 | 69.2  | 74.1 | 3.416 | 9738                | 85   | 1420  |
| PF/EC-V-1663-4T-5.5 IE5  | A                      | Static | VSD built-in to the fan | 1.00 | 69.3  | 73.5 | 3.973 | 12488               | 77   | 1420  |