

# INFORMACIÓ DE DISSENY ECOLÒGIC

En base al Reglament UE nº 327/2011 de la Comissió Europea, pel qual desenvolupa la directiva 2009/125/CE del Parlament Europeu  
Aplicable a ventiladors

SODECA, S.L.U.

www.sodeca.com

## ERP: Característiques del punt de màxima eficiència (BEP)

|     |                       |
|-----|-----------------------|
| MC  | Categoria de medició  |
| EC  | Categoria eficiència  |
| VSD | Variador de velocitat |
| SR  | Relació específica    |

|        |                                  |
|--------|----------------------------------|
| [m³/h] | Cabal                            |
| [Pa]   | Pressió estàtica / Pressió total |
| [RPM]  | Velocitat                        |

|        |                    |
|--------|--------------------|
| ηe [%] | Rendiment          |
| N      | Grau eficiència    |
| [kW]   | Potència elèctrica |

| Model                        | MC | EC      | VSD              | SR   | ηe[%] | N    | [kW]   | [m³/h] | [Pa] | [RPM] |
|------------------------------|----|---------|------------------|------|-------|------|--------|--------|------|-------|
| WALL/DUCT-A/B-40-2T-1.5 IE3  | C  | Total   | VSD no necessari | 1.00 | 62.4  | 69.3 | 0.810  | 8806   | 21   | 2830  |
| WALL/DUCT-A/B-45-2T-2 IE3    | C  | Total   | VSD no necessari | 1.00 | 56.9  | 63.0 | 1.077  | 10630  | 21   | 2875  |
| WALL/DUCT-A/B-45-2T-3 IE3    | C  | Total   | VSD no necessari | 1.00 | 64.8  | 69.5 | 1.807  | 11746  | 37   | 2910  |
| WALL/DUCT-A/B-45-4T-0.5      | C  | Estàtic | VSD no necessari | 1.00 | 35.2  | 43.7 | 0.430  | 6184   | 13   | 1370  |
| WALL/DUCT-A/B-50-4T-0.75     | C  | Total   | VSD no necessari | 1.00 | 59.1  | 66.6 | 0.661  | 9635   | 15   | 1380  |
| WALL/DUCT-A/B-56-4T-1 IE3    | C  | Total   | VSD no necessari | 1.00 | 62.5  | 69.6 | 0.746  | 12711  | 14   | 1420  |
| WALL/DUCT-A/B-56-4T-1.5 IE3  | C  | Total   | VSD no necessari | 1.00 | 66.0  | 72.5 | 0.957  | 12950  | 18   | 1455  |
| WALL/DUCT-A/B-56-4T-2 IE3    | C  | Total   | VSD no necessari | 1.00 | 52.9  | 58.0 | 1.555  | 13769  | 22   | 1440  |
| WALL/DUCT-A-63-4T-1 IE3      | C  | Total   | VSD no necessari | 1.00 | 69.9  | 77.4 | 0.642  | 12558  | 13   | 1420  |
| WALL/DUCT-A-63-4T-1.5 IE3    | C  | Total   | VSD no necessari | 1.00 | 67.6  | 73.6 | 1.134  | 14324  | 20   | 1455  |
| WALL/DUCT-A-63-4T-2 IE3      | C  | Total   | VSD no necessari | 1.00 | 67.3  | 72.6 | 1.476  | 15774  | 23   | 1440  |
| WALL/DUCT-A-63-4T-3 IE3      | C  | Total   | VSD no necessari | 1.00 | 73.0  | 77.5 | 1.976  | 20220  | 26   | 1435  |
| WALL/DUCT-A-63-4T-4 IE3      | C  | Total   | VSD no necessari | 1.00 | 66.7  | 69.7 | 3.322  | 23303  | 35   | 1440  |
| WALL/DUCT-A-63-6T-0.75       | C  | Estàtic | VSD no necessari | 1.00 | 35.4  | 43.6 | 0.495  | 12078  | 8    | 900   |
| WALL/DUCT-A-71-4T-2 IE3      | C  | Total   | VSD no necessari | 1.00 | 73.1  | 78.6 | 1.359  | 17726  | 21   | 1440  |
| WALL/DUCT-A-71-4T-3 IE3      | C  | Total   | VSD no necessari | 1.00 | 68.7  | 73.0 | 2.074  | 20783  | 25   | 1435  |
| WALL/DUCT-A-71-4T-4 IE3      | C  | Total   | VSD no necessari | 1.00 | 70.3  | 73.4 | 3.307  | 26837  | 32   | 1440  |
| WALL/DUCT-A-71-6T-1 IE3      | C  | Total   | VSD no necessari | 1.00 | 58.4  | 65.6 | 0.724  | 17262  | 9    | 940   |
| WALL/DUCT-A-71-6T-1.5 IE3    | C  | Total   | VSD no necessari | 1.00 | 70.1  | 76.2 | 1.081  | 20965  | 13   | 945   |
| WALL/DUCT-A-80-4T-3 IE3      | C  | Estàtic | VSD no necessari | 1.00 | 59.0  | 63.1 | 2.134  | 22071  | 26   | 1435  |
| WALL/DUCT-A-80-4T-4 IE3      | C  | Estàtic | VSD no necessari | 1.00 | 55.9  | 59.1 | 3.141  | 25820  | 33   | 1440  |
| WALL/DUCT-A-80-4T-5.5 IE3    | C  | Total   | VSD no necessari | 1.00 | 72.4  | 74.6 | 4.446  | 33475  | 35   | 1450  |
| WALL/DUCT-A-80-6T-1.5 IE3    | C  | Total   | VSD no necessari | 1.00 | 72.1  | 77.8 | 1.251  | 20662  | 16   | 945   |
| WALL/DUCT-A-80-6T-2 IE3      | C  | Total   | VSD no necessari | 1.00 | 68.9  | 73.8 | 1.708  | 24725  | 18   | 950   |
| WALL/DUCT-A-90-4T-5.5 IE3    | C  | Estàtic | VSD no necessari | 1.00 | 56.1  | 58.4 | 4.228  | 32624  | 35   | 1450  |
| WALL/DUCT-A-90-4T-7.5 IE3    | C  | Estàtic | VSD no necessari | 1.00 | 53.3  | 54.7 | 6.014  | 41400  | 38   | 1465  |
| WALL/DUCT-A-90-4T-10 IE3     | C  | Total   | VSD no necessari | 1.00 | 76.6  | 77.5 | 7.353  | 46278  | 45   | 1465  |
| WALL/DUCT-A-90-6T-2 IE3      | C  | Estàtic | VSD no necessari | 1.00 | 53.9  | 58.8 | 1.745  | 23964  | 19   | 950   |
| WALL/DUCT-A-90-6T-3 IE3      | C  | Total   | VSD no necessari | 1.00 | 71.3  | 75.3 | 2.307  | 31997  | 19   | 950   |
| WALL/DUCT-A-90-6T-4 IE3      | C  | Total   | VSD no necessari | 1.00 | 70.8  | 73.9 | 3.209  | 37615  | 22   | 970   |
| WALL/DUCT-A-100-4T-7.5 IE3   | C  | Estàtic | VSD no necessari | 1.00 | 51.0  | 52.4 | 5.793  | 44062  | 32   | 1465  |
| WALL/DUCT-A-100-4T-10 IE3    | C  | Total   | VSD no necessari | 1.00 | 75.2  | 76.1 | 7.361  | 52808  | 39   | 1465  |
| WALL/DUCT-A-100-4T-15 IE3    | C  | Total   | VSD no necessari | 1.00 | 75.7  | 75.7 | 10.474 | 59684  | 49   | 1470  |
| WALL/DUCT-A-100-4T-20 IE3    | C  | Total   | VSD no necessari | 1.00 | 72.9  | 72.8 | 12.705 | 64070  | 53   | 1465  |
| WALL/DUCT-A-100-6T-3 IE3     | C  | Total   | VSD no necessari | 1.00 | 69.4  | 73.4 | 2.332  | 34509  | 17   | 950   |
| WALL/DUCT-A-100-6T-4 IE3     | C  | Total   | VSD no necessari | 1.00 | 70.0  | 73.1 | 3.212  | 41225  | 20   | 970   |
| WALL/DUCT-A-100-6T-5.5 IE3   | C  | Total   | VSD no necessari | 1.00 | 75.2  | 77.7 | 4.112  | 48684  | 23   | 960   |
| WALL/DUCT-A-125-4T/6-20 IE3  | C  | Estàtic | VSD no necessari | 1.01 | 56.4  | 56.2 | 14.333 | 52757  | 56   | 1470  |
| WALL/DUCT-A-125-4T/6-25 IE3  | C  | Estàtic | VSD no necessari | 1.01 | 57.8  | 57.4 | 17.753 | 74887  | 64   | 1470  |
| WALL/DUCT-A-125-4T/6-30 IE3  | C  | Estàtic | VSD no necessari | 1.01 | 56.2  | 55.7 | 20.930 | 80568  | 70   | 1470  |
| WALL/DUCT-A-125-4T/6-40 IE3  | C  | Total   | VSD no necessari | 1.01 | 75.5  | 74.7 | 31.294 | 97831  | 89   | 1475  |
| WALL/DUCT-A-125-4T/6-50 IE3  | C  | Total   | VSD no necessari | 1.01 | 74.4  | 73.4 | 39.324 | 109379 | 98   | 1480  |
| WALL/DUCT-A-125-4T/9-25 IE3  | C  | Estàtic | VSD no necessari | 1.01 | 61.0  | 60.5 | 20.706 | 41358  | 112  | 1470  |
| WALL/DUCT-A-125-4T/9-30 IE3  | C  | Estàtic | VSD no necessari | 1.01 | 57.3  | 56.8 | 20.110 | 74683  | 70   | 1470  |
| WALL/DUCT-A-125-4T/9-40 IE3  | C  | Total   | VSD no necessari | 1.01 | 71.9  | 71.2 | 27.337 | 89896  | 80   | 1475  |
| WALL/DUCT-A-125-4T/9-50 IE3  | C  | Total   | VSD no necessari | 1.01 | 74.7  | 73.8 | 36.694 | 103373 | 97   | 1480  |
| WALL/DUCT-A-125-4T/12-30 IE3 | C  | Estàtic | VSD no necessari | 1.01 | 53.1  | 52.5 | 22.790 | 42242  | 105  | 1475  |
| WALL/DUCT-A-125-4T/12-40 IE3 | C  | Estàtic | VSD no necessari | 1.01 | 54.2  | 53.5 | 28.816 | 52009  | 110  | 1470  |
| WALL/DUCT-A-125-4T/12-50 IE3 | C  | Estàtic | VSD no necessari | 1.01 | 53.6  | 52.6 | 39.201 | 65718  | 117  | 1480  |
| WALL/DUCT-A-125-6T/6-5.5 IE3 | C  | Estàtic | VSD no necessari | 1.00 | 53.7  | 56.1 | 4.235  | 34565  | 24   | 960   |
| WALL/DUCT-A-125-6T/6-7.5 IE3 | C  | Estàtic | VSD no necessari | 1.00 | 54.1  | 55.7 | 5.340  | 49064  | 28   | 960   |
| WALL/DUCT-A-125-6T/6-10 IE3  | C  | Total   | VSD no necessari | 1.00 | 74.3  | 75.0 | 7.888  | 61361  | 35   | 960   |
| WALL/DUCT-A-125-6T/6-15 IE3  | C  | Total   | VSD no necessari | 1.00 | 71.8  | 71.8 | 11.459 | 71662  | 42   | 955   |
| WALL/DUCT-A-125-6T/6-20 IE3  | C  | Total   | VSD no necessari | 1.00 | 69.5  | 69.3 | 14.416 | 78700  | 47   | 970   |
| WALL/DUCT-A-125-6T/9-10 IE3  | C  | Total   | VSD no necessari | 1.00 | 71.0  | 72.2 | 6.503  | 54638  | 31   | 960   |
| WALL/DUCT-A-125-6T/9-15 IE3  | C  | Total   | VSD no necessari | 1.00 | 70.6  | 70.6 | 10.913 | 67727  | 42   | 955   |
| WALL/DUCT-A-125-6T/9-20 IE3  | C  | Total   | VSD no necessari | 1.00 | 71.7  | 71.5 | 15.185 | 79129  | 51   | 970   |
| WALL/DUCT-A-125-6T/9-25 IE3  | C  | Total   | VSD no necessari | 1.00 | 72.9  | 72.4 | 20.326 | 89380  | 61   | 975   |

| Model                        | MC | EC      | VSD              | SR   | ηe[%] | N    | [kW]   | [m³/h] | [Pa] | [RPM] |
|------------------------------|----|---------|------------------|------|-------|------|--------|--------|------|-------|
| WALL/DUCT-A-125-6T/12-25 IE3 | C  | Estàtic | VSD no necessari | 1.00 | 46.5  | 46.1 | 19.000 | 73697  | 58   | 975   |
| WALL/DUCT-A-125-6T/12-30 IE3 | C  | Total   | VSD no necessari | 1.01 | 63.7  | 63.1 | 22.786 | 84132  | 63   | 975   |
| WALL/DUCT-A-125-6T/12-40 IE3 | C  | Total   | VSD no necessari | 1.01 | 61.5  | 60.7 | 31.547 | 96293  | 74   | 980   |
| WALL/DUCT-B-63-4T-1 IE3      | C  | Total   | VSD no necessari | 1.00 | 69.9  | 77.4 | 0.642  | 12558  | 13   | 1420  |
| WALL/DUCT-B-63-4T-1.5 IE3    | C  | Total   | VSD no necessari | 1.00 | 67.6  | 73.6 | 1.134  | 14324  | 20   | 1455  |
| WALL/DUCT-B-63-4T-2 IE3      | C  | Total   | VSD no necessari | 1.00 | 67.3  | 72.6 | 1.476  | 15774  | 23   | 1440  |
| WALL/DUCT-B-63-4T-3 IE3      | C  | Total   | VSD no necessari | 1.00 | 73.0  | 77.5 | 1.976  | 20220  | 26   | 1435  |
| WALL/DUCT-B-63-4T-4 IE3      | C  | Total   | VSD no necessari | 1.00 | 66.7  | 69.7 | 3.322  | 23303  | 35   | 1440  |
| WALL/DUCT-B-63-6T-0.75       | C  | Estàtic | VSD no necessari | 1.00 | 35.4  | 43.6 | 0.495  | 12078  | 8    | 900   |
| WALL/DUCT-B-71-4T-2 IE3      | C  | Total   | VSD no necessari | 1.00 | 73.1  | 78.6 | 1.359  | 17726  | 21   | 1440  |
| WALL/DUCT-B-71-4T-3 IE3      | C  | Total   | VSD no necessari | 1.00 | 68.7  | 73.0 | 2.074  | 20783  | 25   | 1435  |
| WALL/DUCT-B-71-4T-4 IE3      | C  | Total   | VSD no necessari | 1.00 | 70.3  | 73.4 | 3.307  | 26837  | 32   | 1440  |
| WALL/DUCT-B-71-6T-1 IE3      | C  | Total   | VSD no necessari | 1.00 | 58.4  | 65.6 | 0.724  | 17262  | 9    | 940   |
| WALL/DUCT-B-71-6T-1.5 IE3    | C  | Total   | VSD no necessari | 1.00 | 70.1  | 76.2 | 1.081  | 20965  | 13   | 945   |
| WALL/DUCT-B-80-4T-3 IE3      | C  | Estàtic | VSD no necessari | 1.00 | 59.0  | 63.1 | 2.134  | 22071  | 26   | 1435  |
| WALL/DUCT-B-80-4T-4 IE3      | C  | Estàtic | VSD no necessari | 1.00 | 55.9  | 59.1 | 3.141  | 25820  | 33   | 1440  |
| WALL/DUCT-B-80-4T-5.5 IE3    | C  | Total   | VSD no necessari | 1.00 | 72.4  | 74.6 | 4.446  | 33475  | 35   | 1450  |
| WALL/DUCT-B-80-6T-1.5 IE3    | C  | Total   | VSD no necessari | 1.00 | 72.1  | 77.8 | 1.251  | 20662  | 16   | 945   |
| WALL/DUCT-B-80-6T-2 IE3      | C  | Total   | VSD no necessari | 1.00 | 68.9  | 73.8 | 1.708  | 24725  | 18   | 950   |
| WALL/DUCT-B-90-4T-5.5 IE3    | C  | Estàtic | VSD no necessari | 1.00 | 56.1  | 58.4 | 4.228  | 32624  | 35   | 1450  |
| WALL/DUCT-B-90-4T-7.5 IE3    | C  | Estàtic | VSD no necessari | 1.00 | 53.3  | 54.7 | 6.014  | 41400  | 38   | 1465  |
| WALL/DUCT-B-90-4T-10 IE3     | C  | Total   | VSD no necessari | 1.00 | 76.6  | 77.5 | 7.353  | 46278  | 45   | 1465  |
| WALL/DUCT-B-90-6T-2 IE3      | C  | Estàtic | VSD no necessari | 1.00 | 53.9  | 58.8 | 1.745  | 23964  | 19   | 950   |
| WALL/DUCT-B-90-6T-3 IE3      | C  | Total   | VSD no necessari | 1.00 | 71.3  | 75.3 | 2.307  | 31997  | 19   | 950   |
| WALL/DUCT-B-90-6T-4 IE3      | C  | Total   | VSD no necessari | 1.00 | 70.8  | 73.9 | 3.209  | 37615  | 22   | 970   |
| WALL/DUCT-B-100-4T-7.5 IE3   | C  | Estàtic | VSD no necessari | 1.00 | 51.0  | 52.4 | 5.793  | 44062  | 32   | 1465  |
| WALL/DUCT-B-100-4T-10 IE3    | C  | Total   | VSD no necessari | 1.00 | 75.2  | 76.1 | 7.361  | 52808  | 39   | 1465  |
| WALL/DUCT-B-100-4T-15 IE3    | C  | Total   | VSD no necessari | 1.00 | 75.7  | 75.7 | 10.474 | 59684  | 49   | 1470  |
| WALL/DUCT-B-100-4T-20 IE3    | C  | Total   | VSD no necessari | 1.00 | 72.9  | 72.8 | 12.705 | 64070  | 53   | 1465  |
| WALL/DUCT-B-100-6T-3 IE3     | C  | Total   | VSD no necessari | 1.00 | 69.4  | 73.4 | 2.332  | 34509  | 17   | 950   |
| WALL/DUCT-B-100-6T-4 IE3     | C  | Total   | VSD no necessari | 1.00 | 70.0  | 73.1 | 3.212  | 41225  | 20   | 970   |
| WALL/DUCT-B-100-6T-5.5 IE3   | C  | Total   | VSD no necessari | 1.00 | 75.2  | 77.7 | 4.112  | 48684  | 23   | 960   |
| WALL/DUCT-B-125-4T/6-20 IE3  | C  | Estàtic | VSD no necessari | 1.01 | 56.4  | 56.2 | 14.333 | 52757  | 56   | 1470  |
| WALL/DUCT-B-125-4T/6-25 IE3  | C  | Estàtic | VSD no necessari | 1.01 | 57.8  | 57.4 | 17.753 | 74887  | 64   | 1470  |
| WALL/DUCT-B-125-4T/6-30 IE3  | C  | Estàtic | VSD no necessari | 1.01 | 56.2  | 55.7 | 20.930 | 80568  | 70   | 1470  |
| WALL/DUCT-B-125-4T/6-40 IE3  | C  | Total   | VSD no necessari | 1.01 | 75.5  | 74.7 | 31.294 | 97831  | 89   | 1475  |
| WALL/DUCT-B-125-4T/6-50 IE3  | C  | Total   | VSD no necessari | 1.01 | 74.4  | 73.4 | 39.324 | 109379 | 98   | 1480  |
| WALL/DUCT-B-125-4T/9-25 IE3  | C  | Estàtic | VSD no necessari | 1.01 | 61.0  | 60.5 | 20.706 | 41358  | 112  | 1470  |
| WALL/DUCT-B-125-4T/9-30 IE3  | C  | Estàtic | VSD no necessari | 1.01 | 57.3  | 56.8 | 20.110 | 74683  | 70   | 1470  |
| WALL/DUCT-B-125-4T/9-40 IE3  | C  | Total   | VSD no necessari | 1.01 | 71.9  | 71.2 | 27.337 | 89896  | 80   | 1475  |
| WALL/DUCT-B-125-4T/9-50 IE3  | C  | Total   | VSD no necessari | 1.01 | 74.7  | 73.8 | 36.694 | 103373 | 97   | 1480  |
| WALL/DUCT-B-125-4T/12-30 IE3 | C  | Estàtic | VSD no necessari | 1.01 | 53.1  | 52.5 | 22.790 | 42242  | 105  | 1475  |
| WALL/DUCT-B-125-4T/12-40 IE3 | C  | Estàtic | VSD no necessari | 1.01 | 54.2  | 53.5 | 28.816 | 52009  | 110  | 1470  |
| WALL/DUCT-B-125-4T/12-50 IE3 | C  | Estàtic | VSD no necessari | 1.01 | 53.6  | 52.6 | 39.201 | 65718  | 117  | 1480  |
| WALL/DUCT-B-125-6T/6-5.5 IE3 | C  | Estàtic | VSD no necessari | 1.00 | 53.7  | 56.1 | 4.235  | 34565  | 24   | 960   |
| WALL/DUCT-B-125-6T/7-7.5 IE3 | C  | Estàtic | VSD no necessari | 1.00 | 54.1  | 55.7 | 5.340  | 49064  | 28   | 960   |
| WALL/DUCT-B-125-6T/6-10 IE3  | C  | Total   | VSD no necessari | 1.00 | 74.3  | 75.0 | 7.888  | 61361  | 35   | 960   |
| WALL/DUCT-B-125-6T/6-15 IE3  | C  | Total   | VSD no necessari | 1.00 | 71.8  | 71.8 | 11.459 | 71662  | 42   | 955   |
| WALL/DUCT-B-125-6T/6-20 IE3  | C  | Total   | VSD no necessari | 1.00 | 69.5  | 69.3 | 14.416 | 78700  | 47   | 970   |
| WALL/DUCT-B-125-6T/9-10 IE3  | C  | Total   | VSD no necessari | 1.00 | 71.0  | 72.2 | 6.503  | 54638  | 31   | 960   |
| WALL/DUCT-B-125-6T/9-15 IE3  | C  | Total   | VSD no necessari | 1.00 | 70.6  | 70.6 | 10.913 | 67727  | 42   | 955   |
| WALL/DUCT-B-125-6T/9-20 IE3  | C  | Total   | VSD no necessari | 1.00 | 71.7  | 71.5 | 15.185 | 79129  | 51   | 970   |
| WALL/DUCT-B-125-6T/9-25 IE3  | C  | Total   | VSD no necessari | 1.00 | 72.9  | 72.4 | 20.326 | 89380  | 61   | 975   |
| WALL/DUCT-B-125-6T/12-25 IE3 | C  | Estàtic | VSD no necessari | 1.00 | 46.5  | 46.1 | 19.000 | 73697  | 58   | 975   |
| WALL/DUCT-B-125-6T/12-30 IE3 | C  | Total   | VSD no necessari | 1.01 | 63.7  | 63.1 | 22.786 | 84132  | 63   | 975   |
| WALL/DUCT-B-125-6T/12-40 IE3 | C  | Total   | VSD no necessari | 1.01 | 61.5  | 60.7 | 31.547 | 96293  | 74   | 980   |