

50 Hz

# Soffianti con motori a 50 Hz (2900 g/min)

## Blowers with 50 Hz motors (2900 rpm)



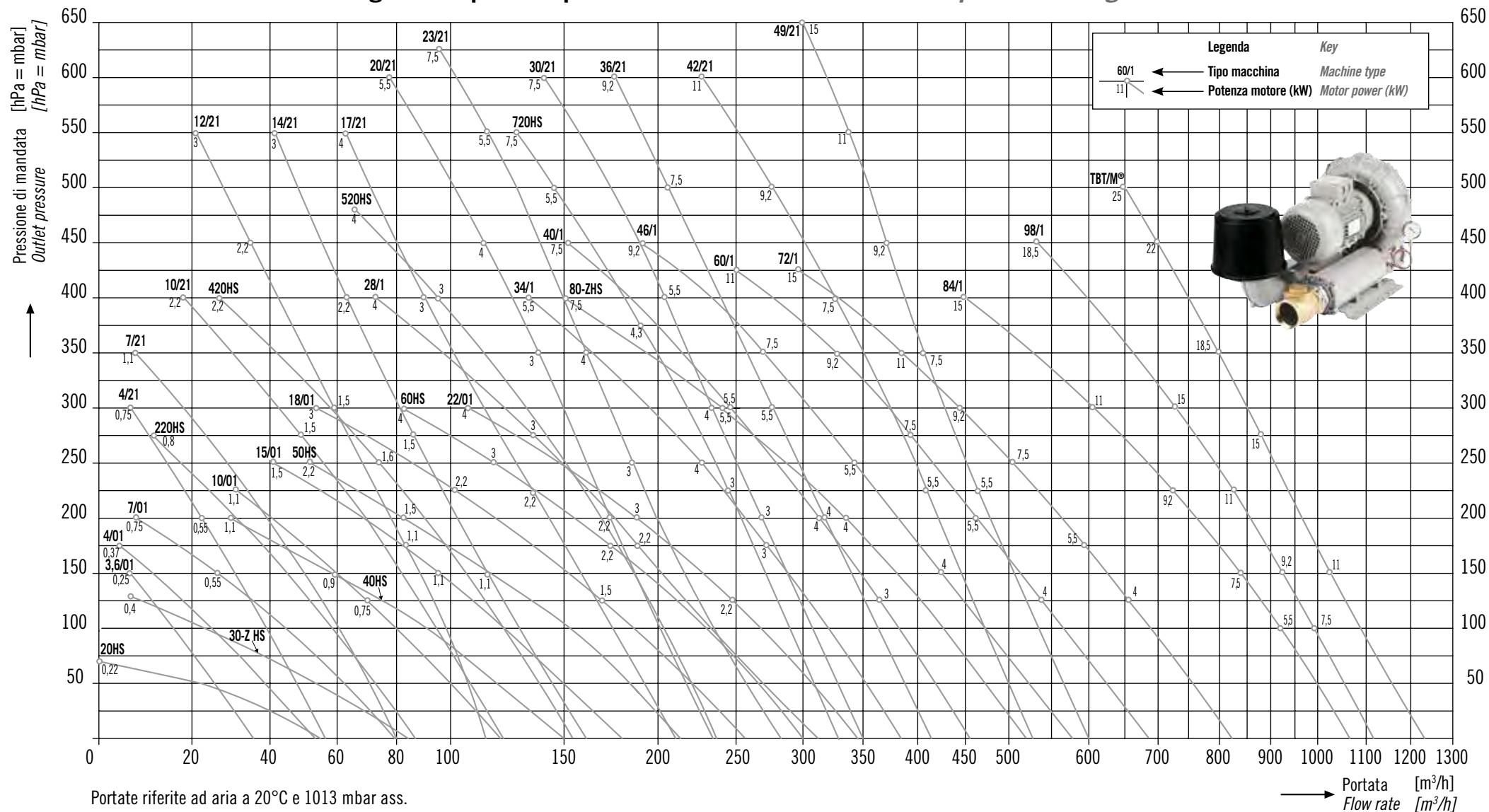
Nota / Note:

La maggior parte delle soffianti per aria è disponibile anche in esecuzione per Zone 1 e 2, 21 e 22 della Direttiva Europea 94/9/CE (ATEX).

Most of the blower models for air are also manufactured in conformity to the requirements of the European Directive 94/9/EC (ATEX) for Zones 1 and 2, 21 and 22.

Diagramma portate-pressioni

Flow rate-pressure diagram



**Soffianti - prestazioni con motori a 50 Hz (2900 g/min)**  
*Blowers - performance with 50 Hz motors (2900 rpm)*



Nota / *Note:*

La maggior parte delle soffianti per aria è disponibile anche in esecuzione per Zone 1 e 2, 21 e 22 della Direttiva Europea 94/9/CE (ATEX).

Most of the blower models for air are also manufactured in conformity to the requirements of the European Directive 94/9/EC (ATEX) for Zones 1 and 2. 21 and 22.

[illegible]

Per soffianti con pressioni e portate più elevate, vedi diagrammi a pag. 32

For blowers with higher pressures and flow rates, see pages at page 32

I valori di portata sono riferiti ad aria alle condizioni d'aspirazione di 20°C e 1013mbar ass.  
Tolleranza sui valori di portata:  $\pm 10\%$

Flow rates refer to air at the suction conditions of 20°C and 1013mbar abs.  
Tolerance on flow rate values: ±10%

- (•) CL 40 HS motore trifase: 0,9kW - motore monofase: 0,8kW
- (•) CL 420 HS motore trifase: 1,6kW - motore monofase: 1,5kW

(•) CL 40 HS three phase motor: 0,9kW - single phase motor: 0,8kW  
(•) CL 420 HS three phase motor: 1,6kW - single phase motor: 1,5kW

50 Hz

Soffianti a 50 Hz (2900 g/min)  
Blowers at 50 Hz (2900 rpm)

|                                                 |            | Salto di temperatura °C - <i>Temperature rise °C</i> |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-------------------------------------------------|------------|------------------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Pressione di mandata<br><i>Outlet pressure</i>  |            | hPa = mbar                                           | 50 | 100 | 150 | 175 | 200 | 225 | 250 | 300 | 350 | 400 | 425 | 450 | 500 | 550 | 600 | 625 | 650 |
| Tipo<br>Soffiante<br><br><i>Blower<br/>Type</i> | CL 20 HS   | 14                                                   |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 30-Z HS | 11                                                   | 27 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 3.6/01  | 9                                                    | 17 | 31  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 4/01    | 11                                                   | 23 | 41  | 53  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 7/01    | 8                                                    | 18 | 30  | 37  | 43  |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 10/01   | 10                                                   | 17 | 27  | 33  | 39  | 45  |     |     |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 40 HS   | 9                                                    | 17 | 29  | 38  | 54  |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 15/01   | 10                                                   | 17 | 26  | 31  | 37  | 42  | 48  |     |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 50 HS   | 11                                                   | 20 | 32  | 40  | 48  | 58  | 69  |     |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 18/01   | 8                                                    | 14 | 24  | 29  | 35  | 41  | 48  | 62  |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 60 HS   | 13                                                   | 21 | 30  | 35  | 42  | 51  | 62  | 89  |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 28/1    | 7                                                    | 12 | 20  | 25  | 30  | 36  | 42  | 56  | 73  | 95  |     |     |     |     |     |     |     |     |
|                                                 | CL 22/01   | 12                                                   | 21 | 31  | 36  | 41  | 46  | 51  | 62  |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 34/1    | 9                                                    | 16 | 22  | 27  | 32  | 37  | 44  | 57  | 72  | 88  |     |     |     |     |     |     |     |     |
|                                                 | CL 40/1    | 13                                                   | 19 | 26  | 30  | 34  | 38  | 43  | 54  | 65  | 80  | 88  | 99  |     |     |     |     |     |     |
|                                                 | CL 80-Z HS | 10                                                   | 17 | 25  | 29  | 35  | 40  | 46  | 59  | 77  | 99  |     |     |     |     |     |     |     |     |
|                                                 | CL 46/1    | 9                                                    | 15 | 21  | 25  | 29  | 34  | 39  | 51  | 64  | 78  | 87  | 96  |     |     |     |     |     |     |
|                                                 | CL 60/1    | 8                                                    | 15 | 23  | 27  | 32  | 37  | 42  | 53  | 68  | 85  | 95  |     |     |     |     |     |     |     |
|                                                 | CL 72/1    | 12                                                   | 17 | 25  | 29  | 34  | 39  | 45  | 58  | 73  | 90  | 100 |     |     |     |     |     |     |     |
|                                                 | CL 84/1    | 12                                                   | 18 | 24  | 28  | 32  | 37  | 42  | 53  | 66  | 82  |     |     |     |     |     |     |     |     |
|                                                 | CL 98/1    | 15                                                   | 21 | 28  | 32  | 36  | 40  | 45  | 55  | 67  | 81  | 89  | 99  |     |     |     |     |     |     |
|                                                 | TBT/M®     | 24                                                   | 31 | 35  | 39  | 42  | 46  | 54  | 62  | 72  | 77  | 82  | 96  |     |     |     |     |     |     |
|                                                 | CL 4/21    | 13                                                   | 21 | 30  | 35  | 40  | 46  | 52  | 67  |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 7/21    | 7                                                    | 13 | 20  | 25  | 29  | 33  | 38  | 46  | 55  |     |     |     |     |     |     |     |     |     |
|                                                 | CL 220 HS  | 9                                                    | 16 | 25  | 29  | 35  | 41  |     |     |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 10/21   | 11                                                   | 19 | 29  | 34  | 39  | 44  | 49  | 61  | 73  | 86  |     |     |     |     |     |     |     |     |
|                                                 | CL 12/21   | 8                                                    | 13 | 19  | 22  | 26  | 29  | 33  | 40  | 47  | 54  | 57  | 61  | 70  | 81  |     |     |     |     |
|                                                 | CL 420 HS  | 12                                                   | 18 | 24  | 30  | 33  | 38  | 43  | 55  | 69  | 88  |     |     |     |     |     |     |     |     |
|                                                 | CL 14/21   | 7                                                    | 12 | 17  | 20  | 23  | 26  | 30  | 37  | 46  | 56  | 61  | 66  | 77  | 88  |     |     |     |     |
|                                                 | CL 17/21   | 13                                                   | 17 | 22  | 25  | 28  | 31  | 35  | 42  | 51  | 60  | 65  | 70  | 81  | 94  |     |     |     |     |
|                                                 | CL 520 HS  | 14                                                   | 18 | 23  | 25  | 30  | 33  | 38  | 48  | 59  | 72  | 77  | 86  |     |     |     |     |     |     |
|                                                 | CL 20/21   | 9                                                    | 16 | 23  | 27  | 31  | 34  | 38  | 45  | 52  | 61  | 65  | 70  | 79  | 90  | 102 |     |     |     |
|                                                 | CL 23/21   | 12                                                   | 16 | 21  | 24  | 27  | 30  | 33  | 40  | 47  | 54  | 58  | 62  | 71  | 81  | 92  | 99  |     |     |
|                                                 | CL 720 HS  | 14                                                   | 20 | 27  | 32  | 35  | 37  | 41  | 47  | 55  | 64  | 69  | 74  | 86  | 99  |     |     |     |     |
|                                                 | CL 30/21   | 10                                                   | 16 | 22  | 25  | 28  | 31  | 35  | 42  | 50  | 58  | 62  | 67  | 77  | 88  | 99  |     |     |     |
|                                                 | CL 36/21   | 14                                                   | 20 | 27  | 30  | 33  | 36  | 40  | 47  | 54  | 62  | 66  | 71  | 81  | 91  | 103 |     |     |     |
|                                                 | CL 42/21   | 12                                                   | 16 | 20  | 23  | 26  | 29  | 32  | 39  | 47  | 55  | 60  | 65  | 76  | 87  | 100 |     |     |     |
|                                                 | CL 49/21   | 14                                                   | 19 | 25  | 28  | 32  | 35  | 39  | 46  | 53  | 61  | 65  | 69  | 77  | 85  | 94  | 99  | 105 |     |

Tolleranza: ± 5 °C - Tolerance: ± 5 °C

|                                                 |            | Rumorosità dB(A) ad 1m - <i>Sound level dB(A) at 1m</i> |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-------------------------------------------------|------------|---------------------------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Pressione di mandata<br><i>Outlet pressure</i>  |            | hPa = mbar                                              | 50 | 100 | 150 | 175 | 200 | 225 | 250 | 300 | 350 | 400 | 425 | 450 | 500 | 550 | 600 | 625 | 650 |
| Tipo<br>Soffiante<br><br><i>Blower<br/>Type</i> | CL 20 HS   | 68                                                      |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 30-Z HS | 69                                                      | 73 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 3.6/01  | 70                                                      | 71 | 72  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 4/01    | 72                                                      | 73 | 75  | 75  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 7/01    | 75                                                      | 76 | 77  | 77  | 77  |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 10/01   | 71                                                      | 72 | 72  | 73  | 73  | 74  |     |     |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 40 HS   | 70                                                      | 72 | 73  | 75  | 76  |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 15/01   | 73                                                      | 74 | 74  | 75  | 75  | 76  | 76  |     |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 50 HS   | 72                                                      | 74 | 76  | 76  | 76  | 76  | 77  |     |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 18/01   | 73                                                      | 74 | 74  | 75  | 75  | 76  | 76  | 77  |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 60 HS   | 77                                                      | 77 | 78  | 78  | 78  | 79  | 79  | 80  |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 28/1    | 75                                                      | 77 | 79  | 80  | 81  | 82  | 83  | 84  | 85  | 85  |     |     |     |     |     |     |     |     |
|                                                 | CL 22/01   | 75                                                      | 75 | 76  | 76  | 76  | 77  | 77  | 78  |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 34/1    | 74                                                      | 74 | 75  | 76  | 77  | 77  | 78  | 79  | 79  | 80  |     |     |     |     |     |     |     |     |
|                                                 | CL 40/1    | 77                                                      | 78 | 78  | 79  | 80  | 80  | 80  | 81  | 81  | 82  | 82  | 83  |     |     |     |     |     |     |
|                                                 | CL 80-Z HS | 76                                                      | 77 | 77  | 77  | 79  | 79  | 80  | 80  | 81  | 82  |     |     |     |     |     |     |     |     |
|                                                 | CL 46/1    | 79                                                      | 79 | 79  | 80  | 80  | 80  | 80  | 81  | 82  | 83  | 83  | 83  |     |     |     |     |     |     |
|                                                 | CL 60/1    | 79                                                      | 79 | 80  | 80  | 80  | 81  | 81  | 82  | 82  | 82  | 82  |     |     |     |     |     |     |     |
|                                                 | CL 72/1    | 78                                                      | 79 | 80  | 81  | 82  | 82  | 82  | 83  | 83  | 83  | 84  | 84  |     |     |     |     |     |     |
|                                                 | CL 84/1    | 80                                                      | 81 | 82  | 82  | 83  | 83  | 83  | 84  | 84  | 85  |     |     |     |     |     |     |     |     |
|                                                 | CL 98/1    | 79                                                      | 79 | 80  | 81  | 81  | 82  | 82  | 82  | 83  | 84  | 85  | 85  |     |     |     |     |     |     |
|                                                 | TBT/M®     | 80                                                      | 80 | 81  | 81  | 82  | 82  | 82  | 83  | 83  | 83  | 83  | 83  | 83  |     |     |     |     |     |
|                                                 | CL 4/21    | 72                                                      | 72 | 73  | 73  | 73  | 74  | 74  | 74  |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 7/21    | 72                                                      | 73 | 73  | 73  | 73  | 74  | 74  | 74  | 75  |     |     |     |     |     |     |     |     |     |
|                                                 | CL 220 HS  | 66                                                      | 69 | 69  | 70  | 71  | 72  | 72  |     |     |     |     |     |     |     |     |     |     |     |
|                                                 | CL 10/21   | 72                                                      | 72 | 72  | 72  | 72  | 73  | 73  | 73  | 73  | 74  | 75  |     |     |     |     |     |     |     |
|                                                 | CL 12/21   | 71                                                      | 71 | 72  | 72  | 73  | 73  | 73  | 73  | 74  | 75  | 76  | 77  | 78  | 78  |     |     |     |     |
|                                                 | CL 420 HS  | 75                                                      | 75 | 75  | 75  | 75  | 75  | 76  | 77  | 78  | 78  |     |     |     |     |     |     |     |     |
|                                                 | CL 14/21   | 70                                                      | 70 | 71  | 71  | 72  | 72  | 73  | 73  | 73  | 74  | 74  | 75  | 76  | 77  |     |     |     |     |
|                                                 | CL 17/21   | 70                                                      | 70 | 71  | 71  | 71  | 72  | 72  | 72  | 73  | 74  | 75  | 75  | 76  | 78  |     |     |     |     |
|                                                 | CL 520 HS  | 74                                                      | 74 | 74  | 74  | 74  | 74  | 75  | 75  | 75  | 76  | 76  | 76  |     |     |     |     |     |     |
|                                                 | CL 20/21   | 71                                                      | 71 | 72  | 72  | 73  | 73  | 73  | 74  | 74  | 74  | 75  | 75  | 75  | 76  | 78  |     |     |     |
|                                                 | CL 23/21   | 77                                                      | 78 | 78  | 79  | 79  | 80  | 80  | 82  | 82  | 83  | 83  | 83  | 83  | 83  | 83  | 83  | 83  |     |
|                                                 | CL 720 HS  | 74                                                      | 74 | 74  | 74  | 74  | 74  | 74  | 74  | 74  | 74  | 74  | 75  | 75  | 76  |     |     |     |     |
|                                                 | CL 30/21   | 77                                                      | 77 | 77  | 78  | 78  | 79  | 79  | 79  | 80  | 80  | 80  | 81  | 81  | 82  | 82  |     |     |     |
|                                                 | CL 36/21   | 78                                                      | 79 | 79  | 79  | 79  | 79  | 79  | 79  | 80  | 80  | 80  | 80  | 81  | 81  | 81  |     |     |     |
|                                                 | CL 42/21   | 80                                                      | 80 | 80  | 81  | 81  | 81  | 82  | 83  | 83  | 83  | 84  | 84  | 84  | 85  | 85  |     |     |     |
|                                                 | CL 49/21   | 78                                                      | 78 | 79  | 79  | 79  | 80  | 80  | 81  | 81  | 82  | 82  | 83  | 84  | 85  | 86  | 86  | 86  | 87  |

Tolleranza: ± 2 dB(A) - Tolerance: ± 2 dB(A)