

CENTRALI DI TRATTAMENTO ARIA
AIR HANDLING UNITS



- Disponibili in **18** grandezze da **1500 a 80000m³/h**.
- Struttura in profili di lega di **alluminio** ed angolari in **nylon**.
- Pannelli "**sandwich**" in lamiera **zincata** di spessore 27 o 48mm iniettati con **poliuretano ad alta densità** (40kg/m³).
- La lamiera è **zincata a caldo** con copertura di 150gr/m².
- **Possibilità di telaio a taglio termico**, isolamento con lana minerale (80kg/m³), pannellature in alluminio e INOX.
- Microinterruttore di serie montato su sezioni ventilanti.
- Filtri piani, a tasche, assoluti, rotativi, a carboni attivi.
- Batterie ad acqua, espansione diretta o elettriche.
- Separatori di gocce zincati, in alluminio, PVC e INOX.
- Umidificazioni ad acqua, vapore e aria compressa.
- Recuperatori di **calore a piastre e rotativi**.



- Available in **18** sizes from **1500 to 80000 m³/h**.
- Framework made of **aluminium** profile and **nylon** corners.
- "**Sandwich**" panels made of **galvanized steel**, thickness 27 or 48mm injected with **polyurethane** (density 40Kg/m³).
- The panels are **hot galvanized** and protected by 150gr/m² zinc layer.
- **Possibility of thermal cutting**, mineral wool insulation (80 kg/m³), aluminium and STAINLESS steel panels.
- Safety micro switches are mounted on the fan sections.
- Plane, bag, absolute, rotative and active carbon filters.
- Galvanized steel, aluminium, PVC and INOX drop eliminators.
- Water, steam and compressed air humidification systems.
- Cross-flow and **rotative heat recovery**.



| Velocità frontale Velocity | | 2 | | 2,5 | | 3 | | 3,5 | |
|-------------------------------|------|-------|--------|-------|--------|--------|--------|--------|--------|
| 0304 | m³/h | 1068 | 0,297 | 1335 | 0,371 | 1602 | 0,445 | 1869 | 0,519 |
| 0404 | m³/h | 1602 | 0,445 | 2002 | 0,556 | 2403 | 0,667 | 2803 | 0,779 |
| 0405 | m³/h | 2197 | 0,610 | 2746 | 0,763 | 3295 | 0,915 | 3844 | 1,068 |
| 0406 | m³/h | 2597 | 0,721 | 3246 | 0,902 | 3896 | 1,082 | 4545 | 1,263 |
| 0505 | m³/h | 2929 | 0,814 | 3661 | 1,017 | 4393 | 1,220 | 5126 | 1,424 |
| 0407 | m³/h | 3192 | 0,887 | 3990 | 1,108 | 4788 | 1,330 | 5586 | 1,552 |
| 0506 | m³/h | 3463 | 0,962 | 4329 | 1,202 | 5194 | 1,443 | 6060 | 1,683 |
| 0408 | m³/h | 3787 | 1,052 | 4734 | 1,315 | 5680 | 1,578 | 6627 | 1,841 |
| 0507 | m³/h | 4256 | 1,182 | 3520 | 1,478 | 6384 | 1,773 | 7448 | 2,069 |
| 0409 | m³/h | 4382 | 1,217 | 5477 | 1,521 | 6573 | 1,826 | 7668 | 2,130 |
| 0410 | m³/h | 4977 | 1,382 | 6221 | 1,728 | 7465 | 2,074 | 8709 | 2,419 |
| 0508 | m³/h | 5049 | 1,403 | 6312 | 1,753 | 7574 | 2,104 | 8836 | 2,454 |
| 0411 | m³/h | 5572 | 1,548 | 6964 | 1,935 | 8357 | 2,321 | 9750 | 2,708 |
| 0509 | m³/h | 5842 | 1,623 | 7303 | 2,029 | 8764 | 2,434 | 10224 | 2,840 |
| 0608 | m³/h | 5891 | 1,636 | 7363 | 2,045 | 8836 | 2,454 | 10309 | 2,864 |
| 0412 | m³/h | 6166 | 1,713 | 7708 | 2,141 | 9250 | 2,569 | 10791 | 2,998 |
| 0510 | m³/h | 6636 | 1,843 | 8294 | 2,304 | 9953 | 2,765 | 11612 | 3,226 |
| 0413 | m³/h | 6761 | 1,878 | 8452 | 2,348 | 10142 | 2,817 | 11832 | 3,287 |
| 0708 | m³/h | 7153 | 1,978 | 8941 | 2,484 | 10730 | 2,980 | 12518 | 3,447 |
| 0511 | m³/h | 7429 | 2,064 | 9286 | 2,579 | 11143 | 3,095 | 13000 | 3,611 |
| 0512 | m³/h | 8222 | 2,284 | 10277 | 2,855 | 12333 | 3,426 | 14388 | 3,997 |
| 0808 | m³/h | 8640 | 2,400 | 10800 | 3,000 | 12960 | 3,600 | 15120 | 4,200 |
| 0513 | m³/h | 9015 | 2,504 | 11269 | 3,130 | 13522 | 3,756 | 15776 | 4,382 |
| 0612 | m³/h | 9592 | 2,664 | 11990 | 3,331 | 14388 | 3,997 | 16786 | 4,663 |
| 0809 | m³/h | 10022 | 2,784 | 12528 | 3,480 | 15,034 | 4,176 | 17539 | 4,872 |
| 0613 | m³/h | 10517 | 2,922 | 13147 | 3,652 | 15776 | 4,382 | 18406 | 5,113 |
| 0810 | m³/h | 11405 | 3,168 | 14256 | 3,960 | 17107 | 4,752 | 19958 | 5,544 |
| 0712 | m³/h | 11648 | 3,235 | 14559 | 4,044 | 17471 | 4,853 | 20383 | 5,662 |
| 0713 | m³/h | 12771 | 3,548 | 15964 | 4,434 | 19157 | 5,321 | 22350 | 6,208 |
| 0811 | m³/h | 12787 | 3,552 | 15984 | 4,440 | 19181 | 5,328 | 22378 | 6,261 |
| 0812 | m³/h | 14170 | 3,936 | 17712 | 4,920 | 21254 | 5,904 | 24797 | 6,888 |
| 0813 | m³/h | 15552 | 4,320 | 19440 | 5,400 | 23328 | 6,480 | 27216 | 7,560 |
| 1012 | m³/h | 17712 | 4,920 | 22140 | 6,150 | 26568 | 7,380 | 30996 | 8,610 |
| 1013 | m³/h | 19440 | 5,400 | 24300 | 6,750 | 29160 | 8,100 | 34020 | 9,450 |
| 1212 | m³/h | 21254 | 5,904 | 26568 | 7,380 | 31882 | 8,856 | 37195 | 10,332 |
| 1213 | m³/h | 23328 | 6,480 | 29160 | 8,100 | 34992 | 9,720 | 40824 | 11,340 |
| 1214 | m³/h | 25402 | 7,056 | 31752 | 8,820 | 38102 | 10,584 | 44453 | 12,348 |
| 1216 | m³/h | 29549 | 8,208 | 39936 | 10,260 | 44323 | 12,312 | 51710 | 14,364 |
| 1416 | m³/h | 34474 | 9,576 | 43092 | 11,970 | 51710 | 14,364 | 60329 | 16,758 |
| 1220 | m³/h | 37843 | 10,512 | 47304 | 13,140 | 56,765 | 15,768 | 66226 | 18,396 |
| 1420 | m³/h | 44150 | 12,264 | 55188 | 15,330 | 66226 | 18,396 | 77263 | 21,462 |
| 1224 | m³/h | 46150 | 12,816 | 57672 | 16,020 | 69206 | 19,224 | 80741 | 22,428 |
| 1424 | m³/h | 53827 | 14,952 | 67284 | 18,690 | 80741 | 22,428 | 94198 | 26,166 |
| 1428 | m³/h | 63504 | 17,640 | 79380 | 22,050 | 95256 | 26,460 | 111132 | 30,870 |