

CATÁLOGO  
CDAFH  
CDAFV



Imagen ilustrativa 9/9, 12/12 y 18/18





LIDERAZGO E INNOVACIÓN

A large, thick red curved line that starts from the left, curves upwards and to the right, and then curves downwards and to the left, forming a partial circle around the central text.

**CATÁLOGO  
CDAFH / CDAFV**

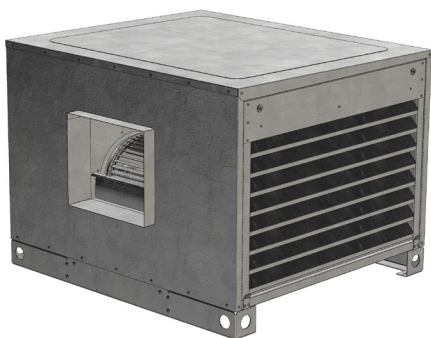
## UNIDAD DE VENTILACIÓN CON FILTRACIÓN

Nuestras innovadoras unidades de ventilación diseñadas para la inyección o extracción de aire. Disponibles en configuraciones con descarga horizontal o vertical.

Fabricadas en acero galvanizado lo que las hace ideales para instalaciones al exterior.

Perfectas para una amplia gama de aplicaciones en sistemas generales HVAC, prefiltros, cabinas de pintura, cuartos de enfermería y telecomunicaciones y filtración de equipos industriales. Donde la eficiencia mínima compuesta y el promedio por tamaño de partículas 3.0 a 10 micrones es mayor al 70 % correspondiente a un Filtro MERV 7.

Disponibles en 2 configuraciones adaptables según las necesidades del sistema:



**CDAFH:** Configuración con sección de filtros y descarga horizontal.



**CDAFV:** Configuración con sección de filtros y descarga vertical.

Esta serie cuenta con una variedad de tamaños, desde el 9/9 hasta el 36/36, y ofrece accesorios opcionales que aseguran un funcionamiento óptimo en cualquier aplicación requerida. Garantizamos equipos seguros y confiables con una vida útil prolongada y costos de mantenimiento mínimos.

## NOMENCLATURA

# CDAF - H - 2 - 1818

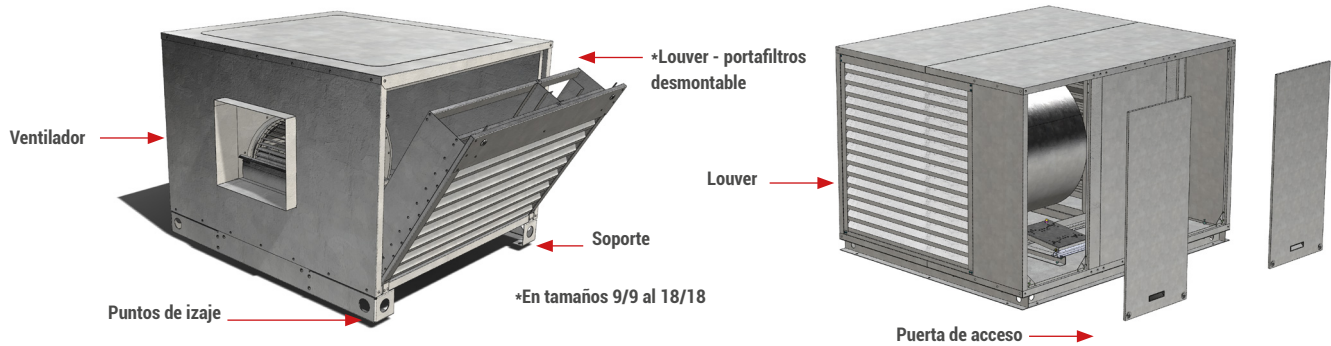
**MODELO:**  
Cajas de Ventilación  
con Filtración

**DESCARGA:**  
H= Horizontal  
V= Vertical

**ETAPAS DE FILTRACIÓN**  
1= Filtro Metálico  
2= Filtro Metálico + Plisado MERV7

**TAMAÑO:**  
9/9, 12/12, 18/18, 20/20,  
22/22, 25/25, 30/28, 36/36

## CARACTERÍSTICAS CONSTRUCTIVAS



**Gabinete** hecho con paneles de diseño reforzados fabricados con lámina de acero galvanizada de grueso calibre que aportan rigidez al conjunto.

**Soporte bastidor** con puntos de izaje y montaje para el acoplamiento de accesorios de control de ruido y vibración.

El diseño incluye **portafiltros y louver** desmontable, además de cierres de presión que facilitan el mantenimiento del motor, la transmisión y el cambio de filtros en los tamaños del 9/9 al 18/18.

Mientras que en los tamaños del 20/20 al 36/36 en lugar del portafiltros desmontable se cuenta con **puertas de acceso** para los mantenimientos y cambios de filtros.

**Nota:** En los tamaños 9/9, 12/12 y 18/18 tienen diseño con techo inclinado para evitar la acumulación y filtración de agua.

Se ha integrado un **cuello de descarga** al equipo para facilitar su conexión al sistema de conductos.

**Ventilador** centrífugo de doble oído de aspiración con rodete de álabes adelantados modelo DA con certificación AMCA.

Los **motores** utilizados cumplen con las especificaciones NEMA y están diseñados para ofrecer un alto rendimiento eficiente en cada operación.

**Filtros Metálicos** para control moderado en la limpieza del aire. usado como prefiltros.

**Filtros MERV 7** Excelentes filtros primarios con pliegues radiales hechos de media filtrante 100% sintética de fibras hidrofóbicas bondeadas térmicamente que no permiten el crecimiento microbial.



## CDAFHV 9/9

## CARACTERÍSTICAS PRINCIPALES

Área en la succión m²: 0.268

Diámetro de rodete: 197mm (7 3/4 inch)

Diámetro del eje: 19.05 mm (3/4 inch)

Área de salida: 0.07874 m² (0.8476 ft²)

BHP máximos: 1.7

Armazón máximo de motor: 145T

RPM máximas: 1500

Peso aproximado del equipo: 52 Kgs (114 Lbs)

| RPM  | PRESIÓN ESTÁTICA mmca / inwg |        |               |        |               |        |               |        |               |        |               |        |               |        |                |        |                |        |               |        |                |        |                |        |
|------|------------------------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|----------------|--------|----------------|--------|---------------|--------|----------------|--------|----------------|--------|
|      | 1.27 mm/0.05"                |        | 2.54 mm/0.10" |        | 3.81 mm/0.15" |        | 5.08 mm/0.20" |        | 6.35 mm/0.25" |        | 7.62 mm/0.30" |        | 8.89 mm/0.35" |        | 10.16 mm/0.40" |        | 11.43 mm/0.45" |        | 12.7 mm/0.50" |        | 13.97 mm/0.55" |        | 15.24 mm/0.60" |        |
|      | CFM                          | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM            | BHP    | CFM            | BHP    | CFM           | BHP    | CFM            | BHP    | CFM            | BHP    |
|      | M³/HR                        | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR          | dB (A) | M³/HR          | dB (A) | M³/HR         | dB (A) | M³/HR          | dB (A) | M³/HR          | dB (A) |
| 800  | 1557                         | 0.28   | 1485          | 0.26   | 1399          | 0.24   | 1315          | 0.23   | 1212          | 0.21   | 1053          | 0.19   | 884           | 0.16   | 657            | 0.13   | 473            | 0.11   |               |        |                |        |                |        |
|      | 2645                         | 69.8   | 2523          | 69.2   | 2378          | 68.7   | 2235          | 68.1   | 2059          | 67.5   | 1790          | 67     | 1503          | 66.7   | 1117           | 66.5   | 803            | 66.7   |               |        |                |        |                |        |
| 850  | 1656                         | 0.33   | 1591          | 0.32   | 1519          | 0.3    | 1443          | 0.28   | 1354          | 0.25   | 1240          | 0.23   | 1089          | 0.21   | 919            | 0.19   | 712            | 0.15   | 531           | 0.13   |                |        |                |        |
|      | 2814                         | 71     | 2703          | 70.7   | 2581          | 70.3   | 2453          | 69.7   | 2300          | 69.2   | 2108          | 68.6   | 1850          | 68.2   | 1561           | 68     | 1210           | 67.9   | 901           | 67.8   |                |        |                |        |
| 900  | 1760                         | 0.4    | 1703          | 0.39   | 1636          | 0.36   | 1564          | 0.34   | 1482          | 0.31   | 1395          | 0.29   | 1280          | 0.26   | 1129           | 0.23   | 970            | 0.21   | 770           | 0.18   | 597            | 0.16   |                |        |
|      | 2990                         | 72.2   | 2893          | 72     | 2779          | 71.5   | 2658          | 71.1   | 2518          | 70.6   | 2370          | 70.2   | 2174          | 70     | 1918           | 69.5   | 1648           | 69.3   | 1309          | 69.1   | 1014           | 68.8   |                |        |
| 950  | 1866                         | 0.48   | 1814          | 0.45   | 1744          | 0.43   | 1682          | 0.41   | 1606          | 0.39   | 1536          | 0.36   | 1444          | 0.33   | 1317           | 0.29   | 1180           | 0.26   | 1022          | 0.23   | 845            | 0.21   | 666            | 0.18   |
|      | 3171                         | 73.6   | 3083          | 73.2   | 2963          | 72.8   | 2858          | 72.5   | 2730          | 72     | 2610          | 71.6   | 2454          | 71.3   | 2239           | 70.9   | 2005           | 70.7   | 1736          | 70.5   | 1435           | 70.4   | 1131           | 70.3   |
| 975  | 1920                         | 0.52   | 1859          | 0.49   | 1804          | 0.47   | 1740          | 0.45   | 1671          | 0.43   | 1602          | 0.4    | 1516          | 0.37   | 1395           | 0.33   | 1275           | 0.3    | 1137          | 0.26   | 963            | 0.23   | 790            | 0.21   |
|      | 3262                         | 74.1   | 3159          | 73.7   | 3066          | 73.5   | 2957          | 73.1   | 2840          | 72.7   | 2723          | 72.4   | 2576          | 71.9   | 2370           | 71.5   | 2166           | 71.3   | 1932          | 71.1   | 1637           | 71     | 1342           | 70.9   |
| 1000 |                              |        | 1916          | 0.54   | 1858          | 0.52   | 1799          | 0.49   | 1729          | 0.47   | 1663          | 0.44   | 1587          | 0.42   | 1495           | 0.38   | 1378           | 0.34   | 1240          | 0.3    | 1092           | 0.26   | 919            | 0.23   |
|      |                              |        | 3256          | 74.5   | 3157          | 74.1   | 3058          | 73.7   | 2938          | 73.3   | 2827          | 72.9   | 2697          | 72.6   | 2540           | 72.3   | 2341           | 72     | 2108          | 71.7   | 1856           | 71.6   | 1561           | 71.4   |
| 1050 |                              |        |               |        |               |        | 1909          | 0.58   | 1849          | 0.55   | 1789          | 0.53   | 1715          | 0.5    | 1644           | 0.47   | 1549           | 0.44   | 1428          | 0.39   | 1305           | 0.35   | 1163           | 0.31   |
|      |                              |        |               |        |               |        | 3244          | 75     | 3142          | 74.7   | 3040          | 74.3   | 2914          | 73.9   | 2794           | 73.7   | 2633           | 73.3   | 2426          | 73     | 2218           | 72.9   | 1976           | 72.7   |
| 1075 |                              |        |               |        |               |        |               |        | 1911          | 0.6    | 1849          | 0.58   | 1789          | 0.55   | 1718           | 0.52   | 1626           | 0.48   | 1519          | 0.44   | 1398           | 0.4    | 1266           | 0.35   |
|      |                              |        |               |        |               |        |               |        | 3248          | 75.3   | 3142          | 75     | 3040          | 74.6   | 2920           | 74.3   | 2762           | 73.9   | 2581          | 73.7   | 2375           | 73.5   | 2151           | 73.3   |
| 1100 |                              |        |               |        |               |        |               |        |               |        | 1909          | 0.62   | 1849          | 0.6    | 1780           | 0.57   | 1701           | 0.53   | 1605          | 0.49   | 1493           | 0.45   | 1371           | 0.41   |
|      |                              |        |               |        |               |        |               |        |               |        | 3244          | 70.5   | 3142          | 75.2   | 3025           | 74.9   | 2891           | 74.7   | 2727          | 74.3   | 2537           | 74.1   | 2329           | 73.9   |
| 1150 |                              |        |               |        |               |        |               |        |               |        |               |        |               |        | 1907           | 0.67   | 1841           | 0.64   | 1768          | 0.61   | 1670           | 0.56   | 1569           | 0.51   |
|      |                              |        |               |        |               |        |               |        |               |        |               |        |               |        | 3240           | 76     | 3128           | 75.7   | 3004          | 75.5   | 2837           | 75.3   | 2666           | 75.1   |

| RPM  | PRESIÓN ESTÁTICA mmca / inwg |        |               |        |               |        |               |        |               |        |               |        |              |        |               |        |               |        |               |        |               |        |               |        |
|------|------------------------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|--------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|
|      | 16.51mm/0.65"                |        | 17.78mm/0.70" |        | 19.05mm/0.75" |        | 20.30mm/0.80" |        | 21.60mm/0.85" |        | 22.90mm/0.90" |        | 25.40mm/1.0" |        | 27.90mm/1.10" |        | 29.20mm/1.15" |        | 30.50mm/1.20" |        | 31.75mm/1.25" |        | 34.29mm/1.35" |        |
|      | CFM                          | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM          | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    |
|      | M³/HR                        | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR        | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) |
| 1050 | 1014                         | 0.26   | 822           | 0.23   | 694           | 0.21   |               |        |               |        |               |        |              |        |               |        |               |        |               |        |               |        |               |        |
|      | 1723                         | 72.5   | 1398          | 72.3   | 1179          | 72.3   |               |        |               |        |               |        |              |        |               |        |               |        |               |        |               |        |               |        |
| 1100 | 1251                         | 0.37   | 1094          | 0.31   | 929           | 0.26   | 825           | 0.24   | 658           | 0.23   |               |        |              |        |               |        |               |        |               |        |               |        |               |        |
|      | 2126                         | 73.8   | 1859          | 73.5   | 1579          | 73.3   | 1401          | 73.3   | 1118          | 73.4   |               |        |              |        |               |        |               |        |               |        |               |        |               |        |
| 1150 | 1446                         | 0.47   | 1300          | 0.41   | 1185          | 0.37   | 1028          | 0.31   | 893           | 0.28   | 765           | 0.25   |              |        |               |        |               |        |               |        |               |        |               |        |
|      | 2458                         | 75     | 2208          | 74.8   | 2013          | 74.7   | 1747          | 74.4   | 1517          | 74.3   | 1300          | 74.4   |              |        |               |        |               |        |               |        |               |        |               |        |
| 1200 | 1638                         | 0.59   | 1531          | 0.54   | 1418          | 0.5    | 1284          | 0.44   | 1152          | 0.39   | 982           | 0.33   | 734          | 0.28   |               |        |               |        |               |        |               |        |               |        |
|      | 2783                         | 76     | 2602          | 75.9   | 2409          | 75.8   | 2182          | 75.6   | 1958          | 75.4   | 1669          | 75.3   | 1248         | 75.3   |               |        |               |        |               |        |               |        |               |        |
| 1250 | 1816                         | 0.71   | 1710          | 0.66   | 1611          | 0.62   | 1508          | 0.57   | 1388          | 0.52   | 1240          | 0.45   | 978          | 0.36   | 718           | 0.3    |               |        |               |        |               |        |               |        |
|      | 3086                         | 77     | 2906          | 76.8   | 2738          | 76.7   | 2563          | 76.6   | 2358          | 76.4   | 2107          | 76.2   | 1661         | 76.1   | 1220          | 76.1   |               |        |               |        |               |        |               |        |
| 1300 |                              |        | 1898          | 0.81   | 1798          | 0.76   | 1698          | 0.7    | 1596          | 0.66   | 1484          | 0.61   | 1238         | 0.49   | 966           | 0.39   | 860           | 0.36   | 734           | 0.34   |               |        |               |        |
|      |                              |        | 3226          | 77.9   | 3055          | 77.7   | 2885          | 77.6   | 2712          | 77.4   | 2522          | 77.3   | 2103         | 77.1   | 1642          | 76.9   | 1462          | 76.9   | 1248          | 77     |               |        |               |        |
| 1350 |                              |        |               |        |               |        | 1886          | 0.86   | 1780          | 0.79   | 1680          | 0.75   | 1468         | 0.64   | 1240          | 0.52   | 1108          | 0.47   | 971           | 0.43   | 847           | 0.39   |               |        |
|      |                              |        |               |        |               |        | 3205          | 78.6   | 3025          | 78.4   | 2854          | 78.3   | 2495         | 78.1   | 2108          | 77.9   | 1883          | 77.8   | 1649          | 77.7   | 1439          | 77.7   |               |        |
| 1400 |                              |        |               |        |               |        |               |        |               |        | 1873          | 0.91   | 1690         | 0.81   | 1480          | 0.69   | 1366          | 0.63   | 1223          | 0.56   | 1097          | 0.5    | 889           | 0.45   |
|      |                              |        |               |        |               |        |               |        |               |        | 3182          | 79.3   | 2871         | 79.1   | 2514          | 78.8   | 2322          | 78.7   | 2078          | 78.6   | 1863          | 78.5   | 1510          | 78.6   |
| 1450 |                              |        |               |        |               |        |               |        |               |        |               |        | 1880         | 0.96   | 1694          | 0.85   | 1590          | 0.8    | 1466          | 0.73   | 1359          | 0.68   | 1134          | 0.57   |
|      |                              |        |               |        |               |        |               |        |               |        |               |        | 3194         | 80     | 2879          | 79.8   | 2702          | 79.7   | 2491          | 79.6   | 2309          | 79.5   | 1928          | 79.4   |
| 1500 |                              |        |               |        |               |        |               |        |               |        |               |        |              |        | 1902          | 1.04   | 1809          | 0.98   | 1712          | 0.92   | 1612          | 0.87   | 1384          | 0.73   |
|      |                              |        |               |        |               |        |               |        |               |        |               |        |              |        | 3232          | 80.7   | 3073          | 80.6   | 2909          | 80.5   | 2739          | 80.5   | 2352          | 80.3   |

Prestaciones de acuerdo con ANSI/AMCA 210-16 Figura 12 Instalación C sin ducto a la succión con ducto a la descarga.

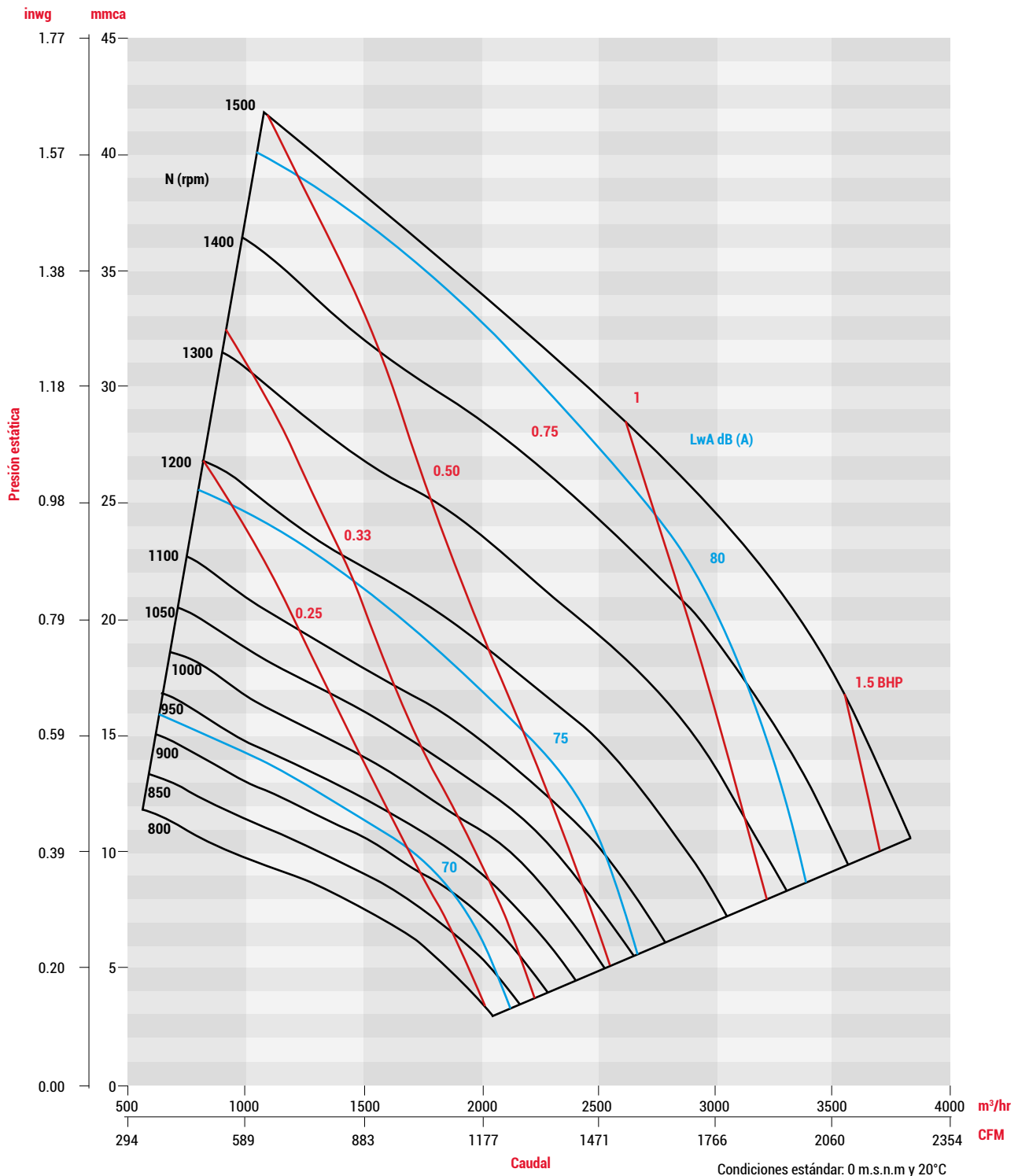
Los valores de Potencia no incluyen pérdidas por transmisión.

Los datos de caudal y presión si incluyen la pérdida de Filtros metálicos y Plisado MERV - 7.

Los datos de Sonido fueron obtenidos de acuerdo con ANSI/AMCA Standard 301-22 y ANSI/AMCA Standard 300-14 Figura 3 Instalación C sin ducto a la succión con ducto a la descarga.

Nota: Si la aplicación del equipo es para Exterior cuidar que la velocidad del aire no rebase 600ft/min ó 3 m/s para evitar arrastre de agua.

## CURVA CDAFHV 9/9



Prestaciones de acuerdo con ANSI/AMCA 210-16 Figura 12 Instalación C sin ducto a la succión con ducto a la descarga.

Los valores de Potencia no incluyen pérdidas por transmisión.

Los datos de caudal y presión si incluyen pérdidas de carga de Filtros metálicos y Plisados MERV - 7.

Si el equipo es seleccionado únicamente con Filtro metálico aplicar un factor del 1.21 al caudal.

Los datos de Sonido fueron obtenidos de acuerdo con ANSI/AMCA Standard 301-22 y ANSI/AMCA Standard 300-14 Figura 3 Instalación C sin ducto a la succión con ducto a la descarga.

Nota: Si la aplicación del equipo es para Exterior cuidar que la velocidad del aire no rebase 600ft/min ó 3 m/s para evitar arrastre de agua.



## CDAFHV 12/12

## CARACTERÍSTICAS PRINCIPALES

Área en la succión m²: 0.756

Diámetro de rodete: 332mm (13 1/16 inch)

Diámetro del eje: 25.4 mm (1 inch)

Área de salida: 0.1362 m² (1.466 ft²)

BHP máximos: 7.5

Armazón máximo de motor: 213T

RPM máximas: 1300

Peso aproximado del equipo: 92 Kgs (202 Lbs)

| RPM | PRESIÓN ESTÁTICA mmca / inwg |        |              |        |              |        |              |        |             |        |               |        |               |        |              |        |               |        |               |        |              |        |               |        |
|-----|------------------------------|--------|--------------|--------|--------------|--------|--------------|--------|-------------|--------|---------------|--------|---------------|--------|--------------|--------|---------------|--------|---------------|--------|--------------|--------|---------------|--------|
|     | 0.2"/5.08mm                  |        | 0.25"/6.35mm |        | 0.35"/8.89mm |        | 0.4"/10.16mm |        | 0.5"/12.7mm |        | 0.55"/13.97mm |        | 0.65"/16.51mm |        | 0.7"/17.78mm |        | 0.75"/19.05mm |        | 0.85"/21.59mm |        | 0.9"/22.86mm |        | 0.95"/24.13mm |        |
|     | CFM                          | BHP    | CFM          | BHP    | CFM          | BHP    | CFM          | BHP    | CFM         | BHP    | CFM           | BHP    | CFM           | BHP    | CFM          | BHP    | CFM           | BHP    | CFM           | BHP    | CFM          | BHP    | CFM           | BHP    |
|     | M³/HR                        | dB (A) | M³/HR        | dB (A) | M³/HR        | dB (A) | M³/HR        | dB (A) | M³/HR       | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR        | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR        | dB (A) | M³/HR         | dB (A) |
| 500 | 2147                         | 0.30   | 1887         | 0.25   |              |        |              |        |             |        |               |        |               |        |              |        |               |        |               |        |              |        |               |        |
|     | 3648                         | 66.9   | 3206         | 65.3   |              |        |              |        |             |        |               |        |               |        |              |        |               |        |               |        |              |        |               |        |
| 550 | 2537                         | 0.44   | 2326         | 0.38   | 1789         | 0.26   |              |        |             |        |               |        |               |        |              |        |               |        |               |        |              |        |               |        |
|     | 4310                         | 70.2   | 3951         | 68.6   | 3040         | 65.6   |              |        |             |        |               |        |               |        |              |        |               |        |               |        |              |        |               |        |
| 600 | 2887                         | 0.67   | 2716         | 0.55   | 2310         | 0.43   | 2049         | 0.36   |             |        |               |        |               |        |              |        |               |        |               |        |              |        |               |        |
|     | 4905                         | 72.8   | 4615         | 71.9   | 3924         | 69.4   | 3482         | 68     |             |        |               |        |               |        |              |        |               |        |               |        |              |        |               |        |
| 650 | 3212                         | 0.80   | 3082         | 0.75   | 2732         | 0.62   | 2537         | 0.56   | 2001        | 0.40   |               |        |               |        |              |        |               |        |               |        |              |        |               |        |
|     | 5457                         | 75.2   | 5236         | 74.6   | 4642         | 72.5   | 4310         | 71.4   | 3399        | 68.8   |               |        |               |        |              |        |               |        |               |        |              |        |               |        |
| 700 | 3513                         | 1.00   | 3415         | 1.17   | 3139         | 0.85   | 2960         | 0.77   | 2586        | 0.63   | 2350          | 0.55   |               |        |              |        |               |        |               |        |              |        |               |        |
|     | 5968                         | 76.9   | 5802         | 76.5   | 5333         | 75.3   | 5028         | 74.4   | 4393        | 72.5   | 3993          | 71.4   |               |        |              |        |               |        |               |        |              |        |               |        |
| 750 | 3838                         | 1.33   | 3741         | 1.26   | 3513         | 1.13   | 3366         | 1.02   | 3033        | 0.87   | 2863          | 0.79   | 2407          | 0.63   | 1936         | 0.45   |               |        |               |        |              |        |               |        |
|     | 6522                         | 78.7   | 6356         | 78.3   | 5968         | 77.3   | 5719         | 76.6   | 5153        | 75.3   | 4864          | 74.6   | 4090          | 72.4   | 3289         | 70.4   |               |        |               |        |              |        |               |        |
| 800 | 4147                         | 1.62   | 4050         | 1.58   | 3855         | 1.48   | 3724         | 1.41   | 3456        | 1.21   | 3301          | 1.09   | 2976          | 0.92   | 2765         | 0.83   | 2521          | 0.72   |               |        |              |        |               |        |
|     | 7047                         | 80.4   | 6881         | 80.0   | 6549         | 79.1   | 6327         | 78.6   | 5872        | 77.4   | 5609          | 76.7   | 5057          | 75.5   | 4698         | 74.8   | 4283          | 73.6   |               |        |              |        |               |        |
| 850 |                              |        | 4359         | 1.88   | 4180         | 1.78   | 4082         | 1.73   | 3855        | 1.60   | 3724          | 1.52   | 3415          | 1.31   | 3261         | 1.20   | 3090          | 1.07   | 2667          | 0.86   | 2179         | 0.65   |               |        |
|     |                              |        | 7406         | 81.5   | 7101         | 80.8   | 6935         | 80.4   | 6549        | 79.4   | 6327          | 78.9   | 5802          | 77.6   | 5540         | 77.1   | 5250          | 76.4   | 4532          | 75.0   | 3702         | 73.2   |               |        |
| 900 |                              |        |              |        |              |        |              |        | 4212        | 1.93   | 4099          | 1.85   | 3838          | 1.69   | 3700         | 1.61   | 3562          | 1.54   | 3253          | 1.33   | 3057         | 1.19   | 2830          | 1.00   |
|     |                              |        |              |        |              |        |              |        | 7157        | 81.1   | 6964          | 80.7   | 6522          | 79.7   | 6286         | 79.1   | 6051          | 78.6   | 5526          | 77.5   | 5194         | 76.9   | 4808          | 76.2   |
| 950 |                              |        |              |        |              |        |              |        |             |        |               |        | 4244          | 2.07   | 4115         | 1.96   | 3984          | 1.88   | 3724          | 1.72   | 3578         | 1.64   | 3415          | 1.56   |
|     |                              |        |              |        |              |        |              |        |             |        |               |        | 7211          | 81.4   | 6991         | 81.1   | 6769          | 80.5   | 6327          | 79.6   | 6078         | 79.1   | 5802          | 78.6   |

| RPM  | PRESIÓN ESTÁTICA mmca / inwg |        |               |        |               |        |               |        |               |        |               |        |             |        |              |        |              |        |              |        |              |        |           |        |
|------|------------------------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|-------------|--------|--------------|--------|--------------|--------|--------------|--------|--------------|--------|-----------|--------|
|      | 1"/25.4mm                    |        | 1.05"/26.67mm |        | 1.15"/29.21mm |        | 1.25"/31.75mm |        | 1.35"/34.29mm |        | 1.45"/36.83mm |        | 1.5"/38.1mm |        | 1.6"/40.64mm |        | 1.7"/43.18mm |        | 1.8"/45.72mm |        | 1.9"/48.26mm |        | 2"/50.8mm |        |
|      | CFM                          | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM         | BHP    | CFM          | BHP    | CFM          | BHP    | CFM          | BHP    | CFM          | BHP    | CFM       | BHP    |
|      | M³/HR                        | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR       | dB (A) | M³/HR        | dB (A) | M³/HR        | dB (A) | M³/HR        | dB (A) | M³/HR        | dB (A) | M³/HR     | dB (A) |
| 900  | 2505                         | 0.85   |               |        |               |        |               |        |               |        |               |        |             |        |              |        |              |        |              |        |              |        |           |        |
|      | 4256                         | 75.3   |               |        |               |        |               |        |               |        |               |        |             |        |              |        |              |        |              |        |              |        |           |        |
| 950  | 3237                         | 1.45   | 3025          | 1.28   |               |        |               |        |               |        |               |        |             |        |              |        |              |        |              |        |              |        |           |        |
|      | 5499                         | 78.0   | 5140          | 77.4   |               |        |               |        |               |        |               |        |             |        |              |        |              |        |              |        |              |        |           |        |
| 1000 | 3757                         | 1.84   | 3610          | 1.76   | 3245          | 1.56   | 2586          | 1.04   |               |        |               |        |             |        |              |        |              |        |              |        |              |        |           |        |
|      | 6383                         | 80.1   | 6134          | 79.7   | 5513          | 78.7   | 4393          | 76.8   |               |        |               |        |             |        |              |        |              |        |              |        |              |        |           |        |
| 1050 | 4204                         | 2.33   | 4082          | 2.21   | 3806          | 1.96   | 3481          | 1.77   | 2992          | 1.50   |               |        |             |        |              |        |              |        |              |        |              |        |           |        |
|      | 7143                         | 81.9   | 6935          | 81.5   | 6466          | 80.8   | 5914          | 79.9   | 5084          | 78.6   |               |        |             |        |              |        |              |        |              |        |              |        |           |        |
| 1100 |                              |        |               |        | 4277          | 2.57   | 4025          | 2.32   | 3724          | 2.00   | 3317          | 1.77   | 2992        | 1.59   |              |        |              |        |              |        |              |        |           |        |
|      |                              |        |               |        | 7267          | 82.5   | 6839          | 81.8   | 6327          | 81.0   | 5636          | 80.1   | 5084        | 79.3   |              |        |              |        |              |        |              |        |           |        |
| 1135 |                              |        |               |        |               |        | 4350          | 2.76   | 4099          | 2.52   | 3798          | 2.18   | 3618        | 2.00   | 3049         | 1.67   |              |        |              |        |              |        |           |        |
|      |                              |        |               |        |               |        | 7391          | 83.0   | 6964          | 82.4   | 6452          | 81.6   | 6148        | 81.2   | 5181         | 79.9   |              |        |              |        |              |        |           |        |
| 1170 |                              |        |               |        |               |        |               |        |               |        | 4188          | 2.72   | 4050        | 2.57   | 3692         | 2.21   | 3155         | 1.80   |              |        |              |        |           |        |
|      |                              |        |               |        |               |        |               |        |               |        | 7115          | 82.9   | 6881        | 82.6   | 6273         | 81.8   | 5360         | 80.6   |              |        |              |        |           |        |
| 1200 |                              |        |               |        |               |        |               |        |               |        |               |        | 4359        | 2.98   | 4082         | 2.70   | 3724         | 2.33   | 3090         | 1.80   |              |        |           |        |
|      |                              |        |               |        |               |        |               |        |               |        |               |        | 7406        | 83.7   | 6935         | 83.0   | 6327         | 82.2   | 5250         | 80.8   |              |        |           |        |
| 1235 |                              |        |               |        |               |        |               |        |               |        |               |        |             |        |              |        | 4196         | 2.93   | 3838         | 2.57   | 3253         | 1.97   |           |        |
|      |                              |        |               |        |               |        |               |        |               |        |               |        |             |        |              |        | 7128         | 83.6   | 6522         | 82.8   | 5526         | 81.6   |           |        |
| 1270 |                              |        |               |        |               |        |               |        |               |        |               |        |             |        |              |        |              |        | 4293         | 3.18   | 3968         | 2.79   | 3464      | 2.27   |
|      |                              |        |               |        |               |        |               |        |               |        |               |        |             |        |              |        |              |        | 7294         | 84.2   | 6742         | 83.5   | 5885      | 82.4   |

Prestaciones de acuerdo con ANSI/AMCA 210-16 Figura 12 Instalación C sin ducto a la succión con ducto a la descarga.

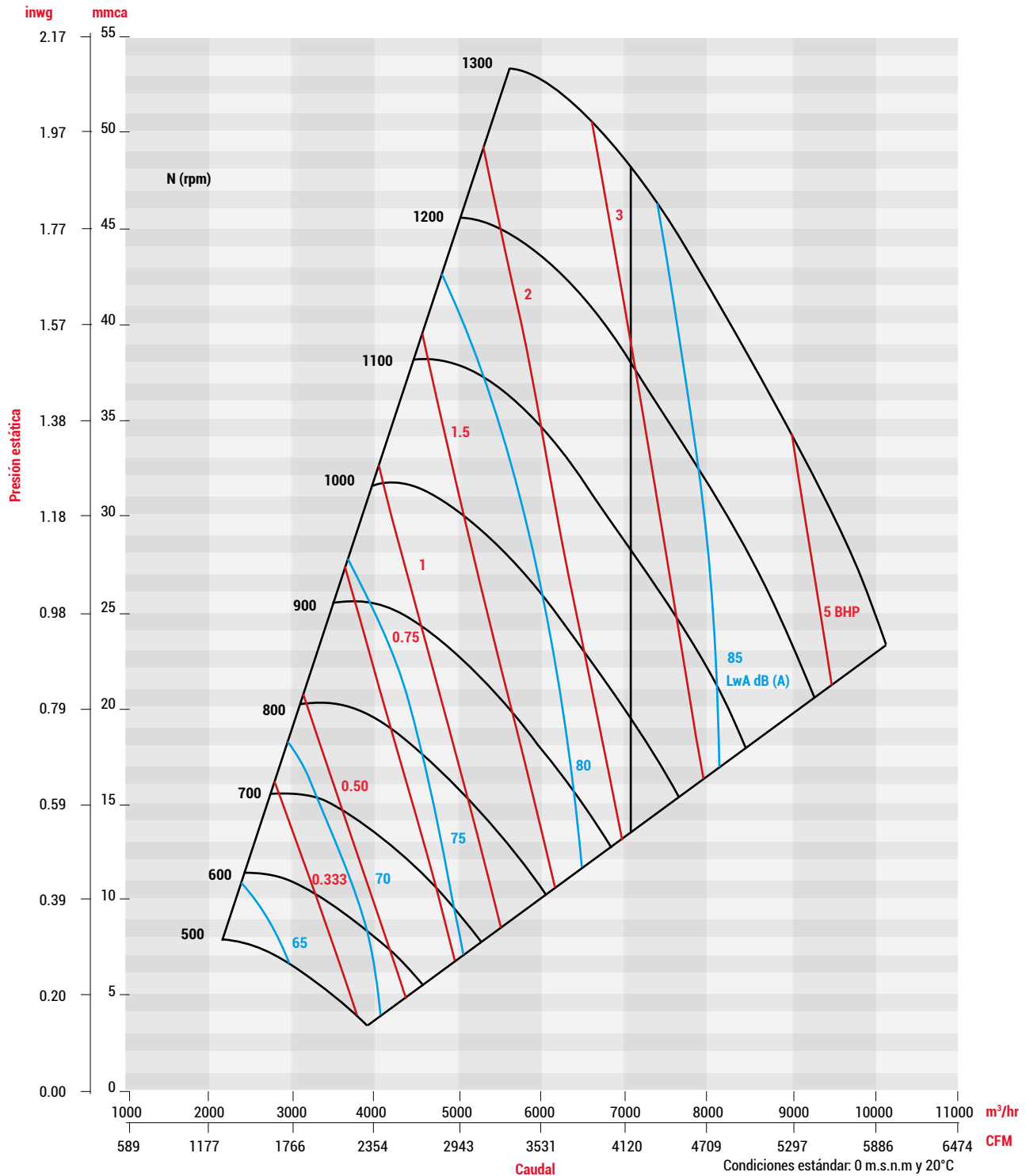
Los valores de Potencia no incluyen pérdidas por transmisión.

Los datos de caudal y presión si incluyen la pérdida de Filtros metálicos y Plisado MERV - 7.

Los datos de Sonido fueron obtenidos de acuerdo con ANSI/AMCA Standard 301-22 y ANSI/AMCA Standard 300-14 Figura 3 Instalación C sin ducto a la succión con ducto a la descarga.

Nota: Si la aplicación del equipo es para Exterior cuidar que la velocidad del aire no rebase 600ft/min ó 3 m/s para evitar arrastre de agua.

## CURVA CDAFHV 12/12



Prestaciones de acuerdo con ANSI/AMCA 210-16 Figura 12 Instalación C sin ducto a la succión con ducto a la descarga.

Los valores de Potencia no incluyen pérdidas por transmisión.

Los datos de caudal y presión si incluyen pérdidas de carga de Filtros metálicos y Plisados MERV - 7.

Si el equipo es seleccionado únicamente con Filtro metálico aplicar un factor del 1.21 al caudal.

Los datos de Sonido fueron obtenidos de acuerdo con ANSI/AMCA Standard 301-22 y ANSI/AMCA Standard 300-14 Figura 3 Instalación C sin ducto a la succión con ducto a la descarga.

Nota: Si la aplicación del equipo es para Exterior cuidar que la velocidad del aire no rebase 600ft/min ó 3 m/s para evitar arrastre de agua.



## CDAFHV 18/18

### CARACTERÍSTICAS PRINCIPALES

Área en la succión m<sup>2</sup>: 0.961

Diámetro de rodete: 468mm (18 3/8 inch)

Diámetro del eje: 25.4 mm (1 inch)

Área de salida: 0.266 m<sup>2</sup> (2.866 ft<sup>2</sup>)

BHP máximos: 8

Armazón máximo de motor: 213T

RPM máximas: 900

Peso aproximado del equipo: 167 Kgs (368 Lbs)

| RPM | PRESIÓN ESTÁTICA mmca / inwg |        |               |        |               |        |                |        |                |        |               |        |                |        |                |        |                  |        |                  |        |                 |        |                  |        |
|-----|------------------------------|--------|---------------|--------|---------------|--------|----------------|--------|----------------|--------|---------------|--------|----------------|--------|----------------|--------|------------------|--------|------------------|--------|-----------------|--------|------------------|--------|
|     | 5.08 mm/0.20"                |        | 6.35 mm/0.25" |        | 7.62 mm/0.30" |        | 10.16 mm/0.40" |        | 11.43 mm/0.45" |        | 12.7 mm/0.50" |        | 13.97 mm/0.55" |        | 15.24 mm/0.60" |        | 17.78 mm / 0.70" |        | 19.05 mm / 0.75" |        | 20.32 mm / 0.8" |        | 22.86 mm / 0.90" |        |
|     | CFM                          | BHP    | CFM           | BHP    | CFM           | BHP    | CFM            | BHP    | CFM            | BHP    | CFM           | BHP    | CFM            | BHP    | CFM            | BHP    | CFM              | BHP    | CFM              | BHP    | CFM             | BHP    | CFM              | BHP    |
|     | M³/HR                        | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR          | dB (A) | M³/HR          | dB (A) | M³/HR         | dB (A) | M³/HR          | dB (A) | M³/HR          | dB (A) | M³/HR            | dB (A) | M³/HR            | dB (A) | M³/HR           | dB (A) | M³/HR            | dB (A) |
| 400 | 5152                         | 0.71   | 4630          | 0.61   | 4119          | 0.52   | 1620           | 0.22   |                |        |               |        |                |        |                |        |                  |        |                  |        |                 |        |                  |        |
|     | 8755                         | 70.2   | 7867          | 68.4   | 6999          | 67.1   | 2753           | 65.3   |                |        |               |        |                |        |                |        |                  |        |                  |        |                 |        |                  |        |
| 425 | 5627                         | 0.87   | 5255          | 0.8    | 4814          | 0.74   | 3728           | 0.49   | 2039           | 0.3    |               |        |                |        |                |        |                  |        |                  |        |                 |        |                  |        |
|     | 9561                         | 71.8   | 8930          | 70.8   | 8181          | 69.6   | 6334           | 67.3   | 3464           | 66.7   |               |        |                |        |                |        |                  |        |                  |        |                 |        |                  |        |
| 450 | 6127                         | 1.08   | 5808          | 0.97   | 5348          | 0.9    | 4451           | 0.71   | 4253           | 0.61   | 2111          | 0.31   |                |        |                |        |                  |        |                  |        |                 |        |                  |        |
|     | 10411                        | 73.5   | 9870          | 72.6   | 9087          | 71.3   | 7564           | 69.3   | 7227           | 68.6   | 3588          | 67.8   |                |        |                |        |                  |        |                  |        |                 |        |                  |        |
| 475 | 6582                         | 1.31   | 6291          | 1.21   | 5970          | 1.12   | 5091           | 0.92   | 4663           | 0.83   | 4186          | 0.72   | 2508           | 0.4    | 1625           | 0.3    |                  |        |                  |        |                 |        |                  |        |
|     | 11184                        | 75     | 10690         | 74.3   | 10145         | 73.4   | 8650           | 71.2   | 7924           | 70.5   | 7112          | 69.8   | 4262           | 69.2   | 2761           | 68.5   |                  |        |                  |        |                 |        |                  |        |
| 500 |                              |        | 6772          | 1.46   | 6515          | 1.38   | 5697           | 1.15   | 5281           | 1.04   | 4929          | 0.95   | 4479           | 0.85   | 2960           | 0.52   |                  |        |                  |        |                 |        |                  |        |
|     |                              |        | 11507         | 75.8   | 11070         | 75.2   | 9680           | 73     | 8973           | 72.2   | 8376          | 71.6   | 7611           | 71.2   | 5030           | 70.4   |                  |        |                  |        |                 |        |                  |        |
| 525 |                              |        |               |        |               |        | 6339           | 1.43   | 5893           | 1.29   | 5515          | 1.18   | 5180           | 1.09   | 4803           | 0.98   | 1955             | 0.45   | 1676             | 0.45   |                 |        |                  |        |
|     |                              |        |               |        |               |        | 10771          | 75     | 10013          | 74     | 9371          | 73.2   | 8803           | 72.6   | 8161           | 72.2   | 3321             | 70.8   | 2847             | 70.6   |                 |        |                  |        |
| 550 |                              |        |               |        |               |        |                |        | 6543           | 1.59   | 6130          | 1.43   | 5766           | 1.33   | 5437           | 1.24   | 4300             | 0.93   | 2430             | 0.58   | 1731            | 0.49   |                  |        |
|     |                              |        |               |        |               |        |                |        | 11117          | 75.8   | 10416         | 75     | 9799           | 74.3   | 9238           | 73.8   | 7307             | 72.5   | 4129             | 71.7   | 2942            | 71     |                  |        |
| 600 |                              |        |               |        |               |        |                |        |                |        |               |        |                |        | 6649           | 1.84   | 6009             | 1.62   | 5697             | 1.51   | 5264            | 1.39   | 2443             | 0.69   |
|     |                              |        |               |        |               |        |                |        |                |        |               |        |                |        | 11298          | 76.7   | 10211            | 75.7   | 9680             | 75.4   | 8944            | 74.9   | 4152             | 74.6   |
| 625 |                              |        |               |        |               |        |                |        |                |        |               |        |                |        |                |        | 6632             | 1.96   | 6283             | 1.83   | 5984            | 1.73   | 4985             | 1.39   |
|     |                              |        |               |        |               |        |                |        |                |        |               |        |                |        |                |        | 11270            | 77.1   | 10677            | 76.6   | 10169           | 76.2   | 8470             | 75.6   |
| 650 |                              |        |               |        |               |        |                |        |                |        |               |        |                |        |                |        |                  |        |                  |        | 6638            | 2.12   | 6032             | 1.89   |
|     |                              |        |               |        |               |        |                |        |                |        |               |        |                |        |                |        |                  |        |                  |        | 11280           | 77.7   | 10250            | 77     |

| RPM | PRESIÓN ESTÁTICA mmca / inwg |        |              |        |              |        |               |        |              |        |              |        |             |        |              |        |              |        |               |        |              |        |              |        |
|-----|------------------------------|--------|--------------|--------|--------------|--------|---------------|--------|--------------|--------|--------------|--------|-------------|--------|--------------|--------|--------------|--------|---------------|--------|--------------|--------|--------------|--------|
|     | 25.4mm/1"                    |        | 27.94mm/1.1" |        | 30.48mm/1.2" |        | 31.75mm/1.25" |        | 33.02mm/1.3" |        | 35.56mm/1.4" |        | 38.1mm/1.5" |        | 40.64mm/1.6" |        | 43.18mm/1.7" |        | 44.45mm/1.75" |        | 45.72mm/1.8" |        | 48.26mm/1.9" |        |
|     | CFM                          | BHP    | CFM          | BHP    | CFM          | BHP    | CFM           | BHP    | CFM          | BHP    | CFM          | BHP    | CFM         | BHP    | CFM          | BHP    | CFM          | BHP    | CFM           | BHP    | CFM          | BHP    | CFM          | BHP    |
|     | M³/HR                        | dB (A) | M³/HR        | dB (A) | M³/HR        | dB (A) | M³/HR         | dB (A) | M³/HR        | dB (A) | M³/HR        | dB (A) | M³/HR       | dB (A) | M³/HR        | dB (A) | M³/HR        | dB (A) | M³/HR         | dB (A) | M³/HR        | dB (A) | M³/HR        | dB (A) |
| 650 | 4436                         | 1.31   | 2094         | 0.72   |              |        |               |        |              |        |              |        |             |        |              |        |              |        |               |        |              |        |              |        |
|     | 7537                         | 76.1   | 3559         | 75.5   |              |        |               |        |              |        |              |        |             |        |              |        |              |        |               |        |              |        |              |        |
| 675 | 6099                         | 2.05   | 4028         | 1.3    | 2181         | 0.86   |               |        |              |        |              |        |             |        |              |        |              |        |               |        |              |        |              |        |
|     | 10364                        | 77.4   | 6844         | 76.7   | 3706         | 76.1   |               |        |              |        |              |        |             |        |              |        |              |        |               |        |              |        |              |        |
| 700 | 6763                         | 2.48   | 6068         | 2.17   | 3532         | 1.29   | 2485          | 1.05   | 2136         | 0.95   |              |        |             |        |              |        |              |        |               |        |              |        |              |        |
|     | 11493                        | 78.7   | 10312        | 78     | 6002         | 77.5   | 4223          | 76.9   | 3630         | 76.5   |              |        |             |        |              |        |              |        |               |        |              |        |              |        |
| 725 |                              |        | 6859         | 2.69   | 6006         | 2.28   | 4751          | 1.74   | 3265         | 1.32   | 2294         | 1.08   |             |        |              |        |              |        |               |        |              |        |              |        |
|     |                              |        | 11655        | 79.3   | 10206        | 78.6   | 8073          | 78.4   | 5548         | 78.1   | 3897         | 77.3   |             |        |              |        |              |        |               |        |              |        |              |        |
| 750 |                              |        |              |        |              |        | 6583          | 2.71   | 5922         | 2.38   | 3180         | 1.4    | 2305        | 1.22   |              |        |              |        |               |        |              |        |              |        |
|     |                              |        |              |        |              |        | 11186         | 79.7   | 10062        | 79.4   | 5404         | 78.8   | 3917        | 78     |              |        |              |        |               |        |              |        |              |        |
| 775 |                              |        |              |        |              |        |               |        |              |        | 5809         | 2.46   | 3121        | 1.5    | 2446         | 1.29   |              |        |               |        |              |        |              |        |
|     |                              |        |              |        |              |        |               |        |              |        | 9871         | 80.2   | 5303        | 79.4   | 4156         | 79.2   |              |        |               |        |              |        |              |        |
| 800 |                              |        |              |        |              |        |               |        |              |        |              |        | 5826        | 2.6    | 3231         | 1.65   | 2468         | 1.42   |               |        |              |        |              |        |
|     |                              |        |              |        |              |        |               |        |              |        |              |        | 9900        | 80.7   | 5491         | 80.3   | 4194         | 80.1   |               |        |              |        |              |        |
| 850 |                              |        |              |        |              |        |               |        |              |        |              |        |             |        |              |        | 6012         | 2.98   | 4639          | 2.38   | 3560         | 2      | 2671         | 1.69   |
|     |                              |        |              |        |              |        |               |        |              |        |              |        |             |        |              |        | 10216        | 81.9   | 7882          | 81.8   | 6050         | 81.5   | 4539         | 80.9   |
| 875 |                              |        |              |        |              |        |               |        |              |        |              |        |             |        |              |        |              |        |               |        | 6316         | 3.38   | 3842         | 2.28   |
|     |                              |        |              |        |              |        |               |        |              |        |              |        |             |        |              |        |              |        |               |        | 10733        | 82.6   | 6528         | 82.1   |
| 900 |                              |        |              |        |              |        |               |        |              |        |              |        |             |        |              |        |              |        |               |        |              |        | 6494         | 3.71   |
|     |                              |        |              |        |              |        |               |        |              |        |              |        |             |        |              |        |              |        |               |        |              |        | 11034        | 82.9   |

Prestaciones de acuerdo con ANSI/AMCA 210-16 Figura 12 Instalación C sin ducto a la succión con ducto a la descarga .

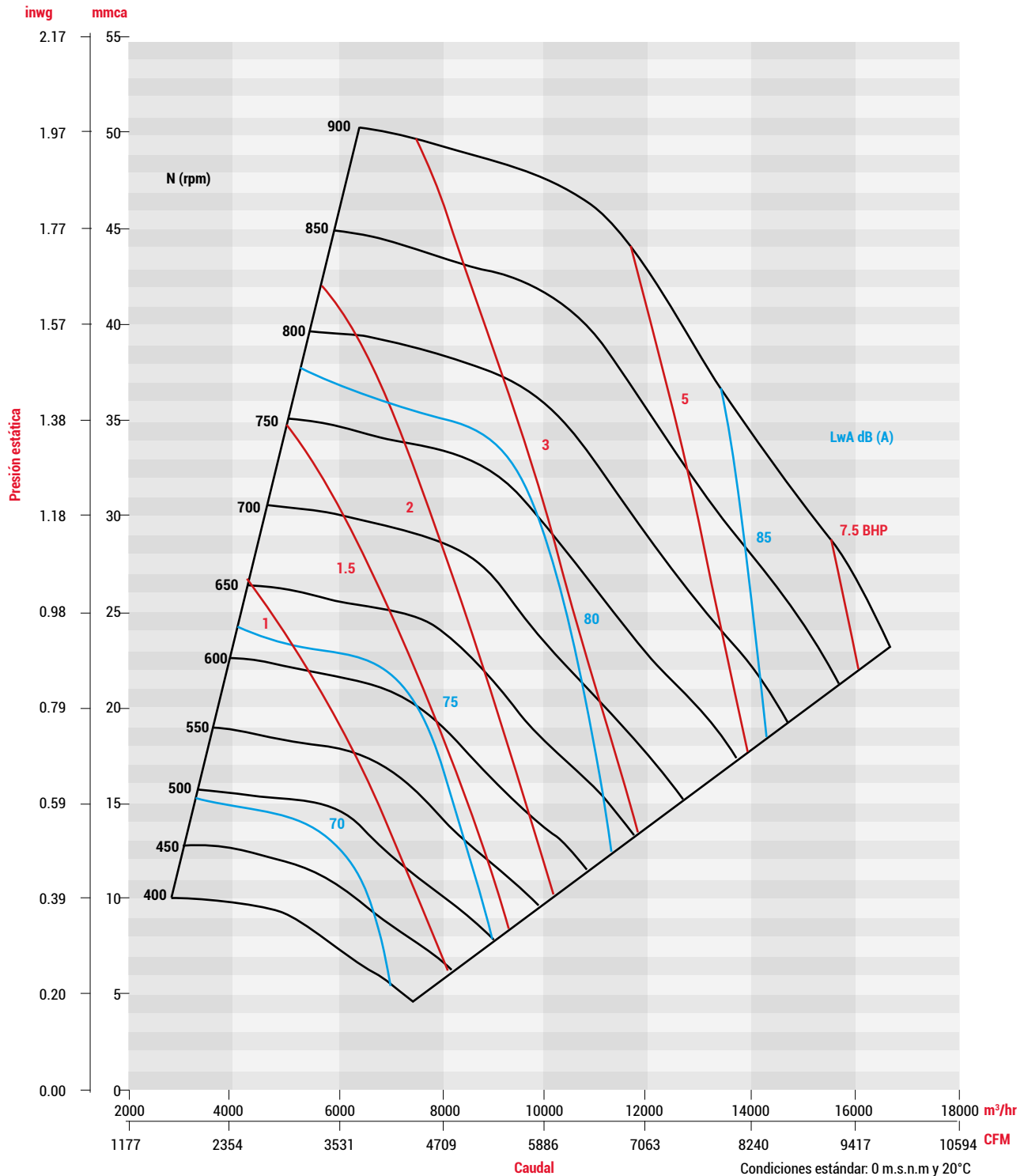
Los valores de Potencia no incluyen pérdidas por transmisión .

Los datos de caudal y presión si incluyen la pérdida de Filtros metálicos y Plisado MERV - 7.

Los datos de Sonido fueron obtenidos de acuerdo con ANSI/AMCA Standard 301-22 y ANSI/AMCA Standard 300-14 Figura 3 Instalación C sin ducto a la succión con ducto a la descarga.

Nota: Si la aplicación del equipo es para Exterior cuidar que la velocidad del aire no rebase 600ft/min ó 3 m/s para evitar arrastre de agua.

## CURVA CDAFHV 18/18



Prestaciones de acuerdo con ANSI/AMCA 210-16 Figura 12 Instalación C sin ducto a la succión con ducto a la descarga.

Los valores de Potencia no incluyen pérdidas por transmisión.

Los datos de caudal y presión si incluyen pérdidas de carga de Filtros metálicos y Plisados MERV - 7.

Si el equipo es seleccionado únicamente con Filtro metálico aplicar un factor del 1.21 al caudal.

Los datos de Sonido fueron obtenidos de acuerdo con ANSI/AMCA Standard 301-22 y ANSI/AMCA Standard 300-14 Figura 3 Instalación C sin ducto a la succión con ducto a la descarga.

Nota: Si la aplicación del equipo es para Exterior cuidar que la velocidad del aire no rebase 600ft/min ó 3 m/s para evitar arrastre de agua.



## CDA 20/20

## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 586 mm (23 1/6 inch)

Diámetro del eje: 34.9 mm (1 3/8 inch)

Área de salida: 0.403 m (4.338 ft)

BHP máximos: 8.09

Armazón máximo de motor: 215T

RPM máximas: 800

Peso aproximado del equipo: 222 Kgs (489 Lbs)

| HP    | RPM | PRESIÓN ESTÁTICA mmca / inwg |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |
|-------|-----|------------------------------|--------|--------------------|--------|--------------------|--------|--------------------|--------|--------------------|--------|--------------------|--------|--------------------|--------|--------------------|--------|--------------------|--------|--------------------|--------|--------------------|--------|--------------------|--------|
|       |     | 12.70mm/0.50"                |        | 15.20mm/0.60"      |        | 16.50mm/0.65"      |        | 20.30mm/0.80"      |        | 23.90mm/0.90"      |        | 26.20mm/1.03"      |        | 29.50mm/1.16"      |        | 32.80mm/1.29"      |        | 36.10mm/1.42"      |        | 39.40mm/1.55"      |        | 42.70mm/1.68"      |        | 46.0mm/1.81"       |        |
|       |     | CFM                          | BHP    | CFM                | BHP    | CFM                | BHP    | CFM                | BHP    | CFM                | BHP    | CFM                | BHP    | CFM                | BHP    | CFM                | BHP    | CFM                | BHP    | CFM                | BHP    | CFM                | BHP    | CFM                | BHP    |
|       |     | M <sup>3</sup> /HR           | dB (A) | M <sup>3</sup> /HR | dB (A) | M <sup>3</sup> /HR | dB (A) | M <sup>3</sup> /HR | dB (A) | M <sup>3</sup> /HR | dB (A) | M <sup>3</sup> /HR | dB (A) | M <sup>3</sup> /HR | dB (A) | M <sup>3</sup> /HR | dB (A) | M <sup>3</sup> /HR | dB (A) | M <sup>3</sup> /HR | dB (A) | M <sup>3</sup> /HR | dB (A) | M <sup>3</sup> /HR | dB (A) |
| 2     | 435 | 5498                         | 1.06   | 4460               | 0.88   | 3725               | 0.76   |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |
|       |     | 9341                         | 50     | 7577               | 48     | 6329               | 47     |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |
|       | 450 | 5972                         | 1.24   | 5058               | 1.05   | 4510               | 0.95   |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |
|       |     | 10147                        | 52     | 8593               | 50     | 7663               | 49     |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |
|       | 465 | 6431                         | 1.42   | 5652               | 1.25   | 5142               | 1.14   | 2883               | 0.72   |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |
|       |     | 10926                        | 53     | 9603               | 52     | 8736               | 51     | 4899               | 46     |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |
|       | 480 | 6853                         | 1.62   | 6151               | 1.45   | 5723               | 1.35   | 3974               | 0.99   |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |
|       |     | 11643                        | 55     | 10450              | 53     | 9723               | 52     | 6752               | 49     |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |
|       | 495 | 7264                         | 1.84   | 6623               | 1.66   | 6245               | 1.56   | 4794               | 1.23   |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |
|       |     | 12342                        | 56     | 11253              | 55     | 10610              | 54     | 8145               | 51     |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |
| 3     | 510 | 7667                         | 2.07   | 7056               | 1.88   | 6705               | 1.78   | 5453               | 1.46   | 4184               | 1.18   |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |
|       |     | 13026                        | 57     | 11988              | 56     | 11392              | 55     | 9264               | 53     | 7108               | 51     |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |
|       | 525 | 8051                         | 2.31   | 7491               | 2.12   | 7176               | 2.02   | 6069               | 1.71   | 5044               | 1.46   |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |
|       |     | 13678                        | 58     | 12727              | 57     | 12192              | 56     | 10311              | 54     | 8569               | 52     |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |
|       | 540 | 8417                         | 2.57   | 7902               | 2.38   | 7617               | 2.28   | 6613               | 1.97   | 5742               | 1.73   | 4139               | 1.32   |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |
|       |     | 14301                        | 59     | 13425              | 58     | 12942              | 57     | 11236              | 56     | 9755               | 54     | 7033               | 52     |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |
|       | 555 | 8790                         | 2.84   | 8307               | 2.65   | 8022               | 2.54   | 7098               | 2.23   | 6333               | 2.00   | 5021               | 1.64   |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |
|       |     | 14935                        | 60     | 14113              | 59     | 13630              | 58     | 12060              | 57     | 10760              | 56     | 8531               | 53     |                    |        |                    |        |                    |        |                    |        |                    |        |                    |        |
|       | 570 | 9152                         | 3.14   | 8687               | 2.94   | 8428               | 2.83   | 7577               | 2.51   | 6889               | 2.28   | 5799               | 1.96   | 4200               | 1.51   |                    |        |                    |        |                    |        |                    |        |                    |        |
|       |     | 15550                        | 61     | 14759              | 60     | 14320              | 59     | 12874              | 58     | 11704              | 57     | 9853               | 55     | 7135               | 53     |                    |        |                    |        |                    |        |                    |        |                    |        |
| 5     | 585 | 9497                         | 3.44   | 9063               | 3.24   | 8816               | 3.13   | 8032               | 2.81   | 7397               | 2.58   | 6435               | 2.26   | 5152               | 1.88   |                    |        |                    |        |                    |        |                    |        |                    |        |
|       |     | 16136                        | 61     | 15398              | 61     | 14979              | 60     | 13647              | 59     | 12567              | 58     | 10933              | 57     | 8754               | 55     |                    |        |                    |        |                    |        |                    |        |                    |        |
|       | 600 | 9845                         | 3.77   | 9432               | 3.56   | 9201               | 3.45   | 8472               | 3.13   | 7879               | 2.90   | 7015               | 2.58   | 5905               | 2.22   | 4345               | 1.74   |                    |        |                    |        |                    |        |                    |        |
|       |     | 16727                        | 62     | 16025              | 61     | 15633              | 61     | 14394              | 60     | 13386              | 59     | 11918              | 58     | 10032              | 56     | 7382               | 54     |                    |        |                    |        |                    |        |                    |        |
|       | 615 | 10200                        | 4.11   | 9799               | 3.90   | 9580               | 3.79   | 8882               | 3.46   | 8341               | 3.23   | 7546               | 2.91   | 6570               | 2.56   | 5290               | 2.14   |                    |        |                    |        |                    |        |                    |        |
|       |     | 17330                        | 63     | 16649              | 62     | 16277              | 62     | 15090              | 61     | 14172              | 60     | 12821              | 59     | 11162              | 58     | 9887               | 56     |                    |        |                    |        |                    |        |                    |        |
|       | 630 | 10541                        | 4.48   | 10164              | 4.26   | 9958               | 4.15   | 9294               | 3.81   | 8789               | 3.58   | 8059               | 3.26   | 7197               | 2.93   | 6121               | 2.54   | 4584               | 2.02   |                    |        |                    |        |                    |        |
|       |     | 17910                        | 63     | 17269              | 63     | 16918              | 63     | 15790              | 62     | 14933              | 61     | 13692              | 60     | 12227              | 59     | 10400              | 57     | 7788               | 55     |                    |        |                    |        |                    |        |
|       | 645 | 10881                        | 4.86   | 10511              | 4.64   | 10310              | 4.52   | 9682               | 4.18   | 9205               | 3.94   | 8529               | 3.62   | 7743               | 3.29   | 6798               | 2.92   | 5536               | 2.47   |                    |        |                    |        |                    |        |
|       |     | 18486                        | 64     | 17859              | 63     | 17517              | 63     | 16449              | 62     | 15639              | 62     | 14490              | 61     | 13155              | 60     | 11549              | 59     | 9405               | 57     |                    |        |                    |        |                    |        |
| 7 1/2 | 660 | 11217                        | 5.26   | 10865              | 5.03   | 10670              | 4.91   | 10069              | 4.56   | 9621               | 4.32   | 8985               | 4.00   | 8257               | 3.67   | 7418               | 3.31   | 6358               | 2.90   | 4941               | 2.37   |                    |        |                    |        |
|       |     | 19057                        | 65     | 18460              | 64     | 18128              | 64     | 17107              | 63     | 16346              | 63     | 15266              | 62     | 14029              | 61     | 12603              | 60     | 10803              | 58     | 8395               | 56     |                    |        |                    |        |
|       | 675 | 11543                        | 5.68   | 11202              | 5.45   | 11019              | 5.33   | 10447              | 4.97   | 10026              | 4.73   | 9420               | 4.40   | 8758               | 4.07   | 7988               | 3.72   | 7046               | 3.32   | 5878               | 2.86   | 4177               | 2.19   |                    |        |
|       |     | 19611                        | 65     | 19033              | 65     | 18721              | 65     | 17750              | 64     | 17035              | 63     | 16004              | 63     | 14880              | 62     | 13572              | 61     | 11971              | 60     | 9987               | 58     | 7097               | 55     |                    |        |
|       | 690 | 11878                        | 6.12   | 11550              | 5.89   | 11372              | 5.76   | 10821              | 5.40   | 10417              | 5.15   | 9853               | 4.82   | 9222               | 4.48   | 8507               | 4.13   | 7673               | 3.75   | 6654               | 3.32   | 5300               | 2.77   |                    |        |
|       |     | 20180                        | 66     | 19624              | 65     | 19321              | 65     | 18385              | 65     | 17698              | 64     | 16741              | 63     | 15668              | 63     | 14454              | 62     | 13037              | 61     | 11305              | 59     | 9004               | 57     |                    |        |
|       | 705 | 12198                        | 6.58   | 11883              | 6.34   | 11710              | 6.21   | 11184              | 5.84   | 10802              | 5.59   | 10271              | 5.26   | 9670               | 4.92   | 9009               | 4.57   | 8264               | 4.20   | 7376               | 3.79   | 6249               | 3.30   | 4707               | 2.65   |
|       |     | 20725                        | 67     | 20190              | 66     | 19895              | 66     | 19002              | 65     | 18352              | 65     | 17451              | 64     | 16430              | 64     | 15307              | 63     | 14041              | 62     | 12531              | 61     | 10617              | 59     | 7998               | 57     |
|       | 720 | 12529                        | 7.06   | 12222              | 6.82   | 12054              | 6.69   | 11553              | 6.32   | 11176              | 6.05   | 10666              | 5.72   | 10105              | 5.37   | 9581               | 5.07   | 8807               | 4.66   | 7993               | 4.26   | 7041               | 3.81   | 5765               | 3.25   |
|       |     | 21287                        | 67     | 20766              | 67     | 20480              | 67     | 19628              | 66     | 18988              | 66     | 18121              | 65     | 17169              | 64     | 16278              | 64     | 14963              | 63     | 13580              | 62     | 11963              | 61     | 9794               | 59     |
| 10    | 735 | 12849                        | 7.57   | 12550              | 7.31   | 12391              | 7.18   | 11901              | 6.80   | 11543              | 6.54   | 11067              | 6.20   | 10535              | 5.85   | 9961               | 5.50   | 9303               | 5.13   | 8582               | 4.74   | 7711               | 4.31   | 6660               | 3.81   |
|       |     | 21831                        | 68     | 21322              | 68     | 21053              | 68     | 20220              | 67     | 19611              | 66     | 18802              | 66     | 17899              | 65     | 16923              | 64     | 15806              | 64     | 14580              | 63     | 13101              | 62     | 11316              | 60     |
|       | 750 | 13169                        | 8.09   | 12881              | 7.84   | 12726              | 7.70   | 12255              | 7.31   | 11915              | 7.05   | 11443              | 6.70   | 10945              | 6.35   | 10393              | 5.99   | 9790               | 5.62   | 9121               | 5.24   | 8331               | 4.81   | 7407               | 4.35   |
|       |     | 22374                        | 69     | 21884              | 69     | 21622              | 68     | 20822              | 68     | 20244              | 67     | 19442              | 66     | 18596              | 66     | 17658              | 65     | 16634              | 65     | 15496              | 64     | 14155              | 63     | 12585              | 62     |

Prestaciones de acuerdo con ANSI/AMCA 210-16 Figura 12 Instalación C sin ducto a la succión con ducto a la descarga.

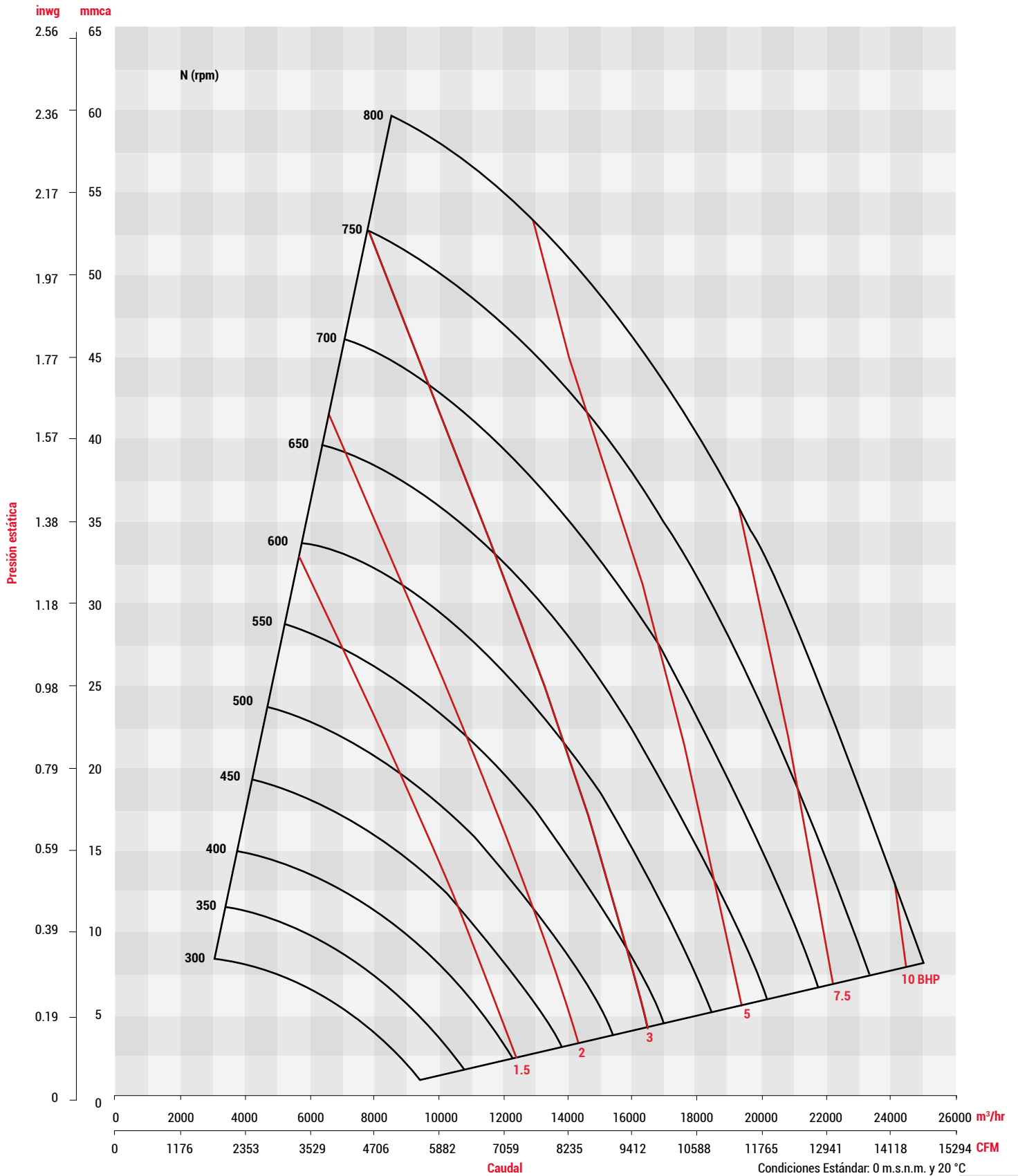
Los valores de Potencia no incluyen pérdidas por transmisión.

Los datos de caudal y presión NO incluyen pérdidas de carga de los Filtros metálicos y Plisado MERV - 7.

Los datos de Sonido fueron obtenidos de acuerdo con ANSI/AMCA Standard 301-22 y ANSI/AMCA Standard 300-14 Figura 3 Instalación C sin ducto a la succión con ducto a la descarga.

Nota: Si la aplicación del equipo es para Exterior cuidar que la velocidad del aire no rebase 600ft/min ó 3 m/s para evitar arrastre de agua.

## CURVA CDA 20/20





## CDA 22/22

## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 586 mm (23 1/6 inch)

Diámetro del eje: 34.9 mm (1 3/8 inch)

Área de salida: 0.4899 m<sup>2</sup> (5.272 ft<sup>2</sup>)

BHP máximos: 12.1

Armazón máximo de motor: 254T

RPM máximas: 800

Peso aproximado del equipo: 281 Kgs (619 Lbs)

| HP    | RPM | PRESIÓN ESTÁTICA mmca / inwg |        |               |        |               |        |              |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|-------|-----|------------------------------|--------|---------------|--------|---------------|--------|--------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|
|       |     | 24.10mm/0.95"                |        | 25.40mm/1.00" |        | 26.70mm/1.05" |        | 30.0mm/1.18" |        | 33.30mm/1.31" |        | 36.60mm/1.44" |        | 39.90mm/1.57" |        | 43.20mm/1.70" |        | 47.80mm/1.88" |        | 52.30mm/2.06" |        | 56.90mm/2.24" |        | 61.50mm/2.42" |        |
|       |     | CFM                          | BHP    | CFM           | BHP    | CFM           | BHP    | CFM          | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    |
|       |     | M³/HR                        | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR        | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) |
| 3     | 483 | 6307                         | 1.77   | 5224          | 1.50   | 3834          | 1.17   |              |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 10715                        | 52     | 8875          | 51     | 6514          | 48     |              |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       | 495 | 7355                         | 2.16   | 6471          | 1.91   | 5247          | 1.59   |              |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 12496                        | 54     | 10995         | 53     | 8914          | 51     |              |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
| 5     | 507 | 8143                         | 2.50   | 7471          | 2.30   | 6589          | 2.04   |              |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 13835                        | 55     | 12694         | 54     | 11194         | 53     |              |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       | 519 | 8853                         | 2.88   | 8288          | 2.68   | 7566          | 2.45   | 4791         | 1.64   |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 15041                        | 56     | 14081         | 55     | 12855         | 55     | 8140         | 51     |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
| 7 1/2 | 531 | 9505                         | 3.26   | 8996          | 3.06   | 8440          | 2.86   | 6327         | 2.17   |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 16149                        | 56     | 15285         | 56     | 14339         | 56     | 10750        | 54     |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       | 543 | 10091                        | 3.64   | 9652          | 3.45   | 9130          | 3.25   | 7436         | 2.64   | 4662          | 1.77   |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 17144                        | 57     | 16399         | 57     | 15512         | 56     | 12633        | 55     | 7921          | 52     |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
| 10    | 555 | 10620                        | 4.02   | 10247         | 3.85   | 9806          | 3.66   | 8371         | 3.09   | 6150          | 2.33   |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 18044                        | 57     | 17409         | 57     | 16660         | 57     | 14222        | 56     | 10449         | 54     |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       | 567 | 11150                        | 4.43   | 10791         | 4.26   | 9862          | 4.07   | 9166         | 3.54   | 7406          | 2.87   | 4657          | 1.94   |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 18944                        | 58     | 18334         | 58     | 16755         | 58     | 15573        | 57     | 12582         | 56     | 7913          | 53     |               |        |               |        |               |        |               |        |               |        |               |        |
| 15    | 579 | 11650                        | 4.86   | 11306         | 4.68   | 10966         | 4.51   | 9899         | 4.01   | 8408          | 3.38   | 6134          | 2.54   |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 19793                        | 58     | 19209         | 58     | 18631         | 58     | 16818        | 58     | 14285         | 57     | 10421         | 55     |               |        |               |        |               |        |               |        |               |        |               |        |
|       | 591 | 12129                        | 5.30   | 11822         | 5.13   | 11501         | 4.96   | 10519        | 4.46   | 9284          | 3.89   | 7446          | 3.15   | 4673          | 2.14   |               |        |               |        |               |        |               |        |               |        |
|       |     | 20607                        | 59     | 20085         | 59     | 19541         | 59     | 17871        | 58     | 15774         | 58     | 12650         | 56     | 7939          | 54     |               |        |               |        |               |        |               |        |               |        |
| 20    | 603 | 12573                        | 5.74   | 12290         | 5.58   | 11983         | 5.40   | 11115        | 4.93   | 10026         | 4.39   | 8527          | 3.72   | 6185          | 2.80   |               |        |               |        |               |        |               |        |               |        |
|       |     | 21362                        | 59     | 20881         | 59     | 20359         | 59     | 18884        | 59     | 17034         | 58     | 14488         | 57     | 10509         | 56     |               |        |               |        |               |        |               |        |               |        |
|       | 615 | 13039                        | 6.23   | 12765         | 6.06   | 12481         | 5.88   | 11663        | 5.41   | 10698         | 4.90   | 9416          | 4.27   | 7552          | 3.46   | 4899          | 2.42   |               |        |               |        |               |        |               |        |
|       |     | 22154                        | 60     | 21688         | 60     | 21206         | 60     | 19815        | 59     | 18176         | 59     | 15998         | 58     | 12830         | 57     | 8323          | 55     |               |        |               |        |               |        |               |        |
| 25    | 627 | 13470                        | 6.72   | 13215         | 6.55   | 12959         | 6.38   | 12210        | 5.92   | 11308         | 5.41   | 10181         | 4.81   | 8647          | 4.09   | 6394          | 3.13   |               |        |               |        |               |        |               |        |
|       |     | 22885                        | 60     | 22453         | 60     | 22018         | 60     | 20744        | 60     | 19212         | 59     | 17298         | 59     | 14691         | 58     | 10863         | 57     |               |        |               |        |               |        |               |        |
|       | 639 | 13891                        | 7.22   | 13659         | 7.06   | 13421         | 6.90   | 12713        | 6.44   | 11897         | 5.94   | 10897         | 5.37   | 9612          | 4.71   | 7757          | 3.85   |               |        |               |        |               |        |               |        |
|       |     | 23601                        | 61     | 23206         | 61     | 22803         | 61     | 21599        | 60     | 20213         | 60     | 18514         | 60     | 16330         | 59     | 13179         | 58     |               |        |               |        |               |        |               |        |
| 30    | 651 | 14325                        | 7.76   | 14083         | 7.59   | 13843         | 7.42   | 13198        | 6.97   | 12438         | 6.48   | 11534         | 5.93   | 10406         | 5.30   | 8881          | 4.53   | 5629          | 3.06   |               |        |               |        |               |        |
|       |     | 24338                        | 61     | 23927         | 61     | 23520         | 61     | 22424        | 61     | 21132         | 60     | 19596         | 60     | 17679         | 60     | 15088         | 59     | 9563          | 57     |               |        |               |        |               |        |
|       | 663 | 14725                        | 8.31   | 14513         | 8.18   | 14285         | 7.97   | 13656        | 7.51   | 12955         | 7.03   | 12139         | 6.50   | 11131         | 5.90   | 9856          | 5.20   | 7174          | 3.89   |               |        |               |        |               |        |
|       |     | 25018                        | 62     | 24658         | 61     | 24270         | 61     | 23202        | 61     | 22011         | 61     | 20624         | 61     | 18912         | 60     | 16746         | 60     | 12188         | 58     |               |        |               |        |               |        |
| 35    | 675 | 15139                        | 8.89   | 14926         | 8.71   | 14720         | 8.55   | 14117        | 8.09   | 13450         | 7.60   | 12690         | 7.08   | 11811         | 6.52   | 10697         | 5.86   | 8455          | 4.66   | 5180          | 3.11   |               |        |               |        |
|       |     | 25722                        | 62     | 25360         | 62     | 25009         | 62     | 23984        | 62     | 22852         | 61     | 21561         | 61     | 20067         | 61     | 18174         | 60     | 14365         | 59     | 8801          | 57     |               |        |               |        |
|       | 687 | 15544                        | 9.49   | 15337         | 9.31   | 15125         | 9.13   | 14577        | 8.69   | 13952         | 8.21   | 13246         | 7.70   | 12420         | 7.13   | 11430         | 6.50   | 9546          | 5.41   | 6717          | 3.98   |               |        |               |        |
|       |     | 26410                        | 62     | 26058         | 62     | 25697         | 62     | 24766        | 62     | 23704         | 62     | 22505         | 62     | 21101         | 61     | 19420         | 61     | 16218         | 60     | 11413         | 59     |               |        |               |        |
| 40    | 699 | 15936                        | 10.1   | 15745         | 9.93   | 15549         | 9.76   | 15012        | 9.30   | 14424         | 8.83   | 13677         | 8.21   | 12900         | 7.65   | 11982         | 7.04   | 10495         | 6.15   | 8135          | 4.85   |               |        |               |        |
|       |     | 27075                        | 63     | 26750         | 63     | 26417         | 63     | 25505        | 63     | 24506         | 62     | 23237         | 62     | 21917         | 62     | 20358         | 61     | 17831         | 61     | 13821         | 60     |               |        |               |        |
|       | 711 | 16324                        | 10.7   | 16138         | 10.6   | 15957         | 10.4   | 15442        | 9.94   | 14881         | 9.46   | 14255         | 8.95   | 13539         | 8.40   | 12725         | 7.81   | 11295         | 6.86   | 9323          | 5.68   | 6298          | 4.07   |               |        |
|       |     | 27735                        | 63     | 27418         | 63     | 27111         | 63     | 26236        | 63     | 25283         | 63     | 24219         | 63     | 23002         | 62     | 21620         | 62     | 19190         | 61     | 15839         | 61     | 10700         | 59     |               |        |
| 45    | 723 | 16711                        | 11.4   | 16532         | 11.2   | 16346         | 11.0   | 15855        | 10.6   | 15325         | 10.1   | 14738         | 9.61   | 14077         | 9.08   | 13305         | 8.49   | 12041         | 7.59   | 10363         | 6.50   | 7802          | 5.03   |               |        |
|       |     | 28392                        | 64     | 28088         | 64     | 27772         | 63     | 26938        | 63     | 26037         | 63     | 25040         | 63     | 23917         | 63     | 22606         | 63     | 20458         | 62     | 17606         | 61     | 13255         | 60     |               |        |
|       | 735 | 17101                        | 12.1   | 16925         | 11.9   | 16749         | 11.7   | 16278        | 11.3   | 15765         | 10.8   | 15204         | 10.3   | 14580         | 9.76   | 13882         | 9.19   | 12706         | 8.30   | 11234         | 7.28   | 9089          | 5.95   | 6021          | 4.23   |
|       |     | 29054                        | 64     | 28756         | 64     | 28456         | 64     | 27656        | 64     | 26784         | 64     | 25831         | 63     | 24771         | 63     | 23585         | 63     | 21587         | 63     | 19086         | 62     | 15443         | 61     | 10229         | 60     |

Prestaciones de acuerdo con ANSI/AMCA 210-16 Figura 12 Instalación C sin ducto a la succión con ducto a la descarga.

Los valores de Potencia no incluyen pérdidas por transmisión.

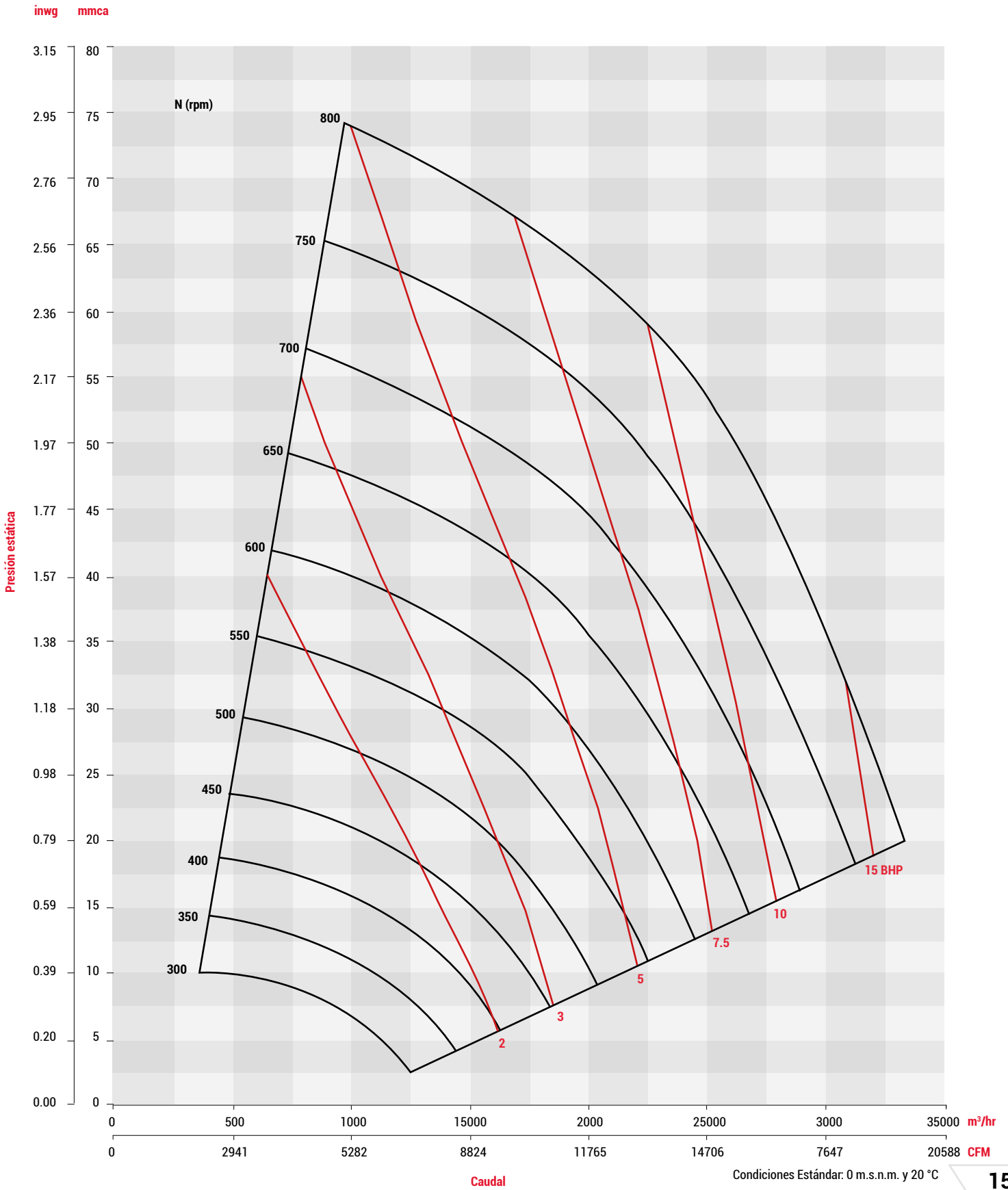
Los datos de caudal y presión NO incluyen pérdidas de carga de los Filtros metálicos y Plisado MERV - 7.

Los datos de Sonido fueron obtenidos de acuerdo con ANSI/AMCA Standard 301-22 y ANSI/AMCA Standard 300-14 Figura 3 Instalación C sin ducto a la succión con ducto a la descarga.

Nota: Si la aplicación del equipo es para Exterior cuidar que la velocidad del aire no rebase 600ft/min ó 3 m/s para evitar arrastre de agua.



## CURVA CDA 22/22





## CDA 25/25

## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 662 mm (26 1/16 inch)

Diámetro del eje: 34.9 mm (1 3/8 inch)

Área de salida: 0.6423 m<sup>2</sup> (6.912 ft<sup>2</sup>)

BHP máximos: 13.5

Armazón máximo de motor: 254T

RPM máximas: 650

Peso aproximado del equipo: 311 Kgs (686 Lbs)

| HP    | RPM | PRESIÓN ESTÁTICA mmca / inwg |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|-------|-----|------------------------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|
|       |     | 19.05mm/0.75"                |        | 20.30mm/0.80" |        | 21.60mm/0.85" |        | 24.90mm/0.98" |        | 28.20mm/1.10" |        | 31.20mm/1.23" |        | 34.50mm/1.36" |        | 37.80mm/1.49" |        | 41.10mm/1.62" |        | 44.50mm/1.75" |        | 47.80mm/1.88" |        | 52.30mm/2.06" |        |
|       |     | CFM                          | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    |
|       |     | M³/HR                        | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) |
| 3     | 384 | 7500                         | 1.73   | 6439          | 1.51   | 4735          | 1.23   |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 12743                        | 51     | 10940         | 50     | 8044          | 47     |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       | 395 | 8441                         | 2.05   | 7593          | 1.85   | 6457          | 1.61   |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 14341                        | 52     | 12900         | 51     | 10971         | 50     |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
| 5     | 406 | 9358                         | 2.42   | 8637          | 2.22   | 7710          | 1.99   |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 15900                        | 53     | 14675         | 53     | 13100         | 52     |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       | 417 | 10170                        | 2.79   | 9533          | 2.60   | 8778          | 2.38   | 5942          | 1.71   |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 17279                        | 54     | 16196         | 54     | 14913         | 53     | 10096         | 51     |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
| 7 1/2 | 428 | 10940                        | 3.18   | 10336         | 2.98   | 9641          | 2.76   | 7427          | 2.15   |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 18587                        | 55     | 17561         | 55     | 16380         | 54     | 12618         | 52     |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       | 439 | 11633                        | 3.59   | 11101         | 3.39   | 10479         | 3.18   | 8563          | 2.57   | 5848          | 1.92   |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 19764                        | 56     | 18861         | 56     | 17803         | 55     | 14548         | 54     | 9936          | 51     |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
| 10    | 450 | 12314                        | 4.02   | 11837         | 3.83   | 11271         | 3.61   | 9584          | 3.03   | 7474          | 2.41   |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 20922                        | 57     | 20111         | 56     | 19150         | 56     | 16283         | 55     | 12699         | 53     |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       | 461 | 12999                        | 4.48   | 12551         | 4.29   | 11989         | 4.06   | 10476         | 3.48   | 8750          | 2.91   | 5531          | 2.10   |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 22085                        | 57     | 21324         | 57     | 20370         | 57     | 17798         | 56     | 14866         | 55     | 9398          | 52     |               |        |               |        |               |        |               |        |               |        |               |        |
| 15    | 472 | 13642                        | 4.92   | 13191         | 4.76   | 12706         | 4.54   | 11300         | 3.96   | 9783          | 3.40   | 7415          | 2.66   |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 23177                        | 58     | 22411         | 58     | 21587         | 58     | 19198         | 57     | 16622         | 56     | 12598         | 54     |               |        |               |        |               |        |               |        |               |        |               |        |
|       | 483 | 14247                        | 5.45   | 13837         | 5.26   | 13387         | 5.04   | 12094         | 4.47   | 10699         | 3.90   | 8726          | 3.20   |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 24205                        | 59     | 23509         | 59     | 22744         | 58     | 20548         | 57     | 18177         | 57     | 14825         | 55     |               |        |               |        |               |        |               |        |               |        |               |        |
| 20    | 494 | 14845                        | 5.97   | 14464         | 5.78   | 14063         | 5.56   | 12829         | 4.99   | 11576         | 4.43   | 9836          | 3.74   | 7494          | 2.98   |               |        |               |        |               |        |               |        |               |        |
|       |     | 25221                        | 59     | 24575         | 59     | 23893         | 59     | 21796         | 58     | 19668         | 57     | 16711         | 56     | 12733         | 55     |               |        |               |        |               |        |               |        |               |        |
|       | 505 | 15461                        | 6.53   | 15088         | 6.33   | 14681         | 6.12   | 13533         | 5.53   | 12342         | 4.97   | 10833         | 4.31   | 8880          | 3.57   |               |        |               |        |               |        |               |        |               |        |
|       |     | 26268                        | 60     | 25634         | 60     | 24943         | 60     | 22993         | 59     | 20969         | 58     | 18406         | 57     | 15087         | 56     |               |        |               |        |               |        |               |        |               |        |
| 25    | 516 | 16020                        | 7.10   | 15682         | 6.91   | 15297         | 6.69   | 14197         | 6.10   | 13122         | 5.55   | 11719         | 4.88   | 10035         | 4.17   | 7666          | 3.34   |               |        |               |        |               |        |               |        |
|       |     | 27218                        | 61     | 26643         | 61     | 25989         | 60     | 24121         | 60     | 22294         | 59     | 19911         | 58     | 17049         | 57     | 13025         | 56     |               |        |               |        |               |        |               |        |
|       | 527 | 16610                        | 7.71   | 16255         | 7.50   | 15876         | 7.27   | 14863         | 6.69   | 13861         | 6.15   | 12579         | 5.49   | 11039         | 4.78   | 9109          | 4.00   |               |        |               |        |               |        |               |        |
|       |     | 28220                        | 61     | 27618         | 61     | 26973         | 61     | 25252         | 60     | 23549         | 60     | 21371         | 59     | 18756         | 58     | 15477         | 57     |               |        |               |        |               |        |               |        |
| 30    | 538 | 17170                        | 8.34   | 16850         | 8.14   | 16490         | 7.91   | 15503         | 7.32   | 14533         | 6.76   | 13349         | 6.11   | 11964         | 5.41   | 10265         | 4.64   | 7979          | 3.78   |               |        |               |        |               |        |
|       |     | 29172                        | 62     | 28628         | 62     | 28016         | 61     | 26339         | 61     | 24692         | 60     | 22680         | 60     | 20326         | 59     | 17441         | 58     | 13556         | 56     |               |        |               |        |               |        |
|       | 549 | 17705                        | 8.98   | 17393         | 8.78   | 17059         | 8.56   | 16123         | 7.96   | 15218         | 7.41   | 14090         | 6.75   | 12829         | 6.07   | 11335         | 5.32   | 9419          | 4.47   | 6265          | 3.46   |               |        |               |        |
|       |     | 30080                        | 62     | 29550         | 62     | 28984         | 62     | 27393         | 61     | 25855         | 61     | 23939         | 60     | 21796         | 59     | 19258         | 59     | 16003         | 58     | 10644         | 56     |               |        |               |        |
| 35    | 560 | 18253                        | 9.67   | 17950         | 9.46   | 17638         | 9.24   | 16750         | 8.65   | 15864         | 8.08   | 14829         | 7.44   | 13617         | 6.73   | 12274         | 6.01   | 10639         | 5.21   | 8300          | 4.27   |               |        |               |        |
|       |     | 31011                        | 63     | 30497         | 63     | 29967         | 62     | 28458         | 62     | 26953         | 61     | 25195         | 61     | 23136         | 60     | 20853         | 59     | 18076         | 58     | 14102         | 57     |               |        |               |        |
|       | 571 | 18793                        | 10.4   | 18502         | 10.2   | 18187         | 9.94   | 17341         | 9.35   | 16506         | 8.78   | 15491         | 8.12   | 14389         | 7.44   | 13154         | 6.72   | 11702         | 5.95   | 9807          | 5.06   | 6949          | 4.01   |               |        |
|       |     | 31930                        | 63     | 31435         | 63     | 30899         | 63     | 29462         | 62     | 28043         | 62     | 26319         | 61     | 24447         | 61     | 22349         | 60     | 19882         | 59     | 16662         | 58     | 11806         | 57     |               |        |
| 40    | 582 | 19337                        | 11.1   | 19048         | 10.9   | 18757         | 10.7   | 17933         | 10.1   | 17111         | 9.50   | 16185         | 8.86   | 15129         | 8.17   | 13961         | 7.44   | 12652         | 6.69   | 11004         | 5.83   | 8883          | 4.89   |               |        |
|       |     | 32853                        | 64     | 32363         | 64     | 31868         | 63     | 30468         | 63     | 29072         | 63     | 27498         | 62     | 25705         | 62     | 23720         | 61     | 21495         | 60     | 18695         | 59     | 15093         | 58     |               |        |
|       | 593 | 19858                        | 11.9   | 19597         | 11.7   | 19288         | 11.5   | 18493         | 10.8   | 17725         | 10.3   | 16808         | 9.60   | 15829         | 8.92   | 14742         | 8.20   | 13514         | 7.44   | 12049         | 6.60   | 10287         | 5.71   |               |        |
|       |     | 33738                        | 64     | 33295         | 64     | 32771         | 64     | 31419         | 64     | 30114         | 63     | 28556         | 63     | 26893         | 62     | 25047         | 62     | 22960         | 61     | 20471         | 60     | 17477         | 59     |               |        |
| 45    | 604 | 20386                        | 12.7   | 20078         | 12.4   | 19782         | 12.2   | 19006         | 11.6   | 18278         | 11.0   | 17450         | 10.4   | 16513         | 9.70   | 15496         | 8.99   | 14349         | 8.23   | 13028         | 7.41   | 11477         | 6.54   | 8533          | 5.18   |
|       |     | 34636                        | 65     | 34112         | 65     | 33609         | 65     | 32291         | 64     | 31055         | 64     | 29648         | 63     | 28055         | 63     | 26328         | 62     | 24379         | 62     | 22134         | 61     | 19499         | 60     | 14497         | 59     |
|       | 615 | 20908                        | 13.5   | 20650         | 13.3   | 20375         | 13.1   | 19630         | 12.5   | 18910         | 11.9   | 18071         | 11.2   | 17187         | 10.5   | 16216         | 9.80   | 15135         | 9.04   | 13898         | 8.22   | 12526         | 7.38   | 10085         | 6.09   |
|       |     | 35522                        | 65     | 35085         | 65     | 34617         | 65     | 33351         | 65     | 32128         | 64     | 30702         | 64     | 29200         | 63     | 27551         | 63     | 25714         | 62     | 23613         | 62     | 21281         | 61     | 17135         | 60     |

Prestaciones de acuerdo con ANSI/AMCA 210-16 Figura 12 Instalación C sin ducto a la succión con ducto a la descarga .

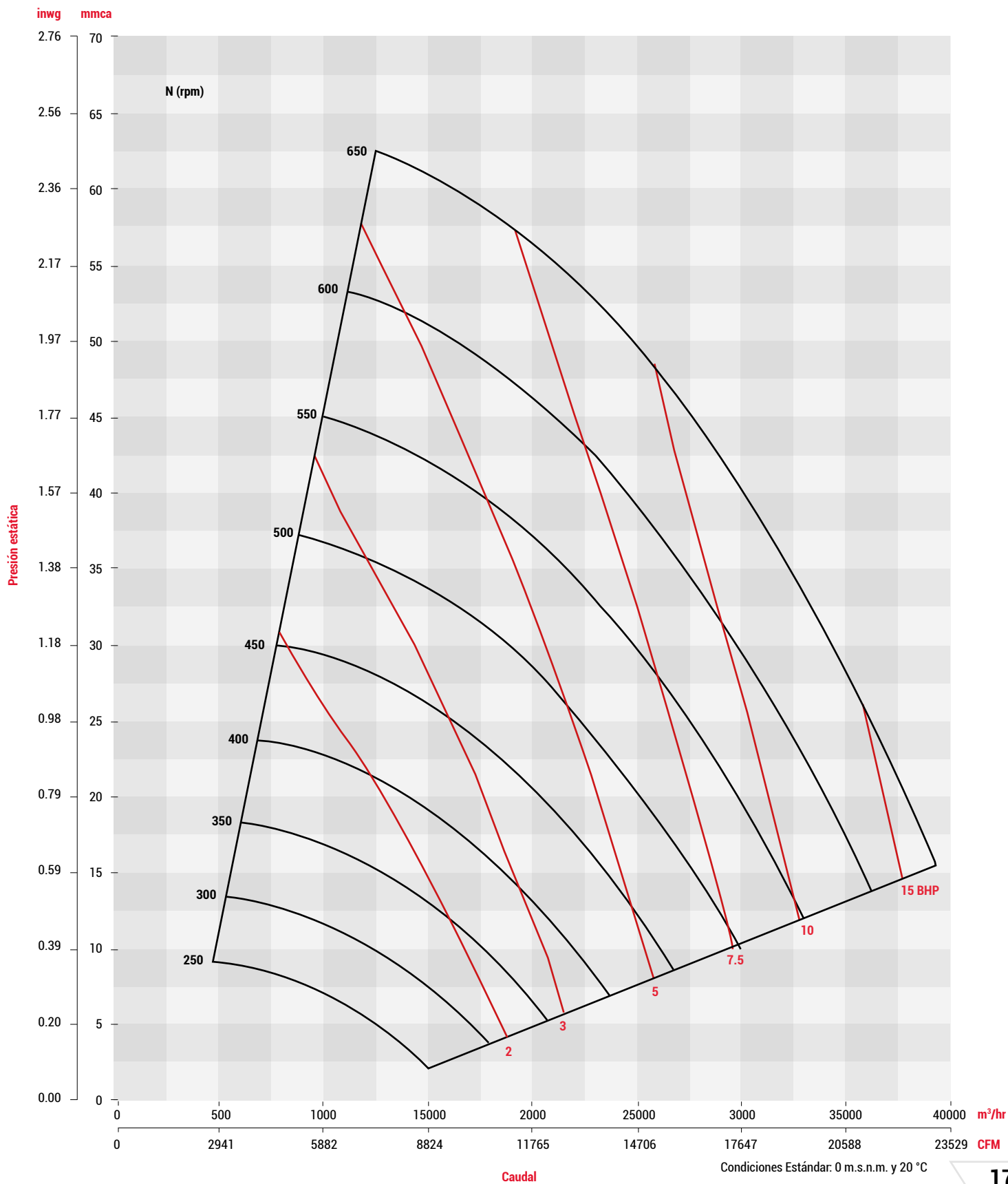
Los valores de Potencia no incluyen pérdidas por transmisión .

Los datos de caudal y presión NO incluyen pérdidas de carga de los Filtros metálicos y Plisado MERV - 7 .

Los datos de Sonido fueron obtenidos de acuerdo con ANSI/AMCA Standard 301-22 y ANSI/AMCA Standard 300-14 Figura 3 Instalación C sin ducto a la succión con ducto a la descarga .

Nota: Si la aplicación del equipo es para Exterior cuidar que la velocidad del aire no rebase 600ft/min ó 3 m/s para evitar arrastre de agua.

## CURVA CDA 25/25





## CDA 30/28

## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 778 mm (30 5/8 inch)

Diámetro del eje: 41.275 mm (1 5/8 inch)

Área de salida: 0.7846 m (8.443 ft)

BHP máximos: 18.3

Armazón máximo de motor: 256T

RPM máximas: 550

Peso aproximado del equipo: 418 Kgs (922 Lbs)

| HP    | RPM | PRESIÓN ESTÁTICA mmca / inwg |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|-------|-----|------------------------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|
|       |     | 22.90mm/0.90"                |        | 24.10mm/0.95" |        | 25.40mm/1.00" |        | 26.70mm/1.05" |        | 27.90mm/1.10" |        | 31.20mm/1.23" |        | 34.50mm/1.36" |        | 37.80mm/1.49" |        | 41.10mm/1.62" |        | 44.50mm/1.75" |        | 47.80mm/1.88" |        | 51.10mm/2.01" |        |
|       |     | CFM                          | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    | CFM           | BHP    |
|       |     | M³/HR                        | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) | M³/HR         | dB (A) |
| 5     | 333 | 12907                        | 3.10   | 10823         | 2.55   |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 21929                        | 56     | 18388         | 54     |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       | 340 | 14356                        | 3.65   | 12801         | 3.19   | 10479         | 2.57   |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 24391                        | 57     | 21749         | 56     | 17803         | 54     |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       | 347 | 15607                        | 4.20   | 14358         | 3.79   | 12626         | 3.26   | 9889          | 2.53   |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
| 7 1/2 |     | 26516                        | 59     | 24395         | 58     | 21452         | 56     | 16802         | 54     |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       | 354 | 16791                        | 4.78   | 15742         | 4.40   | 14331         | 3.92   | 12471         | 3.34   | 9784          | 2.61   |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 28528                        | 60     | 26745         | 59     | 24348         | 58     | 21188         | 57     | 16623         | 54     |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       | 361 | 17862                        | 5.35   | 16868         | 4.97   | 15731         | 4.55   | 14220         | 4.02   | 12493         | 3.47   |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 30347                        | 61     | 28659         | 60     | 26727         | 59     | 24160         | 58     | 21226         | 57     |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
| 10    | 368 | 18815                        | 5.93   | 17985         | 5.58   | 16911         | 5.15   | 16327         | 4.92   | 14275         | 4.18   |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 31966                        | 61     | 30557         | 61     | 28731         | 60     | 27739         | 60     | 24253         | 58     |               |        |               |        |               |        |               |        |               |        |               |        |               |        |
|       | 375 | 19781                        | 6.54   | 18986         | 6.19   | 18007         | 5.77   | 16994         | 5.35   | 15789         | 4.88   | 10779         | 3.22   |               |        |               |        |               |        |               |        |               |        |               |        |
|       |     | 33608                        | 62     | 32257         | 62     | 30594         | 61     | 28873         | 60     | 26825         | 60     | 18314         | 56     |               |        |               |        |               |        |               |        |               |        |               |        |
|       | 382 | 20632                        | 7.15   | 19911         | 6.80   | 19074         | 6.42   | 18089         | 5.99   | 17079         | 5.56   | 13233         | 4.12   |               |        |               |        |               |        |               |        |               |        |               |        |
| 15    |     | 35054                        | 63     | 33829         | 62     | 32407         | 62     | 30733         | 61     | 29018         | 61     | 22483         | 58     |               |        |               |        |               |        |               |        |               |        |               |        |
|       | 389 | 21513                        | 7.80   | 20848         | 7.46   | 20046         | 7.08   | 19127         | 6.64   | 18281         | 6.26   | 15079         | 4.94   | 7896          | 2.68   |               |        |               |        |               |        |               |        |               |        |
|       |     | 36551                        | 63     | 35421         | 63     | 34059         | 62     | 32496         | 62     | 31059         | 62     | 25620         | 60     | 13416         | 54     |               |        |               |        |               |        |               |        |               |        |
|       | 396 | 22329                        | 8.45   | 21709         | 8.13   | 20961         | 7.74   | 20155         | 7.34   | 19313         | 6.93   | 16635         | 5.73   | 12060         | 4.01   |               |        |               |        |               |        |               |        |               |        |
|       |     | 37937                        | 64     | 36884         | 64     | 35612         | 63     | 34243         | 63     | 32812         | 62     | 28263         | 61     | 20490         | 58     |               |        |               |        |               |        |               |        |               |        |
| 20    | 403 | 23108                        | 9.12   | 22530         | 8.80   | 21830         | 8.42   | 21077         | 8.03   | 20324         | 7.64   | 17890         | 6.47   | 14296         | 4.96   |               |        |               |        |               |        |               |        |               |        |
|       |     | 39261                        | 64     | 38279         | 64     | 37089         | 64     | 35810         | 63     | 34530         | 63     | 30395         | 62     | 24289         | 59     |               |        |               |        |               |        |               |        |               |        |
|       | 410 | 23915                        | 9.84   | 23319         | 9.50   | 22701         | 9.14   | 21975         | 8.74   | 21283         | 8.37   | 19122         | 7.26   | 16150         | 5.89   | 10497         | 3.78   |               |        |               |        |               |        |               |        |
|       |     | 40632                        | 65     | 39619         | 65     | 38569         | 64     | 37335         | 64     | 36159         | 64     | 32489         | 63     | 27439         | 61     | 17834         | 57     |               |        |               |        |               |        |               |        |
|       | 417 | 24645                        | 10.6   | 24137         | 10.2   | 23486         | 9.86   | 22841         | 9.48   | 22202         | 9.11   | 20157         | 8.00   | 17598         | 6.73   | 13592         | 5.02   |               |        |               |        |               |        |               |        |
| 25    |     | 41872                        | 65     | 41009         | 65     | 39903         | 65     | 38807         | 65     | 37721         | 64     | 34246         | 63     | 29899         | 62     | 23092         | 59     |               |        |               |        |               |        |               |        |
|       | 424 | 25393                        | 11.3   | 24898         | 11.0   | 24291         | 10.6   | 23663         | 10.2   | 23072         | 9.87   | 21213         | 8.80   | 18895         | 7.57   | 15636         | 6.04   | 8012          | 3.30   |               |        |               |        |               |        |
|       |     | 43142                        | 66     | 42302         | 66     | 41271         | 66     | 40204         | 65     | 39200         | 65     | 36041         | 64     | 32103         | 63     | 26566         | 61     | 13612         | 56     |               |        |               |        |               |        |
|       | 431 | 26132                        | 12.1   | 25651         | 11.8   | 25086         | 11.4   | 24480         | 11.0   | 23938         | 10.7   | 22191         | 9.61   | 20059         | 8.41   | 17250         | 6.97   | 12599         | 4.97   |               |        |               |        |               |        |
|       |     | 44399                        | 66     | 43581         | 66     | 42621         | 66     | 41592         | 66     | 40670         | 66     | 37702         | 65     | 34080         | 64     | 29308         | 62     | 21406         | 59     |               |        |               |        |               |        |
| 30    | 438 | 26864                        | 12.9   | 26371         | 12.6   | 25843         | 12.2   | 25275         | 11.8   | 24743         | 11.5   | 23115         | 10.4   | 21156         | 9.26   | 18720         | 7.93   | 15191         | 6.22   |               |        |               |        |               |        |
|       |     | 45642                        | 67     | 44805         | 67     | 43908         | 66     | 42942         | 66     | 42039         | 66     | 39272         | 65     | 35944         | 64     | 31805         | 63     | 25809         | 61     |               |        |               |        |               |        |
|       | 445 | 27566                        | 13.7   | 27084         | 13.4   | 26592         | 13.0   | 26064         | 12.7   | 25519         | 12.3   | 23980         | 11.3   | 22155         | 10.1   | 19968         | 8.83   | 16943         | 7.24   | 11284         | 4.79   |               |        |               |        |
|       |     | 46834                        | 67     | 46016         | 67     | 45180         | 67     | 44283         | 67     | 43356         | 66     | 40742         | 66     | 37641         | 65     | 33926         | 64     | 28787         | 62     | 19171         | 59     |               |        |               |        |
|       | 452 | 28237                        | 14.6   | 27802         | 14.2   | 27312         | 13.9   | 26795         | 13.5   | 26001         | 13.2   | 24870         | 12.2   | 23181         | 11.0   | 21166         | 9.78   | 18535         | 8.28   | 14584         | 6.33   |               |        |               |        |
| 40    |     | 47975                        | 68     | 47236         | 67     | 46403         | 67     | 45525         | 67     | 44176         | 67     | 42254         | 66     | 39384         | 66     | 35961         | 65     | 31491         | 64     | 24779         | 61     |               |        |               |        |
|       | 459 | 28948                        | 15.5   | 28530         | 15.1   | 28036         | 14.8   | 27549         | 14.4   | 27089         | 14.1   | 25701         | 13.0   | 24097         | 11.9   | 22200         | 10.7   | 19888         | 9.28   | 16657         | 7.52   | 10299         | 4.75   |               |        |
|       |     | 49183                        | 68     | 48472         | 68     | 47633         | 68     | 46805         | 68     | 46025         | 67     | 43666         | 67     | 40940         | 66     | 37718         | 66     | 33789         | 64     | 28301         | 63     | 17498         | 58     |               |        |
|       | 466 | 29614                        | 16.4   | 29226         | 16.1   | 28770         | 15.7   | 28288         | 15.3   | 27815         | 14.9   | 26491         | 13.9   | 24966         | 12.8   | 23256         | 11.7   | 21147         | 10.3   | 18414         | 8.68   | 14164         | 6.52   |               |        |
|       |     | 50315                        | 68     | 49655         | 68     | 48880         | 68     | 48062         | 68     | 47258         | 68     | 45008         | 67     | 42418         | 67     | 39512         | 66     | 35929         | 65     | 31285         | 64     | 24064         | 61     |               |        |
| 50    | 473 | 30281                        | 17.2   | 29899         | 17.0   | 29468         | 16.6   | 28982         | 16.2   | 28577         | 15.9   | 27231         | 14.8   | 25843         | 13.8   | 24231         | 12.6   | 22291         | 11.3   | 19837         | 9.75   | 16568         | 7.91   | 9136          | 4.65   |
|       |     | 51448                        | 69     | 50798         | 69     | 50066         | 69     | 49241         | 68     | 48552         | 68     | 46265         | 68     | 43908         | 67     | 41169         | 67     | 37873         | 66     | 33703         | 65     | 28149         | 63     | 15522         | 58     |
|       | 480 | 30975                        | 18.3   | 30567         | 18.0   | 30152         | 17.6   | 29705         | 17.2   | 29270         | 16.8   | 28064         | 15.9   | 26680         | 14.8   | 25151         | 13.6   | 23387         | 12.3   | 21183         | 10.9   | 18337         | 9.12   | 13766         | 6.73   |
|       |     | 52626                        | 69     | 51934         | 69     | 51228         | 69     | 50469         | 69     | 49729         | 69     | 47681         | 68     | 45330         | 68     | 42731         | 67     | 39735         | 67     | 35990         | 66     | 31155         | 64     | 23388         | 62     |
|       |     |                              |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |               |        |

Prestaciones de acuerdo con ANSI/AMCA 210-16 Figura 12 Instalación C sin ducto a la succión con ducto a la descarga .

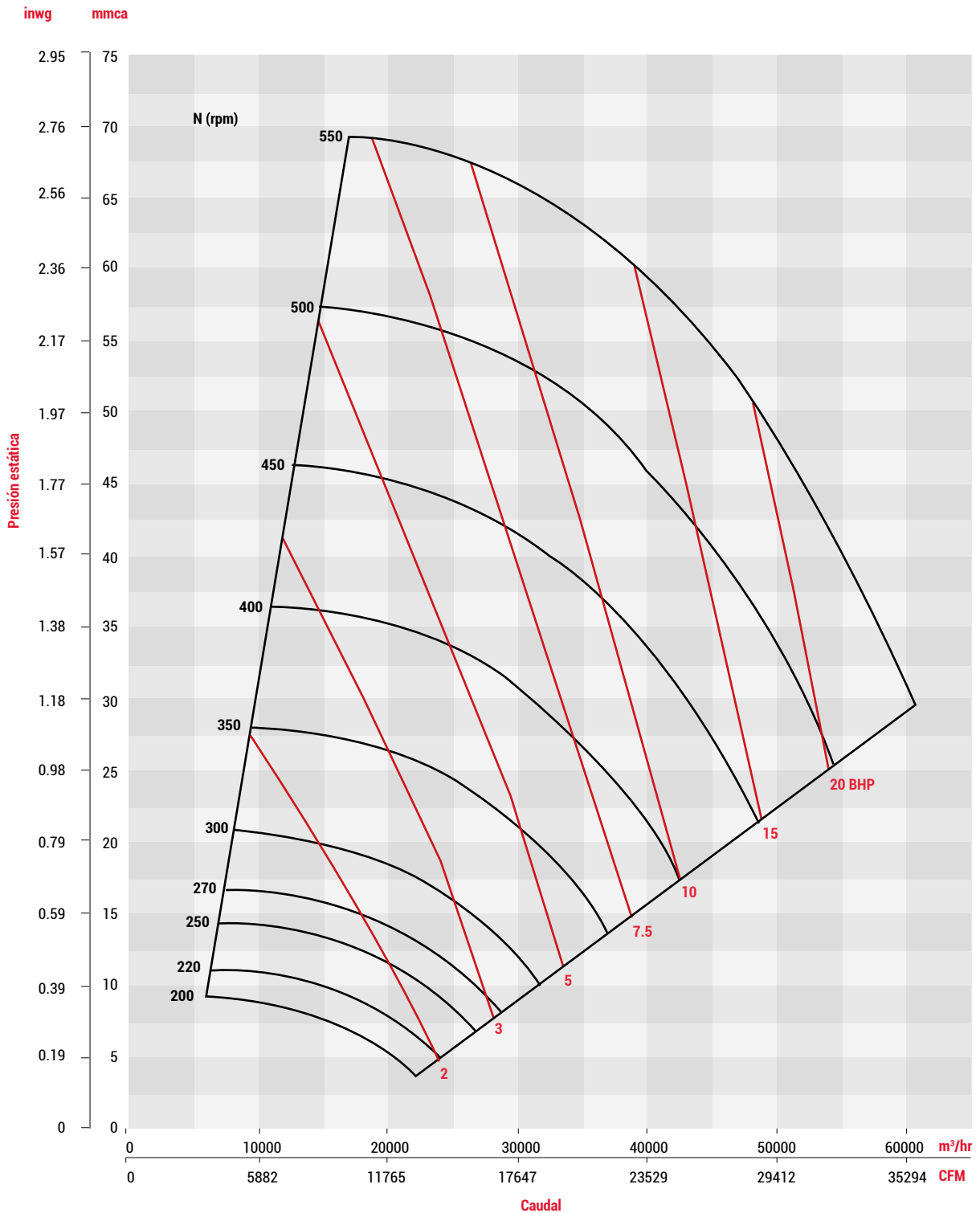
Los valores de Potencia no incluyen pérdidas por transmisión .

Los datos de caudal y presión NO incluyen pérdidas de carga de los Filtros metálicos y Plisado MERV - 7 .

Los datos de Sonido fueron obtenidos de acuerdo con ANSI/AMCA Standard 301-22 y ANSI/AMCA Standard 300-14 Figura 3 Instalación C sin ducto a la succión con ducto a la descarga .

Nota: Si la aplicación del equipo es para Exterior cuidar que la velocidad del aire no rebase 600ft/min ó 3 m/s para evitar arrastre de agua.

## CURVA CDA 30/28



Condiciones Estándar: 0 m.s.n.m. y 20 °C



## CDA 36/36

## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 898 mm (35 3/8 inch)

Diámetro del eje: 57.15 mm (2 1/4 inch)

Área de salida: 1.277 m (13.74 ft)

BHP máximos: 30

Armazón máximo de motor: 286T

RPM máximas: 400

Peso aproximado del equipo: 570 Kgs (1254 Lbs)

| HP    | RPM | PRESIÓN ESTÁTICA mmca / inwg |        |               |        |                |        |                |        |                |        |                |        |                |        |                |        |                |        |
|-------|-----|------------------------------|--------|---------------|--------|----------------|--------|----------------|--------|----------------|--------|----------------|--------|----------------|--------|----------------|--------|----------------|--------|
|       |     | 6.35mm/0.250"                |        | 9.53mm/0.375" |        | 12.70mm/0.500" |        | 19.05mm/0.750" |        | 22.22mm/0.875" |        | 25.40mm/1.000" |        | 28.57mm/1.125" |        | 31.75mm/1.250" |        | 34.92mm/1.375" |        |
|       |     | CFM                          | BHP    | CFM           | BHP    | CFM            | BHP    | CFM            | BHP    | CFM            | BHP    | CFM            | BHP    | CFM            | BHP    | CFM            | BHP    | CFM            | BHP    |
|       |     | M³/HR                        | dB (A) | M³/HR         | dB (A) | M³/HR          | dB (A) | M³/HR          | dB (A) | M³/HR          | dB (A) | M³/HR          | dB (A) | M³/HR          | dB (A) | M³/HR          | dB (A) | M³/HR          | dB (A) |
| 3     | 180 | 20199                        | 2.81   | 15840         | 1.99   |                |        |                |        |                |        |                |        |                |        |                |        |                |        |
|       |     | 34318                        | 78     | 26912         | 71.8   |                |        |                |        |                |        |                |        |                |        |                |        |                |        |
| 5     | 200 | 23219                        | 4.12   | 21394         | 3.58   | 16463          | 2.55   |                |        |                |        |                |        |                |        |                |        |                |        |
|       |     | 39450                        | 82     | 36349         | 78     | 27971          | 74     |                |        |                |        |                |        |                |        |                |        |                |        |
|       | 210 | 24674                        | 4.87   | 23133         | 4.31   | 18778          | 3.23   |                |        |                |        |                |        |                |        |                |        |                |        |
|       |     | 41921                        | 84     | 39303         | 80     | 31904          | 75     |                |        |                |        |                |        |                |        |                |        |                |        |
| 7 1/2 | 220 | 26104                        | 5.76   | 25049         | 5.33   | 22724          | 4.64   |                |        |                |        |                |        |                |        |                |        |                |        |
|       |     | 44351                        | 85     | 42558         | 83.8   | 38607          | 80     |                |        |                |        |                |        |                |        |                |        |                |        |
|       | 230 | 27516                        | 6.71   | 27008         | 6.55   | 24540          | 5.43   |                |        |                |        |                |        |                |        |                |        |                |        |
|       |     | 46750                        | 86     | 45887         | 86.1   | 41694          | 81     |                |        |                |        |                |        |                |        |                |        |                |        |
| 10    | 240 | 28913                        | 7.74   | 28219         | 7.39   | 27336          | 7.04   | 16889          | 3.55   |                |        |                |        |                |        |                |        |                |        |
|       |     | 49123                        | 87     | 47945         | 87.1   | 46444          | 85     | 28695          | 77     |                |        |                |        |                |        |                |        |                |        |
|       | 250 | 30297                        | 8.87   | 29716         | 8.57   | 28672          | 7.98   | 19421          | 4.43   |                |        |                |        |                |        |                |        |                |        |
|       |     | 51474                        | 89     | 50487         | 88     | 48713          | 87.3   | 32996          | 79     |                |        |                |        |                |        |                |        |                |        |
| 15    | 260 | 31671                        | 10.1   | 30788         | 9.5    | 30057          | 9.07   | 23575          | 6.16   | 17926          | 4.37   |                |        |                |        |                |        |                |        |
|       |     | 53808                        | 90     | 52308         | 89.2   | 51068          | 89     | 40054          | 82     | 30456          | 79     |                |        |                |        |                |        |                |        |
|       | 270 | 33036                        | 11.4   | 32050         | 10.7   | 31239          | 10.1   | 27936          | 8.58   | 21685          | 5.89   |                |        |                |        |                |        |                |        |
|       |     | 56128                        | 91     | 54453         | 90     | 53076          | 89.9   | 47463          | 85     | 36842          | 81     |                |        |                |        |                |        |                |        |
| 20    | 280 | 34394                        | 12.9   | 33565         | 12.2   | 33153          | 12.0   | 29759          | 9.83   | 25456          | 7.75   | 20621          | 5.96   |                |        |                |        |                |        |
|       |     | 58435                        | 92     | 57027         | 91.4   | 56327          | 91.3   | 50561          | 86     | 43250          | 84     | 35036          | 82     |                |        |                |        |                |        |
|       | 290 | 35746                        | 14.4   | 34862         | 13.6   | 33883          | 12.8   | 33118          | 13.5   | 27836          | 9.17   | 24330          | 7.80   |                |        |                |        |                |        |
|       |     | 60732                        | 93     | 59230         | 92     | 57567          | 92     | 56268          | 90     | 47293          | 86     | 41336          | 84     |                |        |                |        |                |        |
| 30    | 300 | 37092                        | 16.0   | 36407         | 15.5   | 35798          | 14.8   | 34448          | 13.9   | 31712          | 12.0   | 27572          | 9.71   | 23643          | 8.05   |                |        |                |        |
|       |     | 63020                        | 94     | 61855         | 93     | 60821          | 93     | 58527          | 91.9   | 53878          | 88     | 46845          | 86     | 40170          | 84     |                |        |                |        |
|       | 310 | 38434                        | 17.8   | 37631         | 17.0   | 37014          | 16.4   | 35798          | 15.5   | 35116          | 15.1   | 29900          | 11.3   | 27001          | 10.1   | 21798          | 7.64   |                |        |
|       |     | 65299                        | 95     | 63935         | 94     | 62886          | 94.1   | 60821          | 93.5   | 59662          | 91     | 50800          | 88     | 45875          | 86     | 37034          | 84     |                |        |
| 350   | 320 | 39771                        | 19.7   | 39003         | 18.8   | 38172          | 18.0   | 37265          | 17.3   | 36726          | 17.0   | 33773          | 14.5   | 29850          | 12.0   | 25260          | 9.63   |                |        |
|       |     | 67571                        | 96     | 66266         | 95     | 64854          | 95     | 63313          | 94.8   | 62398          | 93     | 57381          | 90     | 50715          | 88     | 42916          | 86     |                |        |
|       | 330 | 41105                        | 21.7   | 40368         | 20.9   | 39576          | 19.9   | 38759          | 19.3   | 38295          | 19.0   | 37197          | 18.0   | 32095          | 13.8   | 29664          | 12.7   |                |        |
|       |     | 69837                        | 96     | 68585         | 96     | 67240          | 96     | 65851          | 95.7   | 65063          | 95     | 63197          | 93     | 54530          | 90     | 50400          | 88     |                |        |
| 350   | 340 | 42435                        | 23.9   | 41727         | 23.0   | 40970          | 22.0   | 40128          | 21.3   | 39829          | 21.2   | 38819          | 20.2   | 35928          | 17.5   | 32231          | 14.7   | 29235          | 13.1   |
|       |     | 72097                        | 97     | 70894         | 97     | 69608          | 97     | 68178          | 96.6   | 67670          | 97     | 65953          | 95     | 61041          | 92     | 54760          | 89     | 49671          | 88     |
|       | 350 | 43763                        | 26.1   | 43081         | 25.2   | 42355          | 24.3   | 41640          | 23.7   | 40879          | 22.5   | 39860          | 21.6   | 39016          | 21.0   | 35430          | 17.8   | 32317          | 15.6   |
|       |     | 74353                        | 98     | 73194         | 98     | 71961          | 98     | 70746          | 98     | 69454          | 98     | 67722          | 96     | 66288          | 94     | 60196          | 92     | 54907          | 90     |

Prestaciones de acuerdo con ANSI/AMCA 210-16 Figura 12 Instalación C sin ducto a la succión con ducto a la descarga.

Los valores de Potencia no incluyen pérdidas por transmisión.

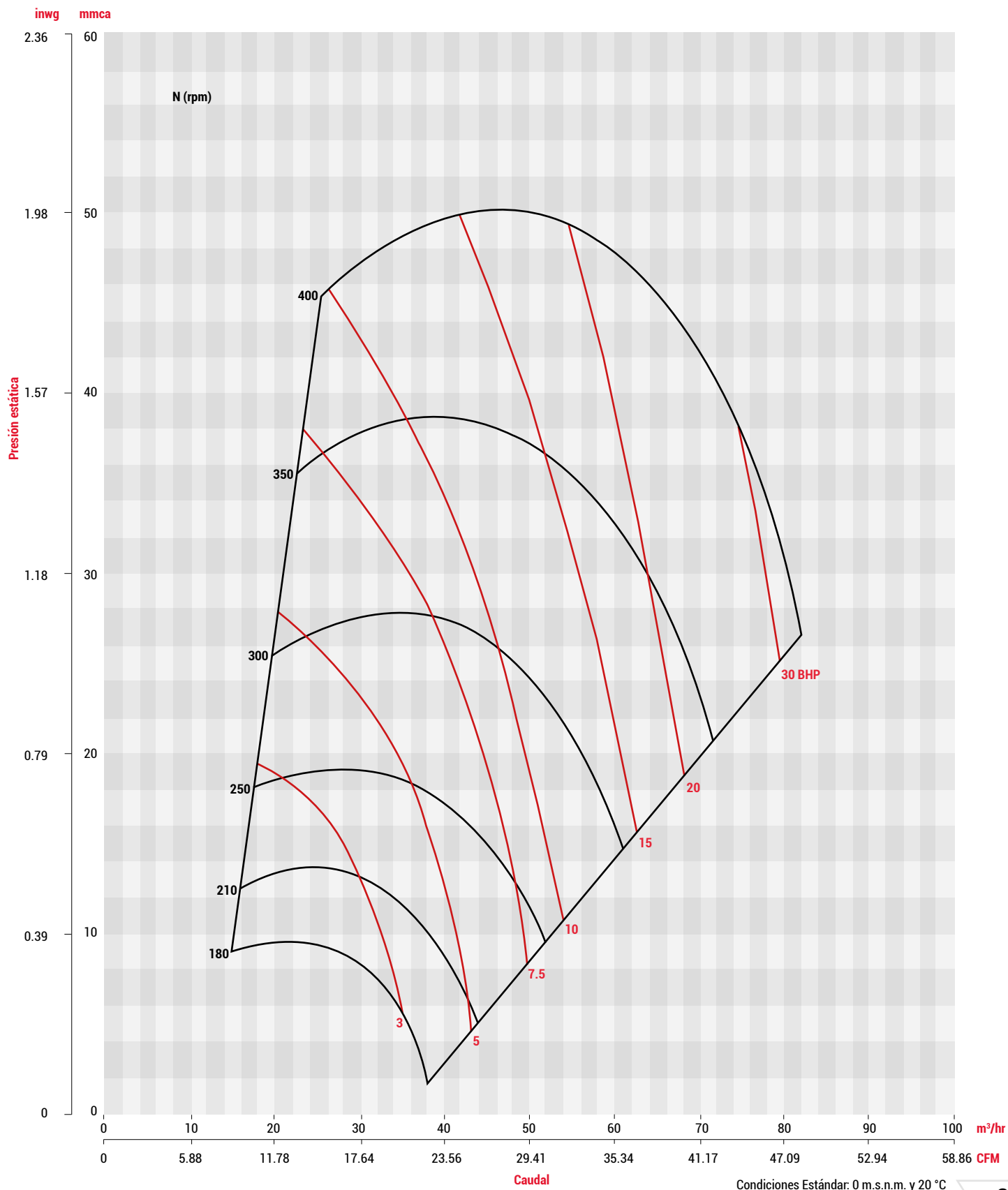
Los datos de caudal y presión NO incluyen pérdidas de carga de los Filtros metálicos y Plisado MERV - 7.

Los datos de Sonido fueron obtenidos de acuerdo con ANSI/AMCA Standard 301-22 y ANSI/AMCA Standard 300-14 Figura 3 Instalación C sin ducto a la succión con ducto a la descarga.

Nota: Si la aplicación del equipo es para Exterior cuidar que la velocidad del aire no rebase 600ft/min ó 3 m/s para evitar arrastre de agua.

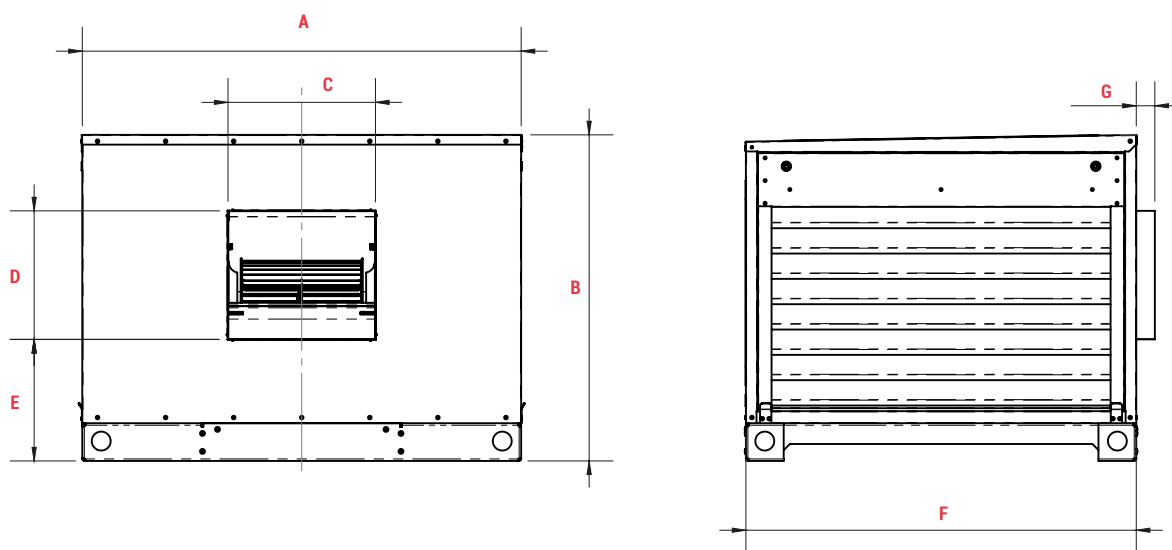


## CURVA CDA 36/36



**DIMENSIONES CDAFH**

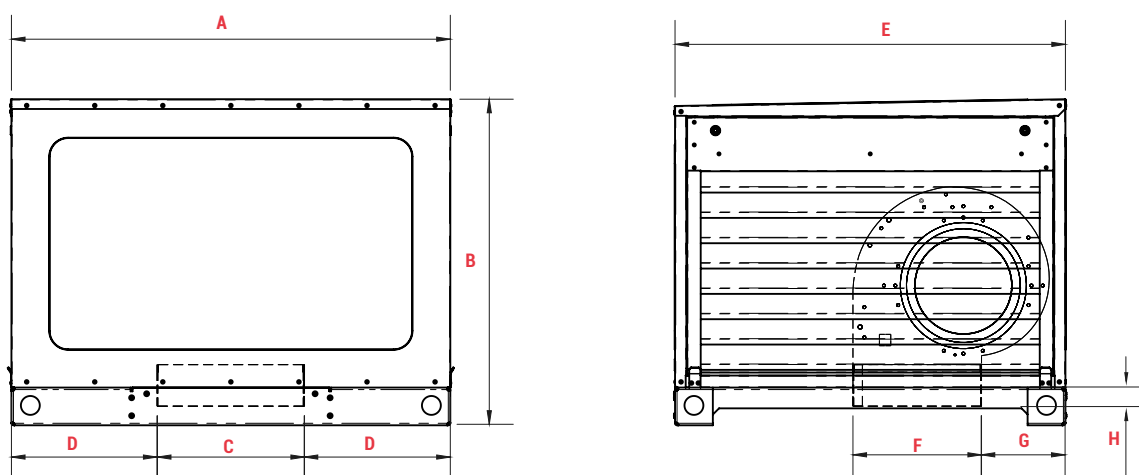
MODELOS DEL 9, 12, 18



| Modelo      | A    | B   | C   | D   | E   | F    | G  |
|-------------|------|-----|-----|-----|-----|------|----|
| CDAFH 9/9   | 1000 | 576 | 294 | 256 | 263 | 733  | 50 |
| CDAFH 12/12 | 1160 | 862 | 390 | 340 | 322 | 1032 | 50 |
| CDAFH 18/18 | 1640 | 932 | 549 | 478 | 397 | 1338 | 50 |

**DIMENSIONES CDAFV**

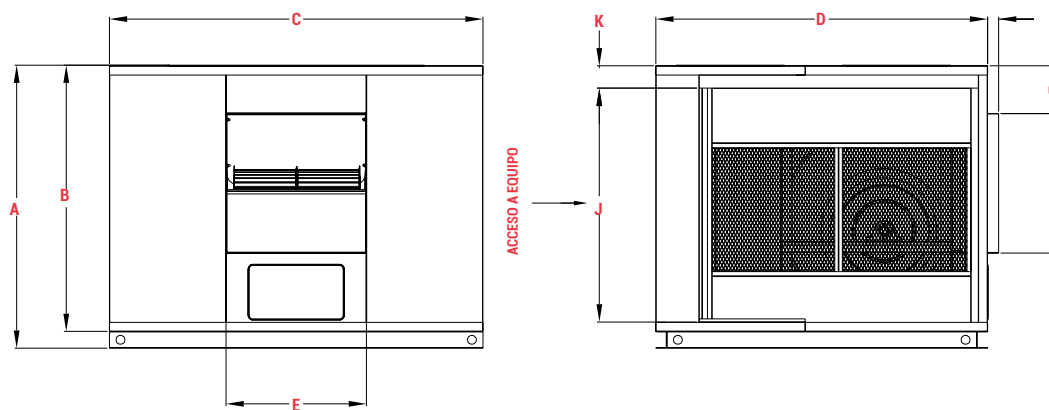
MODELOS DEL 9, 12, 18



| Modelo      | A    | B   | C   | D   | E    | F   | G   | H  |
|-------------|------|-----|-----|-----|------|-----|-----|----|
| CDAFV 9/9   | 1000 | 576 | 294 | 203 | 733  | 256 | 188 | 50 |
| CDAFV 12/12 | 1160 | 862 | 390 | 385 | 1032 | 340 | 220 | 50 |
| CDAFV 18/18 | 1640 | 932 | 549 | 523 | 1338 | 478 | 296 | 50 |

## DIMENSIONES CDAFH

MODELOS DEL 20/20 AL 25/25



| Modelo      | A    | B    | C    | D    | E   | F   | G   | H  | J    | K   | No. Puertas |
|-------------|------|------|------|------|-----|-----|-----|----|------|-----|-------------|
| CDAFH 20/20 | 1279 | 1203 | 1689 | 1500 | 634 | 630 | 216 | 49 | 1057 | 102 | 2           |
| CDAFH 22/22 | 1382 | 1503 | 2000 | 1700 | 695 | 706 | 429 | 49 | 1416 | 42  | 2           |
| CDAFH 25/25 | 1579 | 1503 | 2000 | 1802 | 797 | 804 | 299 | 49 | 1416 | 42  | 2           |

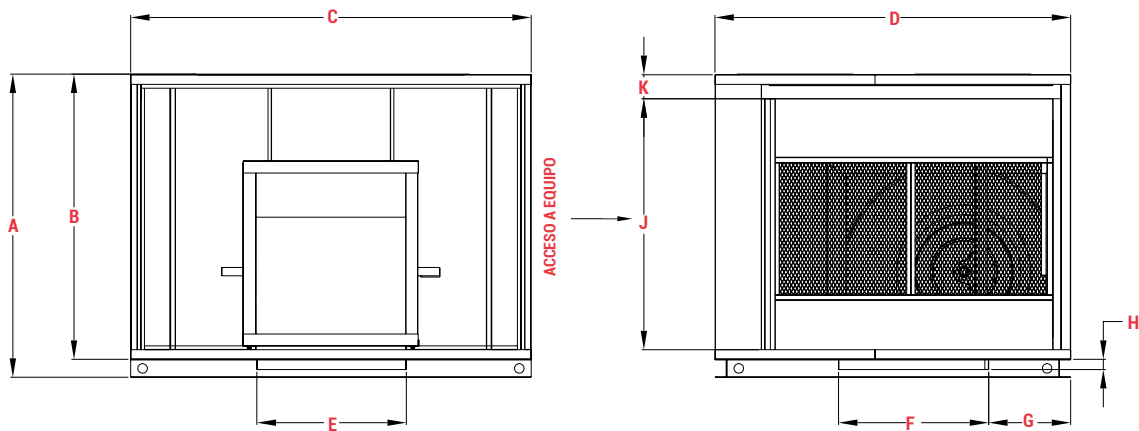
Dimensiones en mm.

| Modelo      | A       | B       | C      | D       | E        | F     | G      | H       | J      | K     | No. Puertas |
|-------------|---------|---------|--------|---------|----------|-------|--------|---------|--------|-------|-------------|
| CDAFH 20/20 | 50 3/8  | 47 3/8  | 66 1/2 | 59 1/16 | 24 15/16 | 24    | 8 1/2  | 1 15/16 | 41 5/8 | 4     | 2           |
| CDAFH 22/22 | 54 1/2  | 59 3/16 | 78 3/4 | 66      | 27 3/8   | 13/16 | 16 7/8 | 1 15/16 | 55 3/4 | 1 5/8 | 2           |
| CDAFH 25/25 | 62 3/16 | 59 3/16 | 78 3/4 | 15/16   | 31 5/8   | 27    | 11 3/4 | 1 15/16 | 55 3/4 | 1 5/8 | 2           |

Dimensiones en in.



DIMENSIONES CDAFV  
MODELOS DEL 20/20 AL 25/25



| Modelo      | A    | B    | C    | D    | E   | F   | G   | H  | J    | K   | No. Puertas |
|-------------|------|------|------|------|-----|-----|-----|----|------|-----|-------------|
| CDAFV 20/20 | 1279 | 1203 | 1689 | 1500 | 630 | 634 | 346 | 43 | 1057 | 102 | 2           |
| CDAFV 22/22 | 1382 | 1503 | 2000 | 1700 | 695 | 706 | 402 | 70 | 1416 | 42  | 2           |
| CDAFV 25/25 | 1579 | 1503 | 2000 | 1802 | 797 | 804 | 442 | 70 | 1416 | 42  | 2           |

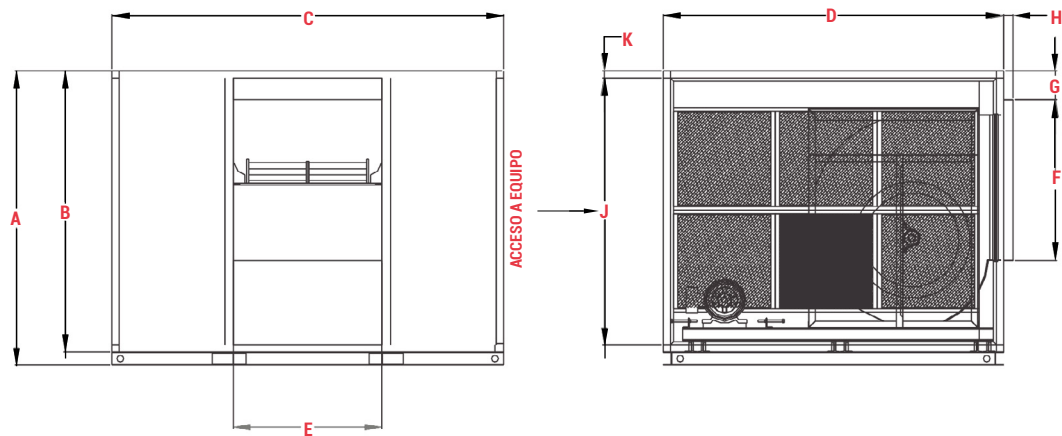
Dimensiones en mm.

| Modelo      | A       | B       | C      | D        | E        | F        | G        | H       | J      | K     | No. Puertas |
|-------------|---------|---------|--------|----------|----------|----------|----------|---------|--------|-------|-------------|
| CDAFV 20/20 | 50 3/8  | 47 3/8  | 66 1/2 | 59 1/16  | 24 13/16 | 24 15/16 | 13 5/8   | 1 11/16 | 41 5/8 | 4     | 2           |
| CDAFV 22/22 | 54 1/2  | 59 3/16 | 78 3/4 | 66 15/16 | 27 3/8   | 27 13/16 | 15 13/16 | 2 3/4   | 55 3/4 | 1 5/8 | 2           |
| CDAFV 25/25 | 62 3/16 | 59 3/16 | 78 3/4 | 71       | 31 3/8   | 31 5/8   | 17 3/8   | 2 3/4   | 55 3/4 | 1 5/8 | 2           |

Dimensiones en in.



DIMENSIONES CDAHF  
MODELOS DEL 30/28 AL 36/36



| Modelo      | A    | B    | C    | D    | E    | F    | G   | H  | J    | K  | No. Puertas |
|-------------|------|------|------|------|------|------|-----|----|------|----|-------------|
| CDAFH 30/28 | 1726 | 1650 | 2300 | 2153 | 872  | 944  | 170 | 55 | 1565 | 43 | 2           |
| CDAFH 36/36 | 2205 | 2100 | 2494 | 2650 | 1130 | 1134 | 200 | 67 | 2014 | 43 | 2           |

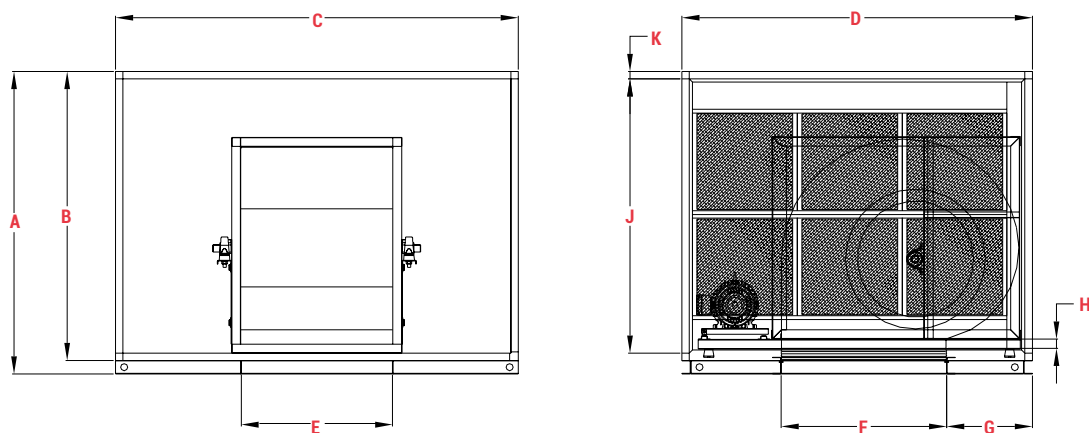
Dimensiones en mm.

| Modelo      | A        | B        | C       | D        | E       | F       | G       | H      | J       | K       | No. Puertas |
|-------------|----------|----------|---------|----------|---------|---------|---------|--------|---------|---------|-------------|
| CDAFH 30/28 | 67 15/16 | 64 15/16 | 90 9/16 | 84 3/4   | 34 5/16 | 37 3/16 | 6 11/16 | 2 3/16 | 61 5/8  | 1 11/16 | 2           |
| CDAFH 36/36 | 86 13/16 | 82 11/16 | 98 3/16 | 104 5/16 | 44 1/2  | 44 1/2  | 7 7/8   | 2 5/8  | 79 5/16 | 1 11/16 | 2           |

Dimensiones en in.

## DIMENSIONES CDAFV

MODELOS DEL 30/28 AL 36/36



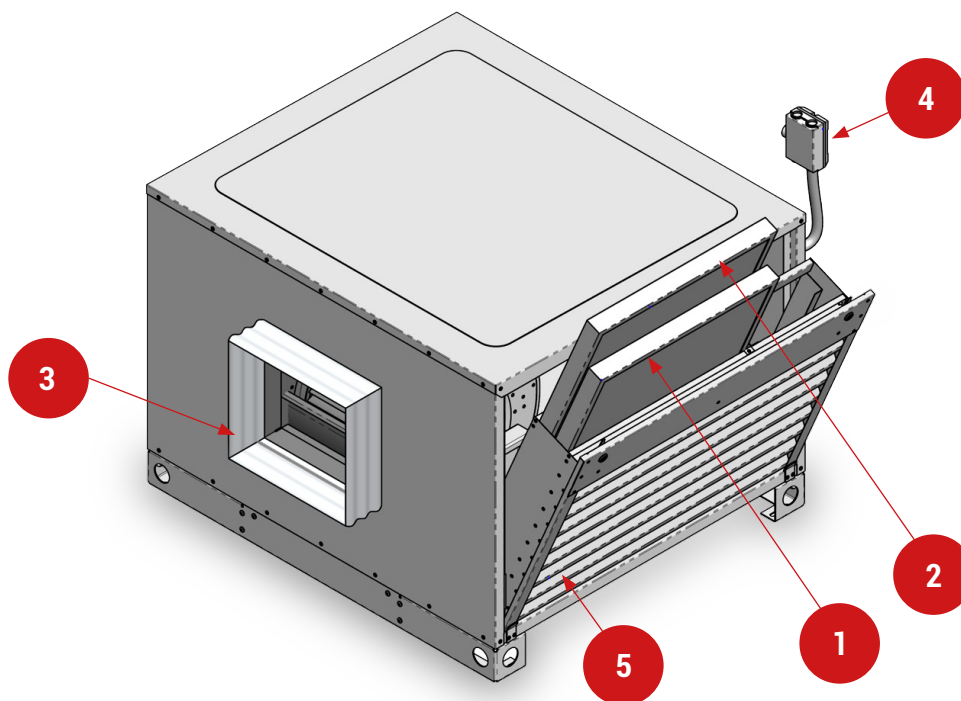
| Modelo      | A    | B    | C    | D    | E    | F    | G   | H  | J    | K  | No. Puertas |
|-------------|------|------|------|------|------|------|-----|----|------|----|-------------|
| CDAFV 30/28 | 1726 | 1650 | 2300 | 2153 | 864  | 945  | 489 | 54 | 1565 | 43 | 2           |
| CDAFV 36/36 | 2205 | 2100 | 2494 | 2650 | 1134 | 1137 | 600 | 67 | 2014 | 43 | 2           |

Dimensiones en mm.

| Modelo      | A        | B        | C       | D        | E      | F       | G      | H     | J       | K       | No. Puertas |
|-------------|----------|----------|---------|----------|--------|---------|--------|-------|---------|---------|-------------|
| CDAFV 30/28 | 67 15/16 | 64 15/16 | 90 9/16 | 84 3/4   | 34     | 37 3/16 | 19 1/4 | 2 1/8 | 61 5/8  | 1 11/16 | 2           |
| CDAFV 36/36 | 86 13/16 | 82 11/16 | 98 3/16 | 104 5/16 | 44 5/8 | 44 3/4  | 23 5/8 | 2 5/8 | 79 5/16 | 1 11/16 | 2           |

Dimensiones en in.

## ACCESORIOS

**1. Filtro metálico de aluminio**

Especiales para remover polvo, tierra u otros contaminantes y pueden ser operados a altas velocidades de aire (500 ppm) para aumentar la inercia de las partículas y su probabilidad de chocar con la fibra.

**Características principales:**

- Media filtrante de varias capas corrugadas de malla con hilos de aluminio.
- Marco de aluminio de 2" y galvanizado de 1", con orificios para desagüe.
- Protectores de aluminio desplegado de rombo grande, con marco.

**2. Filtro de panel plisado MERV7**

Ofrecen una excelente combinación entre eficiencia y baja caída de presión.

**Características principales:**

- Eficiencia mínima compuesta: 50 a 70% en partículas de 3.0 a 10.0 micrones.
- Pliegues radiales con media filtrante 100% sintética y bondeadas térmicamente, que no permiten el crecimiento microbial ya que no absorben humedad.
- Media filtrante laminada a una malla desplegada de metal corrosivo, la cual ayuda a mantener la rigidez y permite una mayor capacidad de retención de polvo.
- Marco blanco de cartón suajado y resistente a la humedad con doble pared, unido a la media en todos los puntos de contacto.

**3. Conector flexible de lona**

Accesorio recomendado para aislamiento de vibraciones en instalaciones. Fabricado con 45 mm de lámina galvanizada en cada extremo, con 75mm de lona de PVC. Excelentes propiedades mecánicas, con resistencia a la tensión. Temperatura de operación hasta 70°C.

**4. Interruptor**

Accesorios de gran alcance, hechos para el control y correcta manipulación de los equipos en la puesta en marcha y paro de los mismos, los cuales permiten mayor seguridad y mejor acceso a la conexión.

**5. Louver en succión**

Totalmente construido en lámina galvanizada, recubrimiento en acabado aluminio matizado y marco de sujeción exterior. Protegiendo el interior del equipo de la entrada de lluvia y objetos extraños; ofreciendo mínima resistencia al paso del aire.



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