



# MACCIMEX®



## Aplicaciones:

Proyección directa y localizada de aire en procesos industriales, presurización en conductos, torres de enfriamiento, extracción de humo, gases en estacionamientos, túneles, etc.

La serie XDP/A de Aero Extractores – Inyectores tubo axiales marca ATC en acoplamiento directo ha sido especialmente diseñada para aplicaciones industriales en conductos, disponibles en 36 modelos distintos con 4 diámetros de hélice de alabes en ángulo variable estandarizadas de 24", 30", 36" y 42" brindando caudales desde 9,000 hasta 52,000 m3/hr.

## Características principales:

- Carcaza tubular y bridas fabricadas en acero al carbón con acabado en pintura poliéster en polvo homeada.
- Hélice de aluminio inyectado ó polipropileno reforzado con fibra de vidrio de 7 alabes en ángulo variable balanceada dinámicamente, anti-chispa, altamente resistente a la corrosión.
- Accionado por acoplamiento directo a los motores eléctricos trifásicos de eficiencia premium en 4, 6 y 8 polos, diseñados bajo las especificaciones NEMA.

**NOMENCLATURA:** XDP / A - 6 - 42 / 30<sup>°</sup>

- |                   |                                       |
|-------------------|---------------------------------------|
| 1. Modelo         | 3. No de Polos del motor              |
| 2. Tipo de Hélice | 4. Diámetro de hélice en pulgadas     |
| P: Plástico       | 5. Grado de inclinación de los alabes |
| A: Aluminio       |                                       |

## ESPECIFICACIONES TÉCNICAS (PERFORMANCE DATA)

| MODELO<br>(MODEL) | CAUDAL @<br>DESCARGA LIBRE |                    | AMPERAJE (A) @ 60HZ.<br>3 FASES |      | POTENCIA<br>(HP) | RPM  | NIVEL<br>SONORO<br>dB (A)* | PESO APROX. |     |
|-------------------|----------------------------|--------------------|---------------------------------|------|------------------|------|----------------------------|-------------|-----|
|                   | CFM                        | M <sup>3</sup> /HR | 220V                            | 440V |                  |      |                            | Lb.         | Kg. |
| XDP/A-4-24/20°    | 6,350                      | 10,789             | 5.2                             | 2.6  | 1.5              | 1760 | 64                         | 64          | 29  |
| XDP/A-4-24/25°    | 7,970                      | 13,541             | 6.6                             | 3.3  | 2.0              | 1760 | 69                         | 66          | 30  |
| XDP/A-4-24/32.5°  | 10,500                     | 17,840             | 9.8                             | 4.9  | 3.0              | 1760 | 75                         | 101         | 46  |
| XDP/A-4-24/40°    | 12,800                     | 21,747             | 15.0                            | 7.5  | 5.0              | 1760 | 79                         | 106         | 48  |
| XDP/A-6-24/25°    | 5,250                      | 8,920              | 2.4                             | 1.2  | 1/2              | 1160 | 60                         | 46          | 21  |
| XDP/A-6-24/30°    | 6,360                      | 10,806             | 2.8                             | 1.4  | 3/4              | 1160 | 64                         | 53          | 24  |
| XDP/A-6-24/35°    | 7,500                      | 12,743             | 3.8                             | 1.9  | 1.0              | 1160 | 67                         | 57          | 26  |
| XDP/A-6-24/40°    | 8,440                      | 14,340             | 4.8                             | 2.4  | 1.5              | 1160 | 70                         | 90          | 41  |
| XDP/A-6-24/45°    | 9,200                      | 15,631             | 6.2                             | 3.1  | 2.0              | 1160 | 72                         | 92          | 42  |
| XDP/A-4-30/20°    | 10,500                     | 17,840             | 6.6                             | 3.3  | 2                | 1760 | 73                         | 90          | 41  |
| XDP/A-4-30/25°    | 13,600                     | 23,106             | 9.8                             | 4.9  | 3                | 1760 | 78                         | 126         | 57  |
| XDP/A-4-30/30°    | 16,700                     | 28,373             | 15.0                            | 7.5  | 5                | 1760 | 83                         | 130         | 59  |
| XDP/A-4-30/32.5°  | 18,400                     | 31,262             | 15.0                            | 7.5  | 5                | 1760 | 85                         | 130         | 59  |
| XDP/A-6-30/20°    | 6,900                      | 11,723             | 2.8                             | 1.4  | 3/4              | 1160 | 64                         | 77          | 35  |
| XDP/A-6-30/25°    | 8,950                      | 15,206             | 3.8                             | 1.9  | 1                | 1160 | 69                         | 82          | 37  |
| XDP/A-6-30/32.5°  | 12,100                     | 20,558             | 6.2                             | 3.1  | 2                | 1160 | 76                         | 117         | 53  |
| XDP/A-6-30/40°    | 15,200                     | 25,825             | 8.4                             | 4.2  | 3                | 1160 | 81                         | 148         | 67  |

\* Nivel Sonoro medido a 1.50 mts. (5 pies) de la fuente en un campo hemisférico libre según AMCA standard 301.

# XDP/A

## AERO EXTRACTOR – INYECTOR TUBO AXIAL ATC

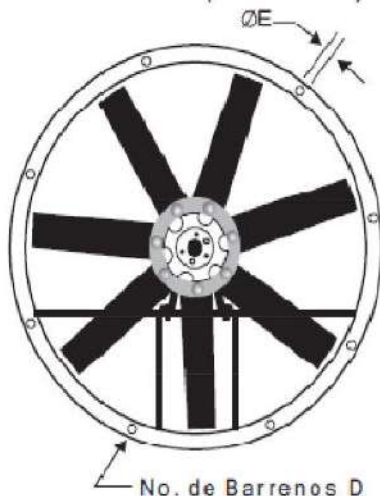
ALTA EFICIENCIA EN ACOPLAMIENTO DIRECTO  
ALABES AJUSTABLES DE 24", 30", 36", 42" DE DIÁMETRO

### ESPECIFICACIONES TÉCNICAS (PERFORMANCE DATA)

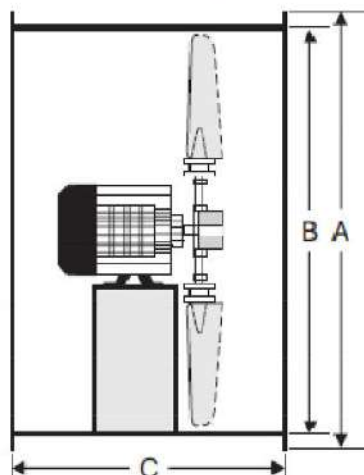
| MODELO<br>(MODEL) | CAUDAL@<br>DESCARGA LIBRE |        | AMPERAJE (A)@ 60 HZ. |      | POTENCIA<br>(HP) | RPM  | NIVEL<br>SONORO<br>dB (A)* | PESO APROX. |     |
|-------------------|---------------------------|--------|----------------------|------|------------------|------|----------------------------|-------------|-----|
|                   | CFM                       | M³/HR  | 3 FASES              |      |                  |      |                            | Lb.         | Kg. |
|                   |                           |        | 220V                 | 440V |                  |      |                            |             |     |
| XDP/A-4-36/25°    | 18,300                    | 31,092 | 15.0                 | 7.5  | 5.0              | 1760 | 73                         | 145         | 66  |
| XDP/A-4-36/30°    | 23,600                    | 40,096 | 23.0                 | 11.5 | 7.5              | 1760 | 78                         | 176         | 80  |
| XDP/A-6-36/25°    | 12,100                    | 20,558 | 4.8                  | 2.4  | 1.5              | 1160 | 64                         | 117         | 53  |
| XDP/A-6-36/30°    | 15,500                    | 26,335 | 6.2                  | 3.1  | 2.0              | 1160 | 69                         | 119         | 54  |
| XDP/A-6-36/35°    | 19,300                    | 32,791 | 8.4                  | 4.2  | 3.0              | 1160 | 74                         | 150         | 68  |
| XDP/A-6-36/40°    | 22,600                    | 38,397 | 14.2                 | 7.1  | 5.0              | 1160 | 77                         | 202         | 92  |
| XDP/A-8-36/30°    | 11,500                    | 19,539 | 4.0                  | 2.0  | 1.0              | 860  | 63                         | 134         | 61  |
| XDP/A-8-36/35°    | 14,300                    | 24,296 | 5.4                  | 2.7  | 1.5              | 860  | 67                         | 150         | 68  |
| XDP/A-8-36/40°    | 16,800                    | 28,543 | 7.0                  | 3.5  | 2.0              | 860  | 71                         | 180         | 82  |
| XDP/A-8-36/45°    | 19,500                    | 33,131 | 9.8                  | 4.9  | 3.0              | 860  | 74                         | 191         | 87  |
| XDP/A-4-42/25°    | 25,100                    | 42,645 | 23.0                 | 11.5 | 7.5              | 1760 | 80                         | 207         | 94  |
| XDP/A-6-42/30°    | 22,000                    | 37,378 | 8.4                  | 4.2  | 3                | 1160 | 77                         | 181         | 82  |
| XDP/A-6-42/32.5°  | 25,000                    | 42,475 | 14.2                 | 7.1  | 5                | 1160 | 80                         | 234         | 106 |
| XDP/A-6-42/35°    | 28,100                    | 47,742 | 14.2                 | 7.1  | 5                | 1160 | 82                         | 234         | 106 |
| XDP/A-6-42/37.5°  | 30,500                    | 51,820 | 20.0                 | 10.0 | 7.5              | 1160 | 84                         | 331         | 150 |
| XDP/A-8-42/25°    | 12,300                    | 20,898 | 4.0                  | 2.0  | 1                | 860  | 65                         | 165         | 75  |
| XDP/A-8-42/30°    | 16,300                    | 27,694 | 5.4                  | 2.7  | 1.5              | 860  | 71                         | 181         | 82  |
| XDP/A-8-42/32.5°  | 18,600                    | 31,601 | 7.0                  | 3.5  | 2                | 860  | 73                         | 212         | 96  |
| XDP/A-8-42/35°    | 20,800                    | 35,339 | 9.8                  | 4.9  | 3                | 860  | 76                         | 223         | 101 |

\* Nivel Sonoro medido a 1.50 mts. (5 pies) de la fuente en un campo hemisférico libre según AMCA standard 301.

VISTA FRONTAL (FRONT VIEW)



VISTA LATERAL (SIDE VIEW)

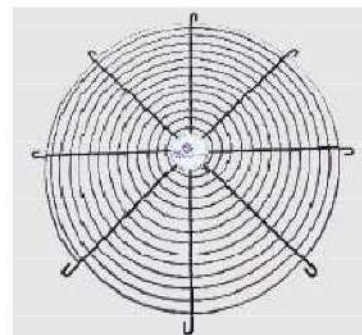


DIMENSIONES GENERALES (Dimensions)

| MODELO<br>(MODEL) | Pulgadas (Inches) |    |    |   |     |
|-------------------|-------------------|----|----|---|-----|
|                   | A                 | B  | C  | D | ØE  |
| XDP/A-24          | 28                | 25 | 19 | 8 | 1/2 |
| XDP/A-30          | 35                | 31 | 19 | 8 | 1/2 |
| XDP/A-36          | 41                | 37 | 24 | 8 | 1/2 |
| XDP/A-42          | 47                | 43 | 24 | 8 | 1/2 |

### ACCESORIOS OPCIONALES:

Rejillas de protección electrosoldadas  
en la succión y/o descarga.



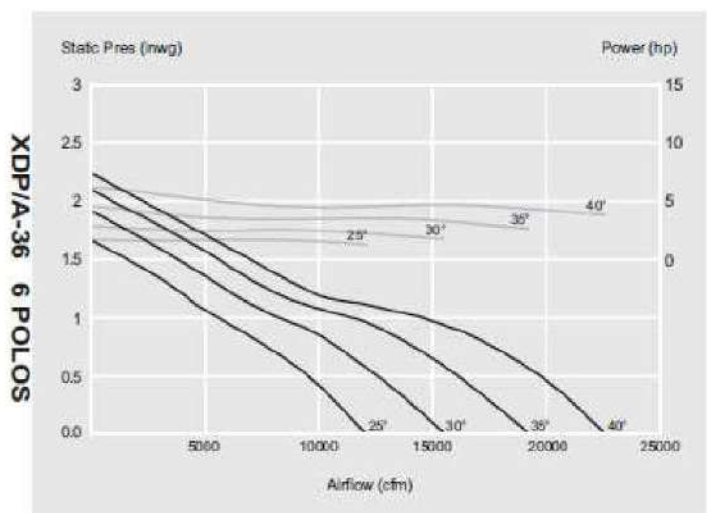
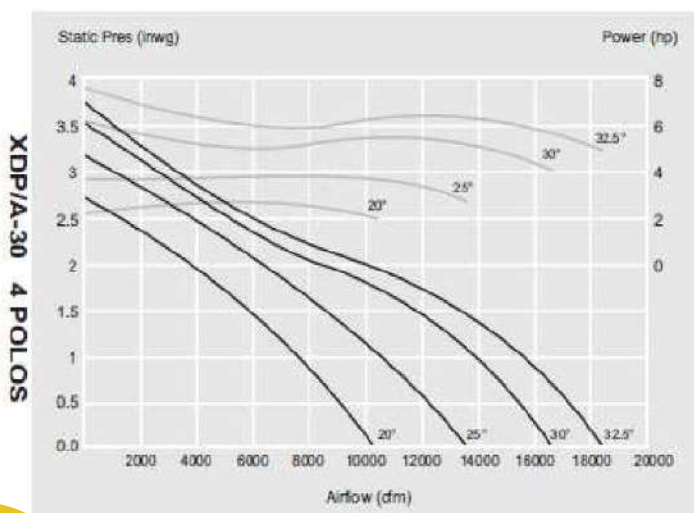
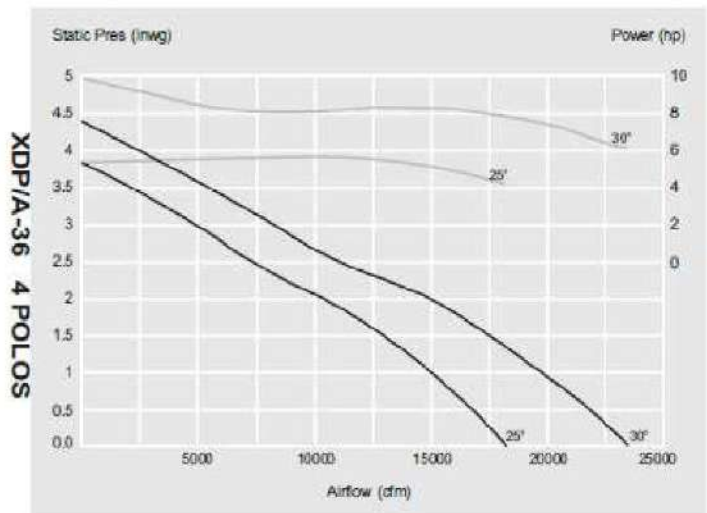
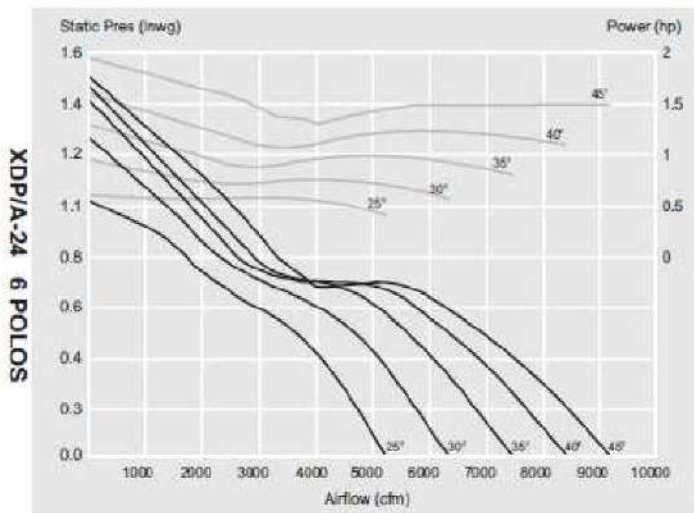
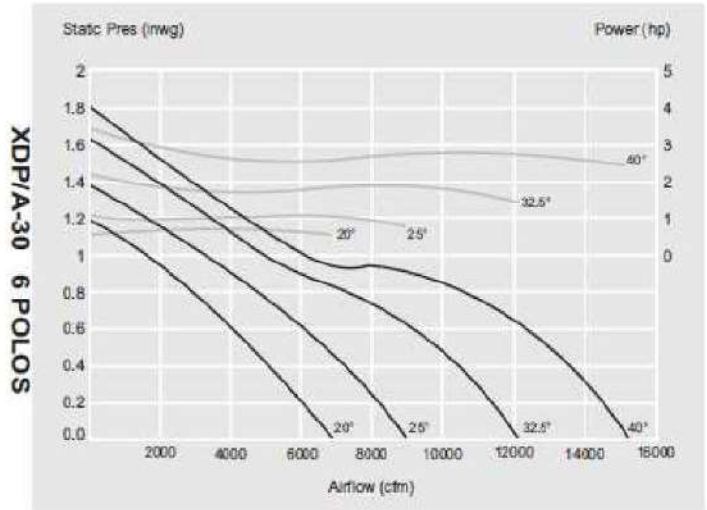
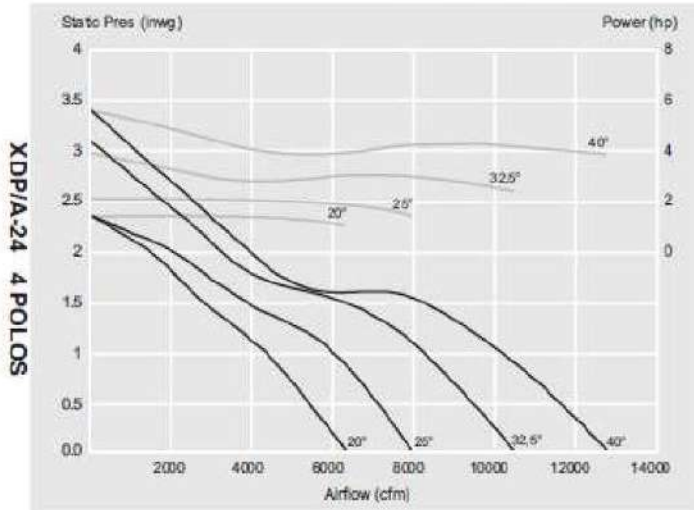
# XDP/A



## AERO EXTRACTOR – INYECTOR TUBO AXIAL ATC

ALTA EFICIENCIA EN ACOPLAMIENTO DIRECTO  
ALABES AJUSTABLES DE 24", 30", 36", 42" DE DIÁMETRO

### CURVAS DE OPERACIÓN (PERFORMANCE CURVES)



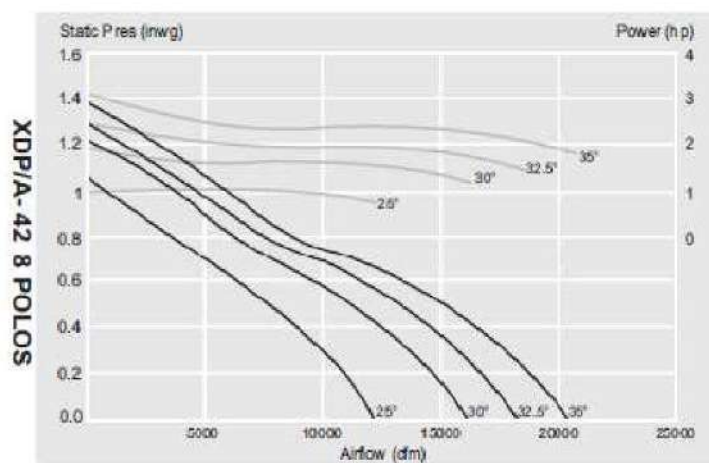
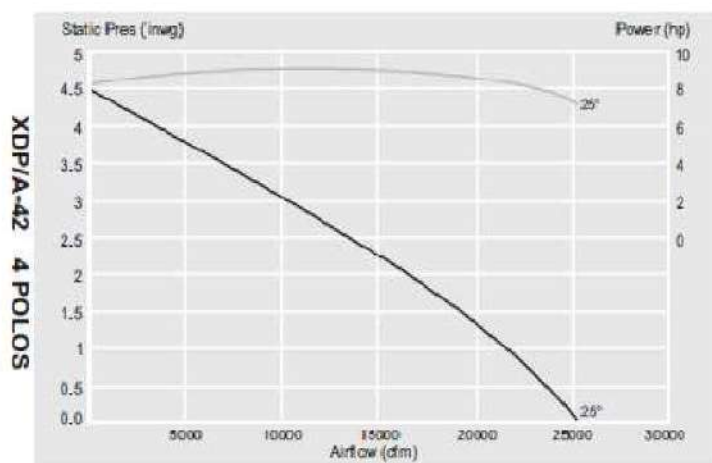
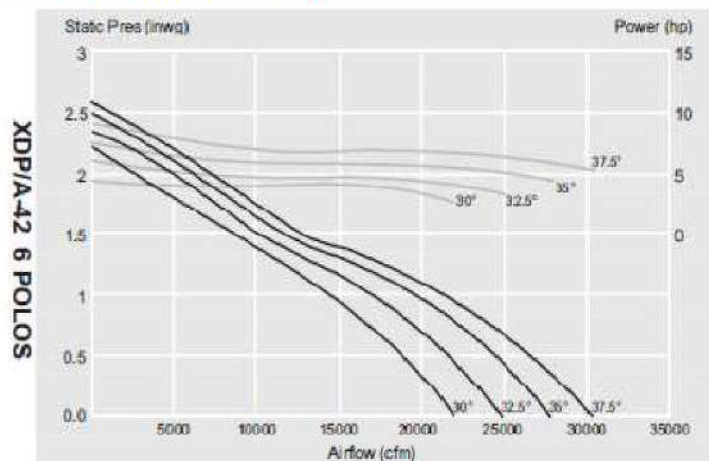
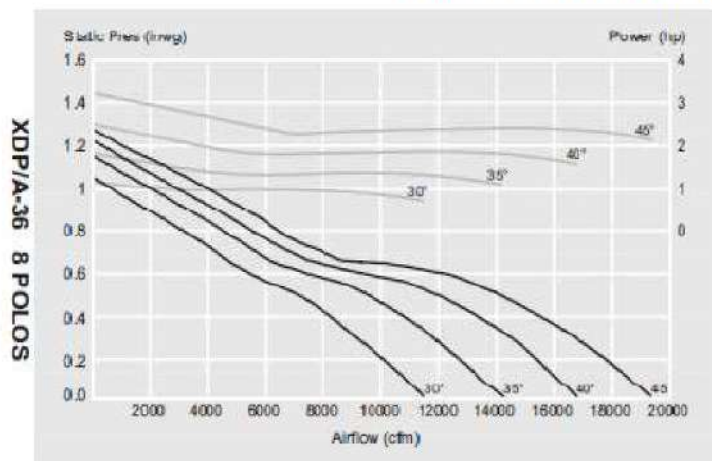
# XDP/A



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ALTA EFICIENCIA EN ACOPLAMIENTO DIRECTO  
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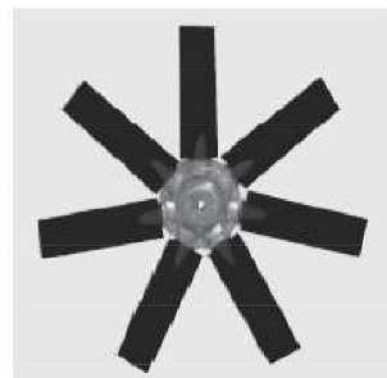
### CURVAS DE OPERACIÓN (PERFORMANCE CURVES)



Hélice en Aluminio Inyectado



Cubo en Aluminio Inyectado (Hub Set)



Hélice en Polipropileno reforzado con fibra de vidrio