

# XWP/A

## AERO EXTRACTOR-INYECTOR HELICOIDAL ATC ALTA EFICIENCIA EN ACOPLAMIENTO DIRECTO ALABES AJUSTABLES DE 24", 30", 36", 42" DE DIÁMETRO



La serie XWP/A de Aero Extractores – Inyectores helicoidales de alta eficiencia marca ATC, ha sido especialmente diseñada para aplicaciones Industriales en muro, se compone de 36 modelos diferentes con 4 diámetros de hélice de alabes en ángulo variable estandarizadas de 24", 30" 36" y 42" brindando gran variedad en caudal-presión.

### Características principales:

- Cuerpo y venturi en acero al carbón con acabado en pintura poliéster en polvo horneada.
- 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.

### Aplicaciones:

Ventilación y Extracción de aire en plantas industriales, bodegas, talleres, almacenes, cuartos de maquinas – compresores, estacionamientos, etc.

### NOMENCLATURA: XW P / A - 4 - 30 / 25

- |                   |                                       |
|-------------------|---------------------------------------|
| 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                       | M³/HR  | 220V                            | 440V |                  |      |                            | Lb.         | Kg. |
| XWP/A-4-24/20°    | 6,350                     | 10,789 | 5.2                             | 2.6  | 1.5              | 1760 | 64                         | 79          | 36  |
| XWP/A-4-24/25°    | 7,970                     | 13,541 | 6.6                             | 3.3  | 2.0              | 1760 | 69                         | 81          | 37  |
| XWP/A-4-24/32.5°  | 10,500                    | 17,840 | 9.8                             | 4.9  | 3.0              | 1760 | 75                         | 117         | 53  |
| XWP/A-4-24/40°    | 12,800                    | 21,747 | 15.0                            | 7.5  | 5.0              | 1760 | 79                         | 121         | 55  |
| XWP/A-6-24/25°    | 5,250                     | 8,920  | 2.4                             | 1.2  | 1/2              | 1160 | 60                         | 62          | 28  |
| XWP/A-6-24/30°    | 6,360                     | 10,806 | 2.8                             | 1.4  | 3/4              | 1160 | 64                         | 68          | 31  |
| XWP/A-6-24/35°    | 7,500                     | 12,743 | 3.8                             | 1.9  | 1.0              | 1160 | 67                         | 73          | 33  |
| XWP/A-6-24/40°    | 8,440                     | 14,340 | 4.8                             | 2.4  | 1.5              | 1160 | 70                         | 106         | 48  |
| XWP/A-6-24/45°    | 9,200                     | 15,631 | 6.2                             | 3.1  | 2.0              | 1160 | 72                         | 108         | 49  |
| XWP/A-4-30/20°    | 10,500                    | 17,840 | 6.6                             | 3.3  | 2                | 1760 | 73                         | 90          | 41  |
| XWP/A-4-30/25°    | 13,600                    | 23,106 | 9.8                             | 4.9  | 3                | 1760 | 78                         | 126         | 57  |
| XWP/A-4-30/30°    | 16,700                    | 28,373 | 15.0                            | 7.5  | 5                | 1760 | 83                         | 130         | 59  |
| XWP/A-4-30/32.5°  | 18,400                    | 31,262 | 15.0                            | 7.5  | 5                | 1760 | 85                         | 130         | 59  |
| XWP/A-6-30/20°    | 6,900                     | 11,723 | 2.8                             | 1.4  | 3/4              | 1160 | 64                         | 77          | 35  |
| XWP/A-6-30/25°    | 8,950                     | 15,206 | 3.8                             | 1.9  | 1                | 1160 | 69                         | 82          | 37  |
| XWP/A-6-30/32.5°  | 12,100                    | 20,558 | 6.2                             | 3.1  | 2                | 1160 | 76                         | 117         | 53  |
| XWP/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.

# XWP/A

## AERO EXTRACTOR – INYECTOR HELICOIDAL ATC

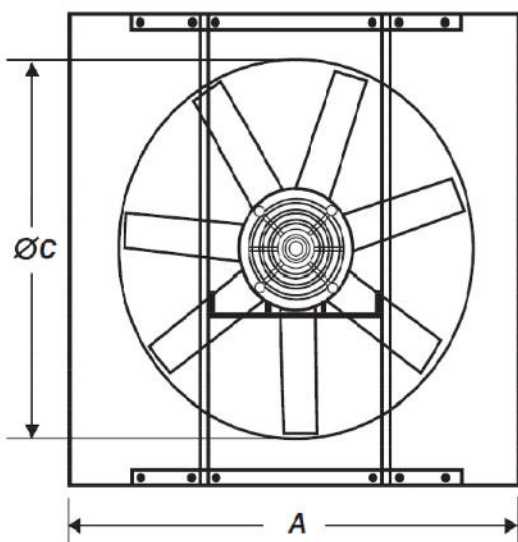
ALTA EFICIENCIA EN ACOPLAMIENTO DIRECTO  
ALABES AJUSTABLES DE 24", 30", 36", 42" DE DIÁMETRO

### ESPECIFICACIONES TÉCNICAS (PERFORMANCE DATA)

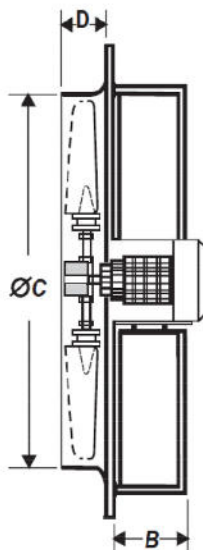
| MODELO<br>(MODEL) | CAUDAL@<br>DESCARGA LIBRE |        | AMPERAJE (A) @ 60 HZ. |      | POTENCIA<br>(HP) | RPM  | NIVEL<br>SONORO<br>dB (A)* | PESO APROX. |     |
|-------------------|---------------------------|--------|-----------------------|------|------------------|------|----------------------------|-------------|-----|
|                   |                           |        | 3 FASES               |      |                  |      |                            | Lb.         | Kg. |
|                   | CFM                       | M³/HR  | 220V                  | 440V |                  |      |                            |             |     |
| XWP/A-4-36/25°    | 18,300                    | 31,092 | 15.0                  | 7.5  | 5.0              | 1760 | 73                         | 176         | 80  |
| XWP/A-4-36/30°    | 23,600                    | 40,096 | 23.0                  | 11.5 | 7.5              | 1760 | 78                         | 189         | 86  |
| XWP/A-6-36/25°    | 12,100                    | 20,558 | 4.8                   | 2.4  | 1.5              | 1160 | 64                         | 125         | 57  |
| XWP/A-6-36/30°    | 15,500                    | 26,335 | 6.2                   | 3.1  | 2.0              | 1160 | 69                         | 145         | 66  |
| XWP/A-6-36/35°    | 19,300                    | 32,791 | 8.4                   | 4.2  | 3.0              | 1160 | 74                         | 163         | 74  |
| XWP/A-6-36/40°    | 22,600                    | 38,397 | 14.2                  | 7.1  | 5.0              | 1160 | 77                         | 216         | 98  |
| XWP/A-8-36/30°    | 11,500                    | 19,539 | 4.0                   | 2.0  | 1.0              | 860  | 63                         | 147         | 67  |
| XWP/A-8-36/35°    | 14,300                    | 24,296 | 5.4                   | 2.7  | 1.5              | 860  | 67                         | 163         | 74  |
| XWP/A-8-36/40°    | 16,800                    | 28,543 | 7.0                   | 3.5  | 2.0              | 860  | 71                         | 194         | 88  |
| XWP/A-8-36/45°    | 19,500                    | 33,131 | 9.8                   | 4.9  | 3.0              | 860  | 74                         | 205         | 93  |
| XWP/A-4-42/25°    | 25,100                    | 42,645 | 23.0                  | 11.5 | 7.5              | 1760 | 80                         | 207         | 94  |
| XWP/A-6-42/30°    | 22,000                    | 37,378 | 8.4                   | 4.2  | 3                | 1160 | 77                         | 181         | 82  |
| XWP/A-6-42/32.5°  | 25,000                    | 42,475 | 14.2                  | 7.1  | 5                | 1160 | 80                         | 234         | 106 |
| XWP/A-6-42/35°    | 28,100                    | 47,742 | 14.2                  | 7.1  | 5                | 1160 | 82                         | 234         | 106 |
| XWP/A-6-42/37.5°  | 30,500                    | 51,820 | 20.0                  | 10.0 | 7.5              | 1160 | 84                         | 331         | 150 |
| XWP/A-8-42/25°    | 12,300                    | 20,898 | 4.0                   | 2.0  | 1                | 860  | 65                         | 165         | 75  |
| XWP/A-8-42/30°    | 16,300                    | 27,694 | 5.4                   | 2.7  | 1.5              | 860  | 71                         | 181         | 82  |
| XWP/A-8-42/32.5°  | 18,600                    | 31,601 | 7.0                   | 3.5  | 2                | 860  | 73                         | 212         | 96  |
| XWP/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 POSTERIOR (BACK VIEW)



VISTA LATERAL (SIDE VIEW)

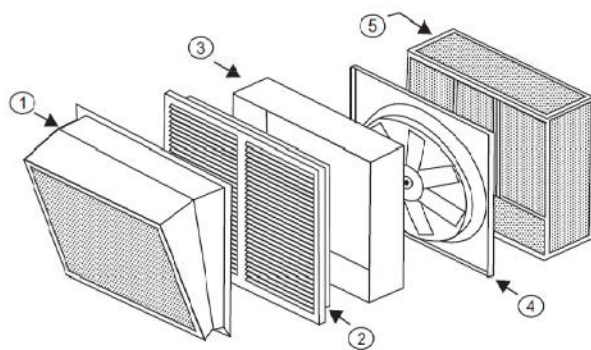


DIMENSIONES GENERALES (Dimensions)

| MODELO<br>(MODEL) | PULGADAS (Inches) |       |        |       |
|-------------------|-------------------|-------|--------|-------|
|                   | A                 | B     | ØC     | D     |
| XWP/A-24          | 30                | 9 1/2 | 24 7/8 | 3 5/8 |
| XWP/A-30          | 36                | 9 1/2 | 30 7/8 | 3 3/4 |
| XWP/A-36          | 42                | 14    | 36 7/8 | 4 1/4 |
| XWP/A-42          | 48                | 14    | 42 7/8 | 4 3/4 |

#### ACCESORIOS OPCIONALES:

- 1.- Cubierta para intemperie.
- 2.- Persiana de gravedad.
- 3.- Unión para persiana.
- 4.- Aero Extractor-Inyector XWP/A.
- 5.- Malla de Protección interior.



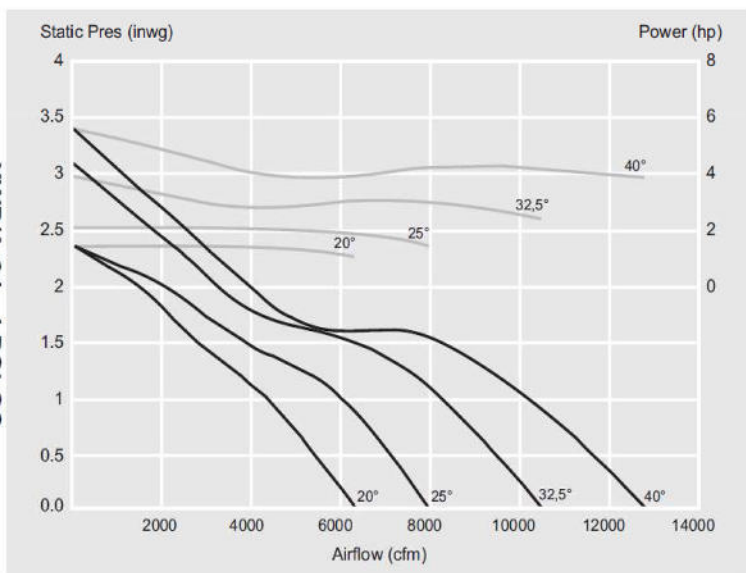
# XWP/A

## AERO EXTRACTOR – INYECTOR HELICOIDAL ATC

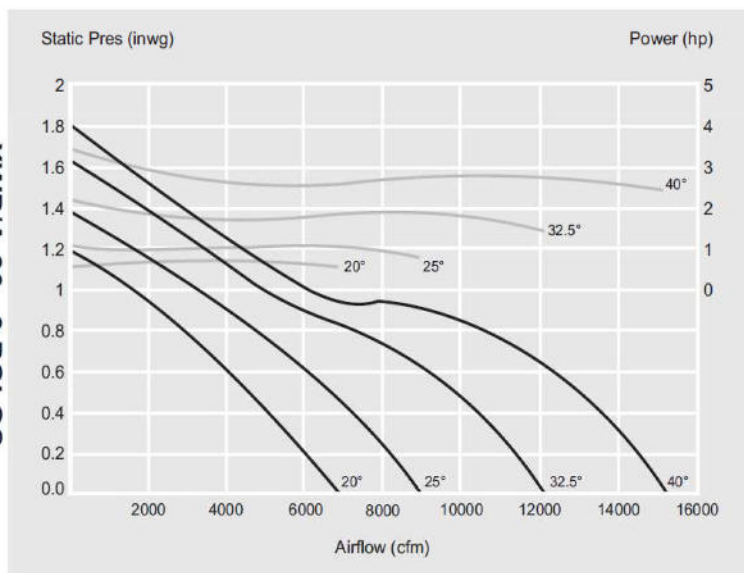
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### CURVAS DE OPERACIÓN (PERFORMANCE CURVES)

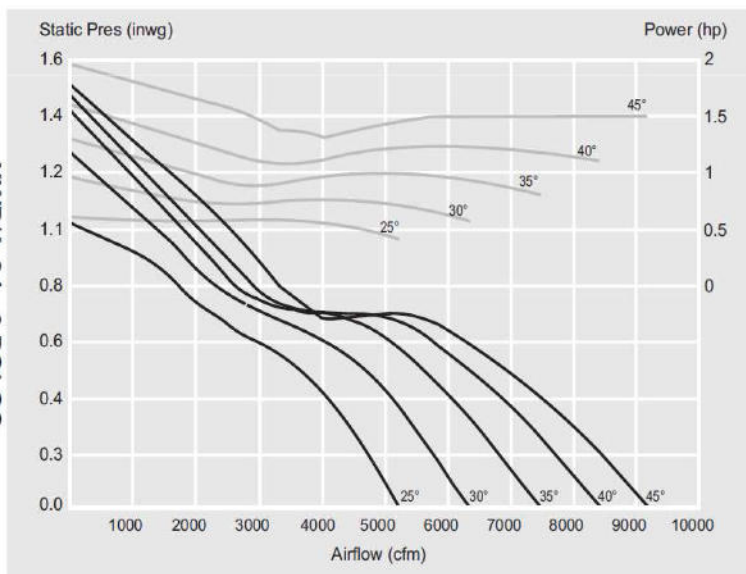
XWP/A-24 4 POLOS



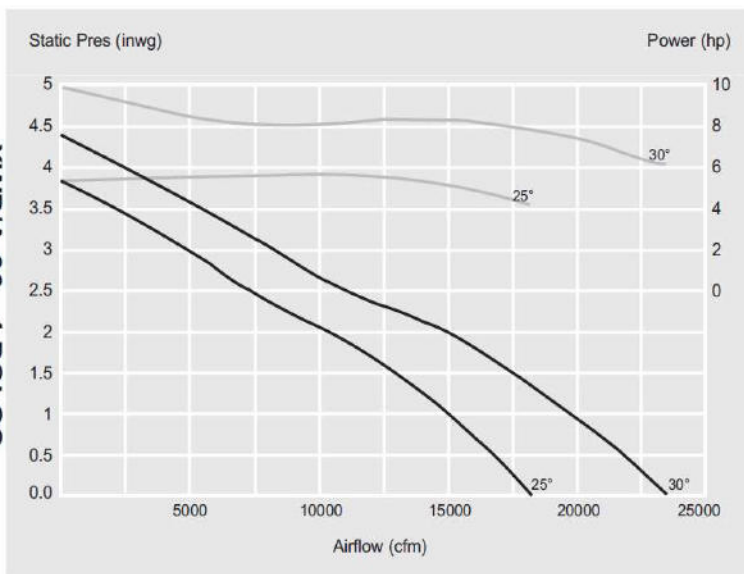
XWP/A-30 6 POLOS



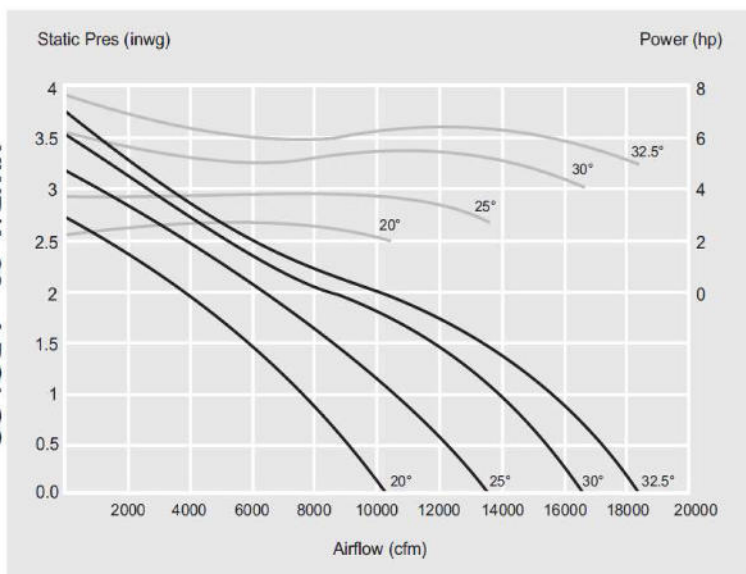
XWP/A-24 6 POLOS



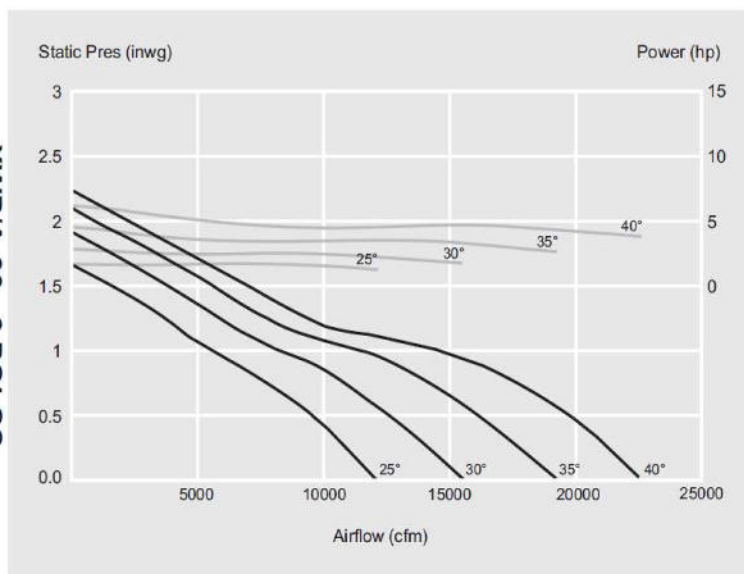
XWP/A-36 4 POLOS



XWP/A-30 4 POLOS



XWP/A-36 6 POLOS



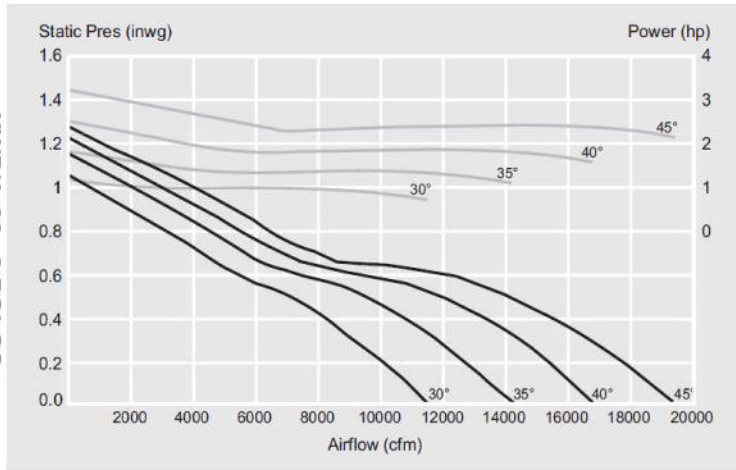
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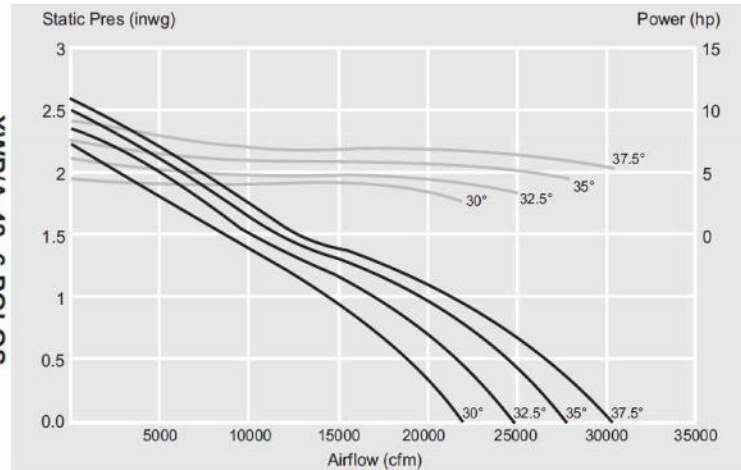
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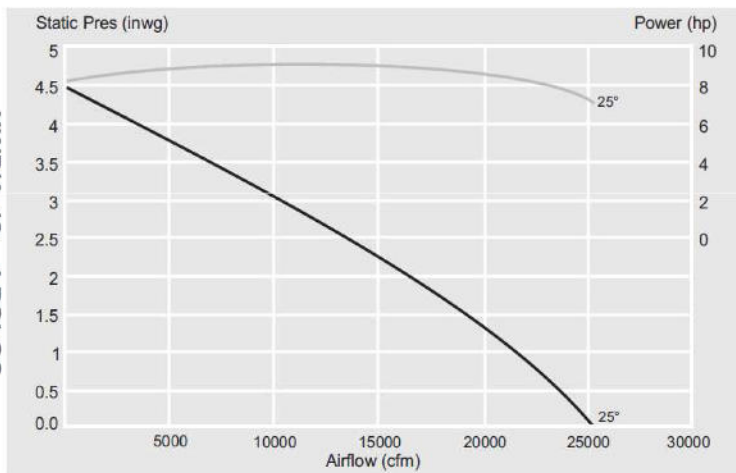
XWP/A-36 8 POLOS



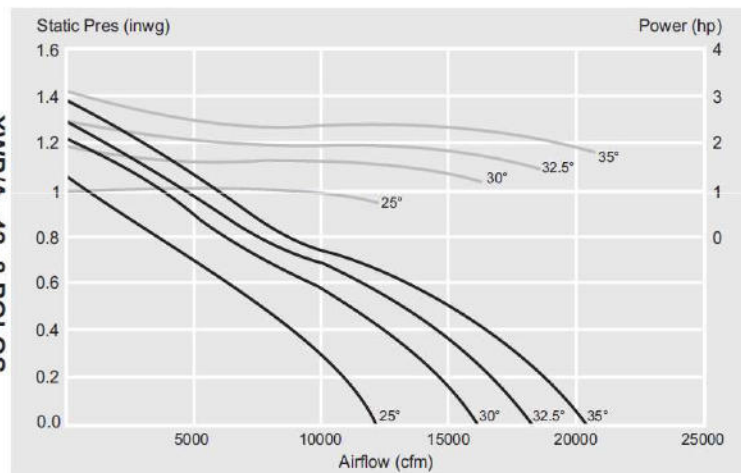
XWP/A-42 6 POLOS



XWP/A-42 4 POLOS



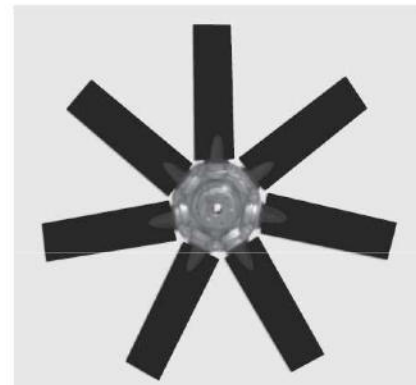
XWP/A-42 8 POLOS



Hélice en Aluminio Inyectado



Cubo en Aluminio Inyectado (Hub Set)



Hélice en Polipropileno reforzado con fibra de vidrio