### Model 306 Vertical Flow Blowers

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**RSP = Replacement Spare Parts**

**UM = Unit of Measure**
## MODEL 306 VERTICAL FLOW BLOWERS

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**SEAL PARTS KIT CONSISTS OF:**

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RSP = REPLACEMENT SPARE PARTS  
UM = UNIT OF MEASURE
OIL CAPACITY
1 3/4 PINTS (0.8 LITERS)
APPROX. WT.
150 LBS. (68 kg)

STANDARD BLOWER SHAFT
ROTATION, TOP INLET.
(FOR BOTTOM INLET SPECIFY
"OPTIONAL INLET" ON P.O.)

3" STD. FLANGE CONN. (76 mm)

5/8" NPT (4) HOLES
THRU ON 6" B.C.
STRADDLE 4"S
TOP & BOTTOM

BLOWER
BOTTOM OUTLET

PRODUCT CODE 900-306-1

125 C.F.M. (2.2 M³/hr) at 1800 R.P.M.
245 C.F.M. (4.15 M³/hr) at 3600 R.P.M.

STOKES VACUUM

DWG NO D-425-291-2
## Model 306 Horizontal Flow Blowers

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RSP = Replacement Spare Parts  
UM = Unit of Measure
# MODEL 306 HORIZONTAL FLOW BLOWERS

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**RSP** = REPLACEMENT SPARE PARTS  
**UM** = UNIT OF MEASURE
OIL CAPACITY
1/2 PINTS (0.8 LITER)
APPROX. WT.
150 LBS. (68 kg)

STANDARD BLOWER SHAFT
ROTATION, LEFT INLET.
(FOR RIGHT INLET SPECIFY
"OPTIONAL INLET" ON P.O.)

PRODUCT CODE 900-306-2
125 C.F.M. (2120 M³/HR) at 1800 R.P.M.
245 C.F.M. (415 M³/HR) at 3600 R.P.M.

STOKES VACUUM
DWG. NO. D-425-779-2
OIL CAPACITY:
1 1/2 PINTS (0.8 LITER)
APPROX. WT.:
210 LBS. (91 kg)

STANDARD BLOWER SHAFT ROTATION, LEFT INLET
(FOR RIGHT INLET SPECIFY OPTIONAL INLET ON RO)

BLOWER MOTOR AVAILABLE IN
2 HP, 3600 RPM (1.5 kW), OR 1.5 HP
1800 RPM (1.1 kW), 230-460/3/60
OTHER VOLTAGES 60 Hz. AVAILABLE

3-3/4" FLANGE CONN. (76 mm)
3/8-11 TAP (4) HOLES THRU
ON 6" B.C. STRADDLE "S"

DIRECT DRIVE BLOWER
PRODUCT CODE 900-306-404 125 C.F.M. (212 M³/H) AT 1800 RPM
PRODUCT CODE 900-306-402 245 C.F.M. (415 M³/H) AT 3600 RPM

STOKES VACUUM
DWG. NO. D-425-551-5
# Model 310 Vertical Flow Blowers

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**RSP** = Replacement Spare Parts  
**UM** = Unit of Measure
# MODEL 310 VERTICAL FLOW BLOWERS

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**SEAL PARTS KIT CONSISTS OF:**

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**RSP = REPLACEMENT SPARE PARTS**

**UM = UNIT OF MEASURE**
OIL CAPACITY
1 1/2 PINTS (0.8 LITER)
APPROX. WT.
190 LBS. (86 kg.)

STANDARD BLOWER SHAFT
ROTATION, TOP INLET.
(FOR BOTTOM INLET SPECIFY
"OPTIONAL INLET" ON P.O.)

4" STD. FLANGE Conn. (102 mm)
5/8-11 TAP (8) HOLES
EQUALLY SPACED ON
7 1/2" B.C., STRADDLE "C"S
(TOP & BOTTOM)

OIL FILL
OIL LEVEL
OIL DRAIN

BLOWER
BOTTOM OUTLET

PRODUCT CODE 900-310-1

400 CFM (680 M³/hr) at 3600 RPM

STOKES VACUUM

DWG. NO. D-425-561-2
### Model 310 Horizontal Flow Blowers

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**RSP = REPLACEMENT SPARE PARTS**

**UM = UNIT OF MEASURE**
## MODEL 310 HORIZONTAL FLOW BLOWERS

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<td>C</td>
<td>070-040-263</td>
<td>PLUG W/WTON O RING (SEAL HOUSING)</td>
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<td>EA</td>
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RSP = REPLACEMENT SPARE PARTS
UM = UNIT OF MEASURE
OIL CAPACITY
1 3/4 PINTS (0.8 LITER)

APPROX. WT.
190 LBS. (86 kg)

STANDARD BLOWER SHAFT
ROTATION, LEFT INLET.
FOR RIGHT INLET, SPECIFY
"OPTIONAL INLET ON R.C."

BLOWER
SIDE OUTLET

PRODUCT CODE 900-310-2

400 C.F.M. (680 M3/HR) at 3600 R.P.M.

STOKES
VACUUM

DWG. NO. D-425-780-2
OIL CAPACITY:
1 3/4 PINTS (0.8 LITER)
APPROX Wt.:
250 LBS. (109 kg)

STANDARD BLOWER SHAFT ROTATION,
LEFT INLET.
FOR RIGHT INLET
SPECIFY OPTIONAL
INLET ON P.O.

OIL FILL
OIL LEVEL
OIL DRAIN

DIRECT DRIVE BLOWER (400 C.F.M)(680 M³/HR)

PRODUCT CODE 900-310-402

STOKES VACUUM

OOG NO. D-425-552-4
## Parts

**Model**: 900-310-401  
**Lot no.**: C-79042

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<tr>
<th>Sym.</th>
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<th>Part No.</th>
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<td>D-423-898-4</td>
<td>Motor Support</td>
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<td>1A</td>
<td>1+</td>
<td>085-38-990</td>
<td>&quot;O&quot; Ring</td>
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<td>022-2-240</td>
<td>&quot;O&quot; Ring (Old Style Casting)</td>
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<td>F-424-697-4</td>
<td>Seal Housing</td>
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<td>A-424-667-1</td>
<td>Clamp Collar</td>
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<td>A-425-256-2</td>
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<td>3</td>
<td>A-425-019-1</td>
<td>Shaft Spacer</td>
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<tr>
<td>9</td>
<td>3+</td>
<td>085-39-983</td>
<td>Ball Bearing, Double Row</td>
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<tr>
<td>10</td>
<td>4+</td>
<td>085-37-653</td>
<td>Wave Washer</td>
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<td>11</td>
<td>4+</td>
<td>A-425-037-1</td>
<td>Rotating Labyrinth Seal</td>
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<td>4+</td>
<td>A-425-016-2</td>
<td>Stationary Labyrinth Seal</td>
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<td>F-424-694-9</td>
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<td>F-424-696-1</td>
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<td>D-423-871-9</td>
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<td>A-425-011-2</td>
<td>Split Bearing Retainer</td>
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<td>18</td>
<td>3+</td>
<td>085-38-843</td>
<td>Arbor Shim (.062 Thk.)</td>
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<td>A-424-651-6</td>
<td>Shaft Key</td>
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<td>Shaft Key</td>
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<td>20</td>
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<td>085-38-257</td>
<td>Gear Set (1 R.H. and 1 L.H.) (Always change gears as sets)</td>
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<td>A-423-894-1</td>
<td>Washer</td>
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<td>085-38-847</td>
<td>Arbor Shim (.003 Thk.)</td>
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<td>Ball Bearing, Single Row</td>
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*Recommended spare part (wear items) + Parts normally stocked
Model 900-310-401  DIRECT DRIVE VACUUM BOOSTER

Lot no. C-79042 to

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<thead>
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<th>Qty.</th>
<th>Part no.</th>
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<td>085-40-241</td>
<td>Sight Glass w/ &quot;O&quot; Ring 085-37-672</td>
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<td>A-429-905-3</td>
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<td>B-428-134-5</td>
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<td>Splasher Back Plate</td>
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<td>Inner Oil Seal</td>
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<td>085-37-849</td>
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<td>425-925-1</td>
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<td>085-40-371</td>
<td>&quot;O&quot; Ring, Fluorocarbon Brown, for Plugs A,B &amp; C on Exp. View B-0-344</td>
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REFERENCE DRAWINGS:

B-0-344  Stokes Vacuum Booster Assembly
B-0-345  Sectional View of Booster

*Recommended spare part (wear items)  + Parts normally stocked