

# SIDE CHANNEL BLOWERS PUMPS



These silent-running side channel blowers deliver high volumes of clean, dry air at low pressures and vacuums. Has no wearing parts, does not need lubrication and therefore requires virtually no maintenance.

## APPLICATIONS

- Swimming pool and spa air blowers.
- Underwater aeration in fish farming.
- Central vacuum cleaning systems.
- Bubbling/washing systems in food processing.
- Hot air dryers.
- Plastic bottle moulding.
- Biogas transfer.
- Vacuum cutting tables.

## CHARACTERISTICS OF SIDE CHANNEL BLOWERS

- Die-cast aluminium casing and impeller.
- Performs both as a compression and vacuum pump.
- May be installed horizontally or vertically.
- Single or triple impeller.

## SINGLE IMPELLER

| CODE       | MODEL                                         | N. NOZZLES | CONNECTION | MAX. FLOW (m³/h) | MAX. COMPRESSION (mbar) | FAM. |
|------------|-----------------------------------------------|------------|------------|------------------|-------------------------|------|
| HP-7203-02 | Side Channel Blower – Single Impeller 0,40 KW | 6-7        | 1 1/4"     | 80               | 110                     | B    |
| HP-7203-04 | Side Channel Blower – Single Impeller 0,85 KW | 10-12      | 1 1/4"     | 145              | 160                     | B    |
| HP-7203-06 | Side Channel Blower – Single Impeller 1,3 KW  | 12-16      | 2"         | 210              | 170                     | B    |
| HP-7203-08 | Side Channel Blower – Single Impeller 1,5 KW  | 18-20      | 2"         | 210              | 190                     | B    |
| HP-7203-10 | Side Channel Blower – Single Impeller 2,2 KW  | 28-30      | 2"         | 318              | 190                     | B    |

## TRIPLE IMPELLER

| CODE       | MODEL                                         | N. NOZZLES | CONNECTION | MAX. FLOW (m³/h) | MAX. COMPRESSION (mbar) | FAM. |
|------------|-----------------------------------------------|------------|------------|------------------|-------------------------|------|
| HP-7203-20 | Side Channel Blower – Triple Impeller 0,40 KW | 6-7        | 1 1/4"     | 80               | 130                     | B    |
| HP-7203-22 | Side Channel Blower – Triple Impeller 0,55 KW | 7-10       | 1 1/4"     | 100              | 120                     | B    |
| HP-7203-24 | Side Channel Blower – Triple Impeller 0,85 KW | 10-12      | 1 1/4"     | 145              | 160                     | B    |
| HP-7203-26 | Side Channel Blower – Triple Impeller 1,3 KW  | 12-16      | 2"         | 210              | 170                     | B    |
| HP-7203-28 | Side Channel Blower – Triple Impeller 1,5 KW  | 18-20      | 2"         | 210              | 190                     | B    |
| HP-7203-30 | Side Channel Blower – Triple Impeller 2,2 KW  | 28-30      | 2"         | 318              | 190                     | B    |
| HP-7203-32 | Side Channel Blower – Triple Impeller 3 KW    | 32-40      | 2"         | 318              | 270                     | B    |