

Spa King

 AUSTRALIAN
MADE & OWNED



**WORLD CLASS
POOL
EQUIPMENT**



XTA

**The Worlds First Quad Port
Air Delivery System**

Comparison Testing shows the XTA is:

- Quieter under full load
- Provides constant power
- Offers reliable service under all normal resistance installations
- Is value for money.

www.spakingblowerco.com.au

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XTA - The Worlds First Quad Port Air Delivery System

DESIGN: When designing the XTA spa blower we looked at the major cause of unreliability and unacceptable noise levels in other products available world wide. All spa blowers currently use only “one direction” of air flow; “in one end and out the other”. Utilising the pressured air for connection to the spa via pipe work, the XTA has air moving in many different directions at the same time, each of the distinct air movements has been created to reduce the sound level which has added to the reliability of this unique product.

On start, the XTA spa blower draws air into the intake where it expands and is compressed again before being drawn into a vertical drop, whereby the air is once again compressed and changes direction to travel horizontal to be compressed again and induced to rotate at high speed, the air is then driven through the motor and down through our “Quad Ports” to exit in the air outlet for connection to the spa.

SOUND LEVEL: In the products that are available from the pool industry (world wide) the method favored by most of the industry, is to clog up the blower with masses of foam to absorb the noise once the blower is running, this action usually causes high air temperatures at the outlet and overheating of the motor which then has to be controlled by a thermal cut-out.

With the XTA we reduced the noise factor at its source with the result of a lower motor operation temperature, thus increasing its serviceable life.

RELIABILITY: Reliability has best been achieved by the reduction of the corrosive action of “moisture laden air” which is forced through the motor after the pressure of water reclaims the void in the air delivery line once the blower has been shut down. Our patented “Quad Port Partition” strips moisture from the returning airflow which is in turn forced through the motor. The XTA Blower motor compartment has been specially designed to retain any moisture clear of the motor. We advise the use of a quality one-way valve for all installations and an “earth leakage protection system” for added electrical safety.

AIR SUPPLY LINE: recommended 50mm pipe with 45° angles to change airflow direction.

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HOLE SIZES: Use as a guide only (on 50mm pipe) 32x6mm or 15 x 9.5mm holes.

IMPORTANT: Do not glue blower to air supply line. Use Industry Standards on all installations. Any service or warranty repairs on electrical components to be carried out by a qualified electrical contractor.

HOW IT WORKS

- Air flowing into the blower creates “a rotating air mass” to smother high frequency motor noise.
- Quad ports between motor and air outlet housing reduce moisture contact with live motor parts.
- High volumes of moving air in motor compartment assist in cooling of components in high resistance installations.
- Excellent motor cooling under all normal conditions has resulted in elimination of motor thermal cut-out in the XTA Blower.
- 50mm air delivery outlet allows a high delivery rate of air from the blower.
- Returning air flow has restricted access to the motor unlike other spa blowers.
- High performance 7 amp quality motor.

We advise the use of a quality one-way valve for all installations and an “earth leakage protection system” for electrical safety.