



COMMERCIAL POOL HEATING

# 70KW INVERTER HEAT PUMP

High-capacity three-phase solution | Model IVST150/3G



RATED HEATING CAPACITY

**70 kW**

COEFFICIENT OF PERFORMANCE

**Up to 16.11**

OPERATING RANGE

**-15 to 43 C**

ELECTRICAL SUPPLY

**3-phase**

## TECHNICAL SPECIFICATIONS

| SPECIFICATION               | UNIT              | RANGE / VALUE        | RATED     |
|-----------------------------|-------------------|----------------------|-----------|
| Heating capacity            | kW                | 16.5 - 70            | 70        |
| Heating capacity            | BTU/h             | 240,000              | 240,000   |
| Heating power input         | kW                | 1.02 - 10.2          | 10.2      |
| Running current             | A                 | 1.5 - 14.8 / 3P      | 14.8 / 3P |
| COP                         | -                 | 16.11 - 6.98         | -         |
| Power supply                | V / Ph / Hz       | 380-415V / 3N / 50Hz | -         |
| Compressor                  | Qty               | 1                    | -         |
| Heat exchanger              | -                 | Titanium             | -         |
| Refrigerant                 | Gas               | R32                  | -         |
| Fans                        | Qty               | 2 top-mounted fans   | -         |
| Noise                       | dB(A)             | 59 or less           | -         |
| Water connection            | mm                | 63                   | -         |
| Water flow volume           | m <sup>3</sup> /h | 20                   | -         |
| Unit dimensions (L x W x H) | mm                | 1416 x 752 x 1055    | -         |
| Net weight                  | kg                | 280                  | -         |
| Circuit breaker             | -                 | 20 AMP / 3P          | -         |



### ELECTRICAL REQUIREMENT

Dedicated power is required from the main DB board, together with an isolator switch and voltage protector. Recommended: 4P 40 auto-starting over/under-voltage protection.

## COMMERCIAL POOL HEATING DESIGN, INSTALLATION & SUPPORT

Galvanised powder-coated casing | Two top-mounted fans | Service, repairs and spare parts

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