



# NIRVANA



**QUIET**



**WIFI (OPTIONAL)**



**ENERGY EFFICIENT**



**BEST WARRANTY**

## FC SERIES

### SIMPLY THE BEST HEAT PUMPS

PERFORMANCES TESTED IN ACCORDANCE WITH THE AHRI CERTIFICATION PROGRAM

[WWW.NIRVANAHP.COM](http://WWW.NIRVANAHP.COM)



Heat Pump Pool Heaters  
AHRI Standard 1100

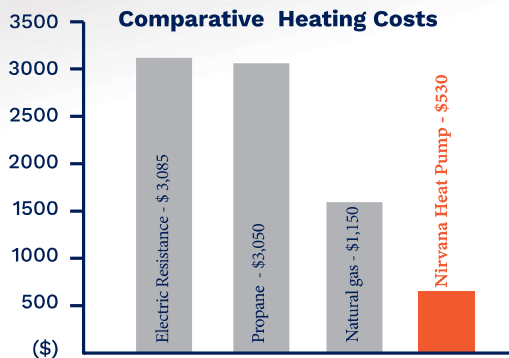
# KEEP YOUR POOL WARM ALL THE TIME! ENERGY EFFICIENT, RELIABLE AND DURABLE ENVIRONMENTALLY FRIENDLY LOWEST POOL HEATING COSTS GREAT FOR POOL/SPA COMBOS



| TECHNICAL DATA                  |              | FC SERIES - HEAT ONLY                  |                |                | FC HEAT / COOL    |
|---------------------------------|--------------|--|----------------|----------------|-------------------|
| MODELS                          |              | FC100                                  | FC120          | FC140          | FC140SF HEAT/COOL |
| (80/80/80 - AHRI) <sup>1</sup>  | BTU<br>COP   | 95 000<br>6.4                          | 120 000<br>6.2 | 138 000<br>6.0 | 134 000<br>5.9    |
| (80/63/80 - AHRI) <sup>1</sup>  | BTU<br>COP   | 91 000<br>6.2                          | 111 000<br>6.0 | 132 000<br>5.8 | 129 000<br>5.8    |
| (50/63/80 - AHRI) <sup>1</sup>  | BTU<br>COP   | 63 000<br>4.3                          | 77 000<br>4.2  | 88 000<br>4.2  | 85 000<br>4.1     |
| REFRIGERANT                     |              | R410A                                  |                |                |                   |
| MINIMUM / MAXIMUM BREAKER       |              | 40/50                                  | 40/50          | 50/60          | 50/60             |
| AMPS                            |              | 17.5                                   | 23.7           | 27.5           | 27                |
| DECIBEL AT 10 M                 |              | 43                                     | 43             | 45             | 47                |
| VENTILATION                     |              | 26" VARIABLE SPEED SMART FAN*          |                |                | 26" SINGLE SPEED  |
| HEAT EXCHANGER                  |              | TITANIUM-DOUBLE COIL                   |                |                |                   |
| DEFROST MODE                    |              | PASSIVE (36°F)                         |                |                | ACTIVE (32°F)     |
| CONTROL BOARD                   |              | DIGITAL 4 LINES X 20 CHARACTERS        |                |                |                   |
| COMPRESSOR TYPE                 |              | SCROLL                                 |                |                |                   |
| VOLTAGE                         |              | 240V / 60HZ / 1 PHASE                  |                |                |                   |
| CABINET                         |              | INJECTED POLYPROPYLENE COMPOSITE       |                |                |                   |
| WATER FLOW (GPM)                |              | 40-80                                  | 40-80          | 40-80          | 40-80             |
| DIMENSIONS (INCHES) (W X L X H) |              | 39 x 37 x 38                           | 39 x 37 x 42   | 39 x 37 x 42   | 39 x 37 x 42      |
| WEIGHT (LBS)                    |              | 245                                    | 250            | 255            | 260               |
| WATER CONNECTION                |              | 2" - QUICK CONNECT FITTINGS - INCLUDED |                |                |                   |
| POOL DIMENSIONS<br>(UP TO)      | ABOVE GROUND | 27'                                    | >27'           | >27'           | >27'              |
|                                 | INGROUND     | 16' x 30'                              | 16' x 34'      | 18' x 36'      | 18' x 36'         |
|                                 |              | 16' x 32'                              | 18' x 36'      | 20' x 40'      | 20' x 40'         |

Reference only, results may change based on ambient air temperatures and usage of a solar blanket, and regions.

<sup>1</sup> Rated in accordance to AHRI standard 1160: ambient air (°F) / humidity (%) / water temperature (°F) at a water flow of 0.45gpm / 1000btu at the 80/63/80 btu rating.



Based on 2019 U.S average energy prices



| WARRANTY   |          |
|------------|----------|
| COMPONENTS | COVERAGE |
| LABOR      | 3 YEARS  |
| PARTS      | 10 YEARS |