



## AQUAS™ PRODUCT SUMMARY

|                                           | AP-750         | AP-1000        | AP-1250        | AP-1500        | AP-1750        | AP-2000        |
|-------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>WATER</b>                              |                |                |                |                |                |                |
| GALLON CAPACITY (BOILER)                  | 73             | 77             | 87             | 94             | 106            | 111            |
| HEATING SURFACE (SQ. FT.) (BOILER)        | 87             | 97             | 132            | 153            | 176            | 187            |
| DRAIN                                     | 1-1/2"         | 1-1/2"         | 1-1/2"         | 1-1/2"         | 1-1/2"         | 1-1/2"         |
| 20°F ΔT WATER FLOW (GPM)                  | 72             | 96             | 120            | 144            | 168.35         | 192            |
| HEAD LOSS (FT. OF HD.)                    | 4.8            | 2.1            | 3              | 3.1            | 3.7            | 4.3            |
| 40°F ΔT WATER FLOW (GPM)                  | 36             | 48             | 60             | 72             | 84.175         | 96             |
| HEAD LOSS (FT. OF HD.)                    | 3              | 1              | 0.9            | 1              | 1.1            | 1              |
| MAX. WORKING PRESSURE (PSI)               | 160            | 160            | 160            | 160            | 160            | 160            |
| # OF RELIEF VALVES                        | 1              | 1              | 1              | 1              | 1              | 1              |
| RELIEF VALVE SIZE                         | 1-1/4"         | 1"             | 1"             | 1"             | 1"             | 1-1/4"         |
| RELIEF VALVE RATING (MBH)                 | 1,954,000      | 1,954,000      | 1,954,000      | 1,954,000      | 1,954,000      | 3,075,000      |
| RELIEF VALVE PRESSURE RATING (PSI)        | 50             | 50             | 50             | 50             | 50             | 50             |
| <b>GAS</b>                                |                |                |                |                |                |                |
| INLET CONNECTION                          | 1-1/4"         | 1-1/4"         | 1-1/2"         | 1-1/2"         | 1-1/2"         | 1-1/2"         |
| MAX. INLET PRESSURE, NAT                  | 14" w.c        | 14" w.c        | 14" w.c        | 14" w.c        | 14" w.c        | 14" w.c        |
| MIN. INLET PRESSURE, NAT                  | 4" w.c.        | 4" w.c.        | 4" w.c.        | 4" w.c.        | 4" w.c.        | 4" w.c.        |
| MAX. INLET PRESSURE, LP                   | 14" w.c        | 14" w.c        | 14" w.c        | 14" w.c        | 14" w.c        | 14" w.c        |
| MIN. INLET PRESSURE, LP                   | 4" w.c.        | 4" w.c.        | 4" w.c.        | 4" w.c.        | 4" w.c.        | 4" w.c.        |
| BTU/HR INPUT                              | 750,000        | 999,000        | 1,250,000      | 1,500,000      | 1,750,000      | 1,999,000      |
| BTU/HR OUTPUT (HIGH FIRE)                 | 720,000        | 960,000        | 1,200,000      | 1,440,000      | 1,680,000      | 1,920,000      |
| BTU/HR OUTPUT (LOW FIRE)                  | 48,100         | 48,100         | 60,125         | 57,720         | 67,340         | 76,960         |
| <b>ELECTRICAL</b>                         |                |                |                |                |                |                |
| VOLTAGE/HEATER                            | 120/1PH        | 120/1PH        | 120/1PH        | 120/1PH        | 120/1PH        | 120/1PH        |
| VOLTAGE/CONTROL                           | 24             | 24             | 24             | 24             | 24             | 24             |
| AMP DRAW (BOILER )                        | 5              | 6              | 7              | 10             | 10             | 13             |
| AMP DRAW (PUMP )                          | 9              | 9              | 9              | 9              | 9              | 9              |
| # OF ELECTRICAL CONNECTIONS               | 2              | 2              | 2              | 2              | 2              | 2              |
| <b>DIMENSIONS</b>                         |                |                |                |                |                |                |
| HEIGHT                                    | 79"            | 79"            | 79"            | 79"            | 79"            | 79"            |
| WIDTH OF FRAME                            | 30"            | 30"            | 30"            | 30"            | 30"            | 30"            |
| DEPTH                                     | 87-3/4"        | 87-3/4"        | 87-3/4"        | 97-3/4"        | 97-3/4"        | 97-3/4"        |
| <b>SERVICE CLEARANCES</b>                 |                |                |                |                |                |                |
| FRONT                                     | 30"            | 30"            | 30"            | 30"            | 30"            | 30"            |
| BACK OF PACKAGE                           | 18"            | 18"            | 18"            | 18"            | 18"            | 18"            |
| RIGHT SIDE OF BOILER                      | 24"            | 24"            | 24"            | 24"            | 24"            | 24"            |
| LEFT SIDE OF BOILER                       | 24"            | 24"            | 24"            | 24"            | 24"            | 24"            |
| TOP                                       | 24"            | 24"            | 24"            | 24"            | 24"            | 24"            |
| POOL HEAT EXCHANGER (RECOMMEND ALL SIDES) | 18"            | 18"            | 18"            | 18"            | 18"            | 18"            |
| <b>POOL HEAT EXCHANGER</b>                |                |                |                |                |                |                |
| RECOMMENDED POOL WATER FLOW (GPM)         | 96             | 128            | 167            | 192            | 215            | 225            |
| CONNECTION SIZE                           | 3"             | 3"             | 3"             | 3"             | 3"             | 3"             |
| <b>DIRECT VENTING</b>                     |                |                |                |                |                |                |
| VENT SIZE                                 | 6"             | 6"             | 8"             | 8"             | 8"             | 8"             |
| AIR INLET SIZE                            | 6"             | 6"             | 6"             | 8"             | 8"             | 8"             |
| VENT CATEGORY                             | IV             | IV             | IV             | IV             | IV             | IV             |
| VENT MATERIAL                             | PVC/CPVC/PP/SS | PVC/CPVC/PP/SS | PVC/CPVC/PP/SS | PVC/CPVC/PP/SS | PVC/CPVC/PP/SS | PVC/CPVC/PP/SS |

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