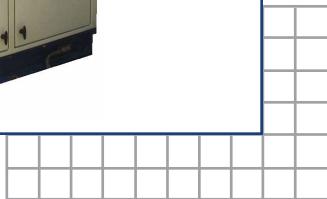


GTE1600i

FOR LARGE GAS TURBINES 120 - 200 MW

REQUIREMENTS

- > Supply water pressure...15 - 150 PSIG (1 - 10.5 bar)
- > Water temperature...Max 140° F (60° C)
- > Fluid...10 ppm demineralized or deionized water (required min)
- > Supply air pressure...80 - 150 PSIG @ 16 SCFM (5.5 - 10 bar)
- > Air requirements...Instrument quality air
- > Fluid (low viscosity, non-corrosive additive)...OEM recommended cleaning liquid



CONNECTIONS

- > Supply water...1 ½ in 150 lb stainless steel RF flange
- > Additive...Manual additive filler cap and ¾ in NPT for hard mount
- > Drain ¾ in stainless steel tube connector
- > Pressure outlet...1 ½ in 600 lb stainless steel RF flange
 - Optional:
Second 1 ½ in 600 lb stainless steel RF flange
- > Air supply...½ in stainless steel tube connector
- > Power supply...2 in conduit connection
- > Communications...1 in conduit connection

TECHNICAL DATA

- | | |
|--|--|
| > Length 76 in (1930 mm) | > Component enclosure rating UL Type 4 or NEMA 4 |
| > Width 54.5 in (1384.3 mm) | Optional enclosure rating UL Type 4X or NEMA 4X |
| > Height 91.7 in (2329.9 mm) | > System operation range 32 - 120° F (0 - 49° C) |
| > Dry Weight (without options) 3500 lb (1587 kg) | Optional purge cooler system extended operation 32 - 140° F (0 - 60° C) |
| > Ambient temperature range -13 - 120° F (6.5 - 49° C) | > System storage range dry -13 - 158° F (-25 - 70° C) with 5 - 95% without condensation relative humidity |

EQUIPMENT

- > Chassis...RAL 5019, ASTM A36 carbon steel
 - Optional:
Enclosure: RAL 7035, ASTM A36 carbon steel
Feature: 304 L stainless steel chassis and enclosure
Feature: 500 W enclosure heater
- > Power supply...3 phase 480 V - 60 Hz, 70 A disconnect/ 2
 - Optional:
3 phase 480 V - 60 Hz, 150 A disconnect/ 4
3 phase 480 V - 60 Hz, 225 A disconnect/ 6
- > Tank heater elements...18 kW/ea, 2 standard
 - Optional:
18 kW/ea, 4 elements total
18 kW/ea, 6 elements total
- > Effective volume of tank:
(water)...423 gal (1600 L) ANSI 304L stainless steel
 - > Water pump...Stainless steel piston style pump
 - > Water working pressure range...600 - 1200 psi (40 - 80 bar)
 - > Water max pump flow range...25 - 42 USgpm (95 - 159 L/min)
 - > Water electric motor...25 hp (18.5 kW)
- > Tropical protection
- > Additive working pressure...600 - 1200 psi (40 - 80 bar)
- > Additive pump...Stainless steel piston style pump
- > Additive pump flow range...5 - 8.5 USgpm (18.9 - 45 L/min)
- > Additive electric motor...7.5 hp (5.5 kW)
- > VFD controlled additive injection
- > Tropical protection
- > Effective volume of tank:
(additive)...84 gal (318 L) ANSI 304 L stainless steel
- > Filter (discharge)...25 microns
- > Conductivity meter...Supply water probe
 - Optional:
On-crank discharge effluent probe

POWER^{MADE}
EFFICIENT.