

# CHIE Series

## (Single and Dual Pump VFD Pump Stations)

Low Flow Solutions: Low Flow Pump Stations (Up to 80 gpm) for Irrigation and Water Features.

Constant pressure variable flow pump stations with single or dual pump(s) with integral variable frequency drive (VFD) and PI controller, lighting protection, pre-wired heater and fan circuits, and On/Off switch, lockable marine grade aluminum enclosure with exhaust fan(s) and optional heater, Type L copper suction/discharge piping with brass union connections and fittings, complete with Rain Bird's authorized factory startup.

Horizontal, close-coupled centrifugal pump(s) with 316SS liquid end, mechanical shaft seal with both stationary and rotating seal faces constructed of silicon carbide with EPDM elastomers, cast iron motor adapter, coupled to a TEFC motor with variable frequency drive (VFD), PI controller, and user interface integrated into the motor housing providing discharge pressure set-point adjustment via plus/minus buttons, dry-run control, motor protection logic, and painted steel base plate.

Dual pump station configuration ideal for irrigation applications with drip and spray zones coupled with 80 gpm or less rotor zones.

### Operating Range

- Flow range: 0 - 80 gpm
- Boost range: 0 - 60 PSIG
- Maximum operating pressure: 145 PSIG
- Sound pressure level:  $\leq 67$  dB(A)

### Electric Specifications

- Input required: 60Hz
- 1 Phase 230V (1/2 - 3 hp)



[click to enlarge](#)

### Helpful Tools



[Pump Specification Guide](#)  
(PDF: 417 KB)

### Need help specifying a pump?

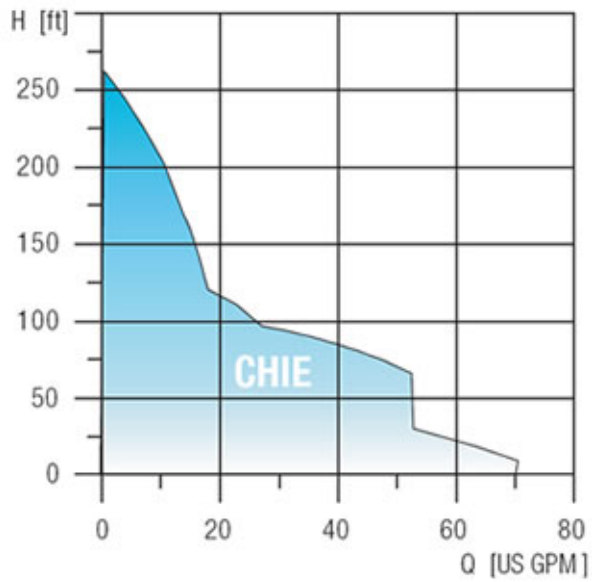
Call 520-806-5620 or  
click here to have a  
Rain Bird Pump Sales  
Rep contact you for  
assistance with quotes



### Distributor Referral

Find a Rain Bird  
Pump Station  
distributor in  
your local area.





#### Flow Range & Horsepower

Pump Model	Flow Range (gpm)	Boost Range (PSIG)	hp Range
Single Pump Stations			
CHIE-2 (1" NPT)	0-16	0-60	3/4 - 1.5
CHIE-4 (1.25" NPT)	0-25	0-50	1/2 - 1.5
CHIE-8 (1.5" NPT)	0-40	0-30	1.5
Dual Pump Stations			
(2) CHIE-2 (1.5" NPT)	0-32	0-60	1.5-3
(2) CHIE-4 (2.0" NPT)	0-50	0-50	1-3
(2) CHIE-8 (2.0" NPT)	0-80	0-30	3