



### NPE Buffer System: 1x NPE-32S & 500 Litre Buffer Storage

#### Product Description

WRAS Approved, Fully Modulating, Continuous Flow Water Heater Modular System for DHW Generation.

The NPE Modular System range is suitable for a variety of DHW generation requirements in commercial applications. Each WRAS approved unit is constructed with stainless steel heat exchanger, and a pre-mix burner for low NOx emissions.

Please see NPE Technical Product Submittal & ProStor NPE DHW Buffer Vessel Technical Product Submittal for further information.

#### NPE Buffer System Features:

- Modular System
- Easy to Install
- Compact Physical Footprint
- Easy to Service Maintain
- Compact Physical Footprint
- Easy to Service Maintain



#### Technical Specification: Buffer System: 1x NPE-32S & 500 Litre Storage

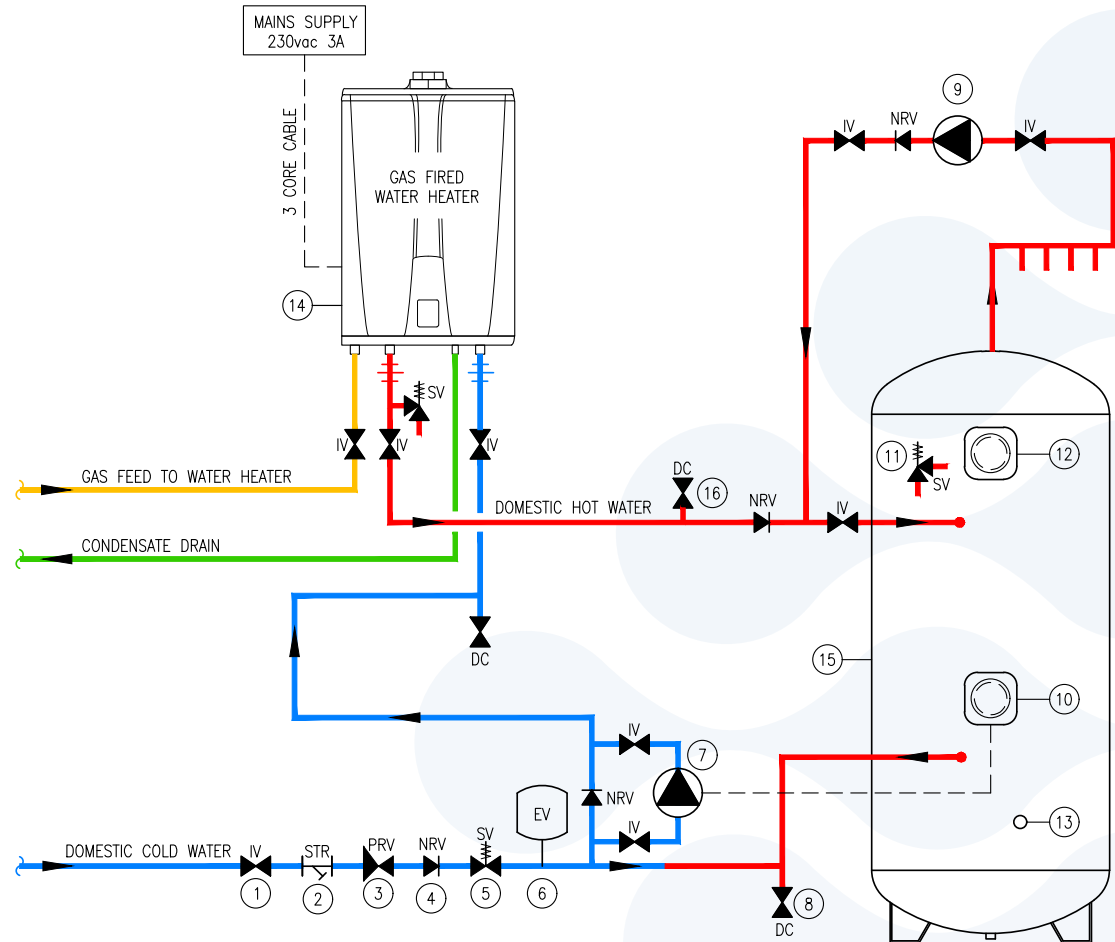
Number of NPE-32S Units	1	Fuel Type	Natural Gas or LPG
System Heat Output (kw)	52.8	Gas Inlet Pressure (mbar)	20 Natural Gas   32 LPG
Storage Vessel Capacity (litres)	500	Maximum Operating Pressure (bar)	10
First Hour DHW Output (l/hr) @ 50 Deg C Rise	1408	Minimum Operating Pressure (bar)	1
Second Hour DHW Output (l/hr) @ 50 Deg C Rise	908		



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## KEY

- ① ISOLATING VALVE
- ② STRAINER
- ③ PRESSURE REDUCING VALVE
- ④ NON RETURN VALVE
- ⑤ SAFETY RELIEF VALVE
- ⑥ EXPANSION VESSEL
- ⑦ PRIMARY PUMP
- ⑧ DRAIN
- ⑨ SECONDARY RETURN PUMP
- ⑩ TSTAT 1 - CONTROL THERMOSTAT
- ⑪ TEMPERATURE & PRESSURE RELIEF VALVE
- ⑫ TSTAT 2 - MANUAL RESET OVERHEAT THERMOSTAT
- ⑬ DRAIN
- ⑭ NAVIEN NPE TANKLESS WATER HEATER
- ⑮ DHW STORAGE CYLINDER
- ⑯ DRAIN POINT FOR COMMISSIONING WATER HEATER



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