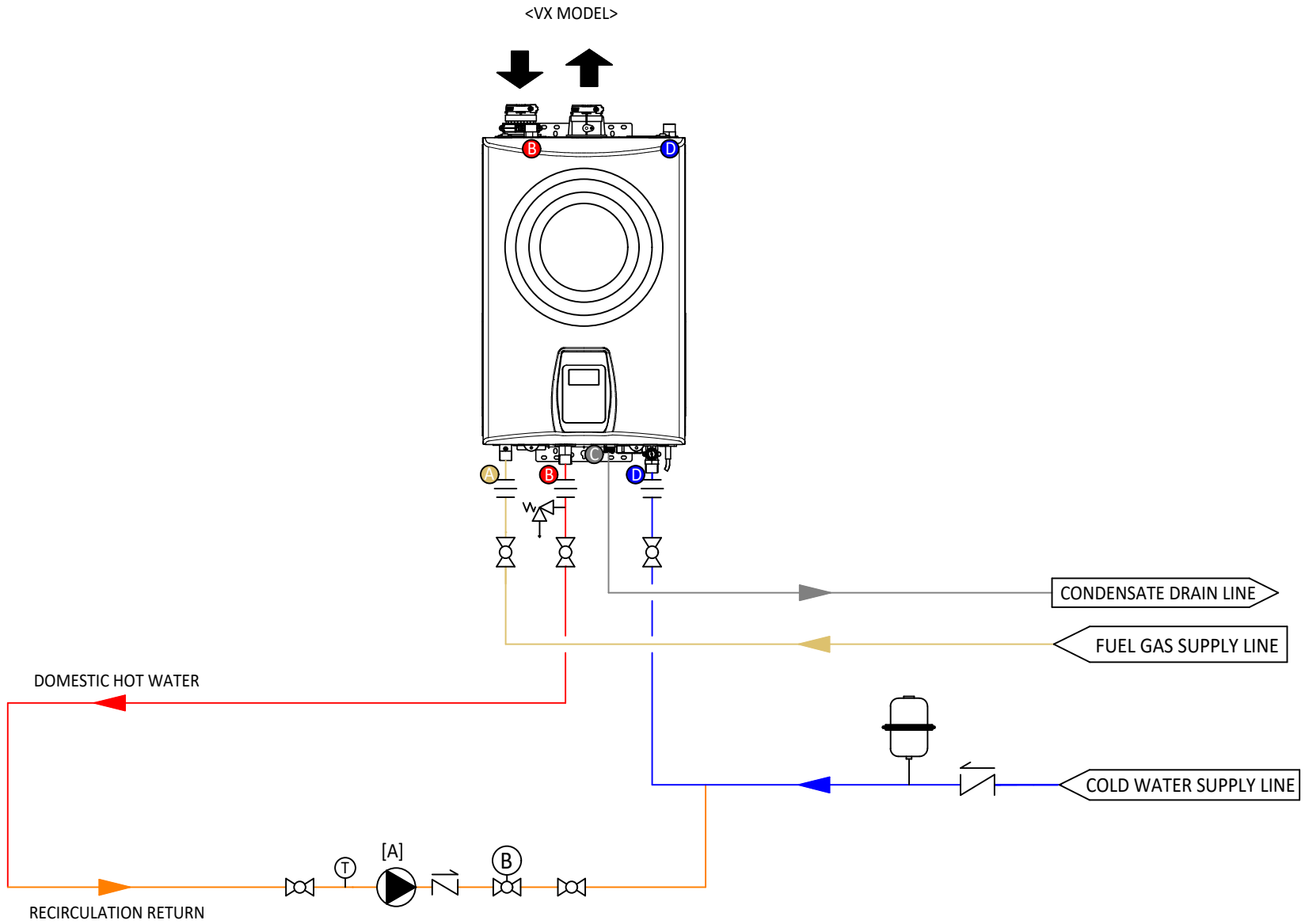
This piping drawing is intended only as a guide and not as a replacement for professional engineering project drawings. Furthermore, this concept drawing is not intended to depict all piping systems, nor does it imply compliance with local building codes. Actual installation must be performed in accordance with all local building codes. If needed, consult with local building officials before installing the water heater.



LEGEND

- UNION
- CHECK VALVE
- BALL VALVE
- BALANCING VALVE
- EXPANSION TANK
- PRESSURE RELIEF VALVE
- AQUASTAT

CONNECTOR SIZE		RECOMMENDED PIPE SIZE	
A	3/4 "	2 UNITS	1 "
B	3/4 "	3 UNITS	1 - 1/4 "
C	1/2 "	4-5 UNITS	1 - 1/2"
D	3/4 "	6-8 UNITS	2"
		9-14 UNITS	2 - 1/2"
		15 UNITS	3"

NOTE

1. "[A]" SELECT THE EXTERNAL CIRCULATOR PERFORMANCE BASED ON A FLOW RATE OF 2 TO 3 GPM PER UNIT. THE PUMP CAPACITY MUST BE DETERMINED BY ADDING THE WATER HEATER PRESSURE DROP (APPROX. 8 PSI) TO THE TOTAL FRICTION LOSS FROM FIELD PIPING, VALVES, AND FITTINGS.

VESTA.DS,Inc.

VESTA.DS incorporation_401 South Dupont Ave. Ontario CA 91761

TITLE: VX(1UNIT)& EXT PUMP CASCADE SYSTEM

DRAW NO.	DATE	SCALE	REV
VX-1-EXT PUMP	26/6/24	NONE	1