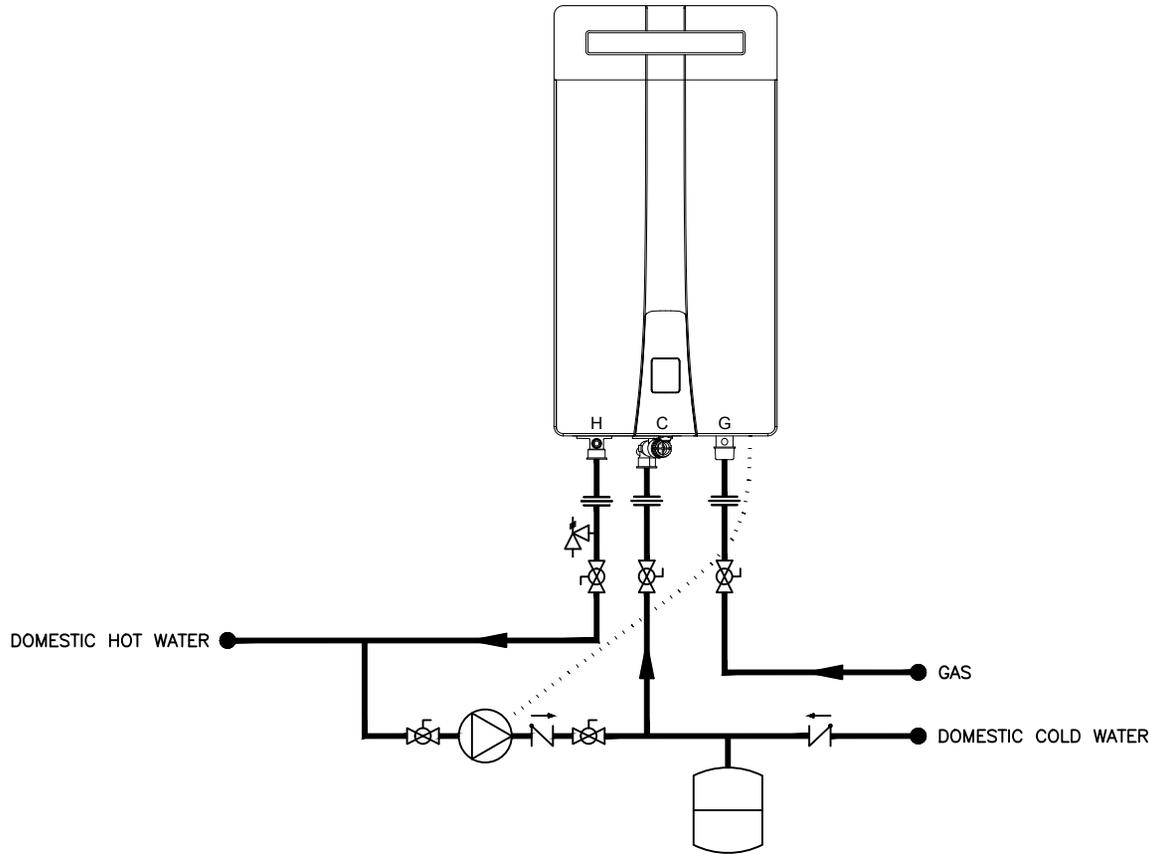


THIS DRAWING IS INTENDED ONLY AS A GUIDE AND NOT AS A REPLACEMENT FOR PROFESSIONALLY ENGINEERED PROJECT DRAWINGS. THIS CONCEPT SYSTEM DRAWING DOES NOT IMPLY COMPLIANCE WITH LOCAL BUILDING CODES. ACTUAL INSTALLATION MAY VARY DEPENDING ON INSTALLATION LOCATION AND PARAMETERS AND IT MUST BE DONE IN ACCORDANCE TO ALL LOCAL BUILDING CODES. VERIFY WITH LOCAL BUILDINGS OFFICIALS BEFORE COMMENCEMENT OF SYSTEM INSTALLATION. CHANGES OR MODIFICATIONS TO PIPING OR DESIGN IS NOT TO BE PERFORMED WITHOUT EXPRESSED WRITTEN PERMISSION BY NAVIEN, INC.



TANKLESS QUANTITY: RECOMMENDED PIPE SIZE

1 UNIT: 3/4"

2 UNITS: 1"

3 UNITS: 1-1/4"

4-5 UNITS: 1-1/2"

6-8 UNITS: 2"

9-14 UNITS: 2-1/2"

15-16 UNITS: 3"

SYMBOL LEGEND



20 GOODYEAR  
IRVINE, CA 92618  
800-519-8794  
www.navienc.com

DRAWN BY:

S. STOEKE

NPN-U SERIES TANKLESS WATER HEATER WITH OUTDOOR VENT CAP

(1) NPN-U TANKLESS WATER HEATER WITH EXTERNAL RECIRCULATION  
SHOWN WITH NAVIEN PUMP WIRE ACCESSORY AND OUTDOOR VENT CAP  
INCLUDES MODELS 150, 180 AND 199

NPN-U-1-EC-OVC

DECEMBER 7, 2020



UNION



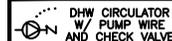
CHECK VALVE



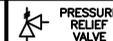
FULL-PORT VALVE



EXPANSION TANK



DHW CIRCULATOR  
W/ PUMP WIRE  
AND CHECK VALVE



PRESSURE  
RELIEF  
VALVE



CIRCULATOR



OUTDOOR  
VENT CAP