

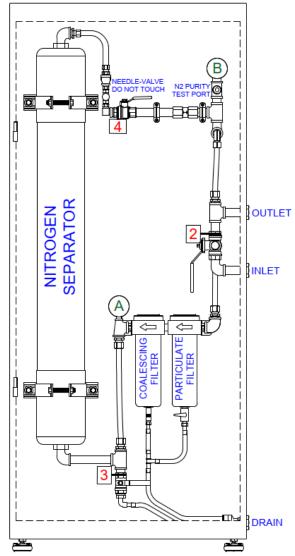




Effective: August 2024

## **OPERATING INSTRUCTIONS**

VALVES				
VALVE DESIGNATION	VALVE DESCRIPTION	NORMAL POSITION	BYPASS POSITION	
2	BYPASS VALVE	OPEN (HANDLE FACING DOWN)	BYPASS (HANDLE FACING OUT)	
3	VENT VALVE	CLOSED	CLOSED	
4	SHUTOFF VALVE	OPEN	CLOSED	



Ш	MODEL NGM-G2-20	(10,000 GAL CAPACITY)
	MODEL NGM-G2-30	(18,000 GAL CAPACITY)

■ MODEL NGM-G2-60 (30,000 GAL CAPACITY)

PERFORMING SPRINKLER SYSTEM 30 MINUTE		
	INITIAL FILL WITH AIR	
STEP	DESCRIPTION	
1	Move BYPASS VALVE (2) to the BYPASS position (handle	
2	facing out) Apply pressure to inlet from compressor	
	11 / 1	
3	Allow the sprinkler system to fill with air. Supervisory pressure should be reached in 30 minutes or less	
4	Once supervisory pressure is reached, return all valves to the NORMAL POSITION per VALVES table	

TO START UP NITROGEN-PAC™	
STEP	DESCRIPTION
1	Position all valves in NORMAL POSITION per VALVES table
2	Apply pressure to inlet from compressor

TO SHUT DOWN NITROGEN-PAC™	
STEP	DESCRIPTION
1	Position all valves to NORMAL POSITION per VALVES table
2	Move SHUTOFF VALVE (4) to the closed position
3	Remove pressure from inlet
4	Vent pressure using VENT VALVE (3) until all pressure gauges read ZERO

TO SAMPLE NITROGEN PURITY AT TEST PORT	
STEP	DESCRIPTION
1	Power ON Nitrogen Analyzer (Model NA-2)
2	Calibrate Nitrogen Analyzer using self-calibration features
3	Attach Nitrogen Analyzer to N2 PURITY TEST PORT
4	Read nitrogen concentration on Nitrogen Analyzer
5	Detach Nitrogen Analyzer from N2 PURITY TEST PORT

	TO SERVICE FILTERS	
STEP	DESCRIPTION	
1	Position all valves to BYPASS POSITION per VALVES table	
2	Move SHUTOFF VALVE (4) to the CLOSED position	
3	Vent pressure using VENT VALVE (3) until pressure gauge A reads ZERO	
4	Perform filter service per instructions	
5	Return all valves to the NORMAL POSITION per VALVES table	

## FOR MORE INFORMATION

For more detailed information, refer to Manul P/N 30-NPMICM-0G2. Manual is available on our website; www.unitedfiresystems.com

**UNITED Fire Systems** 

Division of United Fire Protection Corporation

1 MARK ROAD

KENII WORTH NIL 07023 LISA

KENILWORTH, NJ 07033 USA PHONE: 908-688-0300 This literature is provided for informational purposes only. UNITED Fire Systems assumes no responsibility for the product's suitability for a particular application. The information in this document is believed to be correct at the time of publication. UNITED Fire Systems reserves the right to add to, delete, or revise any information in this document without notice.