

COMMERCIAL/INDUSTRIAL DIRECT-OPERATED HIGH-PRESSURE REGULATORS

UL® Listed Type 627 Constructions											
TYPE	CAPACITIES ⁽¹⁾ PROPANE		ORIFICE SIZE		INLET AND OUTLET CONNECTION	OUTLET PRESSURE RANGE		SETPOINT		MAXIMUM OPERATING INLET PRESSURE	
	BTU / hr	SCMH	In.	mm		psig	bar	psig	bar	psig	bar
627-5810	6,080,000	68.4	3/8	9.5	3/4 in. FNPT	5 to 20	0.34 to 1.4	10	0.69	250	17.2
627-5810V											
627-6210	10,755,000	121	1/2	13	1 in. FNPT	5 to 20	0.34 to 1.4	10	0.69	250	17.2
627-6210V											
627-7710	10,773,000	121	1/2	13	1 in. FNPT	5 to 20	0.34 to 1.4	10	0.69	250	17.2
627-7710V											

1. For UL listed Type 627 configurations, capacity based on inlet pressure of 30 psig / 2.1 bar Internal registration and 20% droop.
NOTE: Additional spring ranges and body styles available. Ask your LPG Equipment Distributor for additional configurations and for more information.

Non-UL listed Type 627 Constructions											
TYPE	CAPACITIES ⁽²⁾ PROPANE		ORIFICE SIZE		INLET AND OUTLET CONNECTION	OUTLET PRESSURE RANGE		SETPOINT		MAXIMUM OPERATING INLET PRESSURE	
	BTU / hr	SCMH	In.	mm		psig	bar	psig	bar	psig	bar
627R-117 ⁽³⁾	10,755,000	121	1/2	13	3/4 in. FNPT	5 to 20	0.34 to 1.4	10	0.69	200	13.8
627M-421 ⁽⁴⁾										250	17.2
627R-197 ⁽³⁾	10,773,000	121	1/2	13	1 in. FNPT	5 to 20	0.34 to 1.4	10	0.69	200	13.8
627M-471 ⁽⁴⁾										250	17.2
627-497	14,837,000	167	1/2	13	2 in. FNPT	15 to 40	1.0 to 2.8	40	2.8	250	17.2
627-577	20,948,000	235	1/2	13	2 in. FNPT	15 to 40	1.0 to 2.8	40	2.8	250	17.2

2. For Non-UL listed Types 627 and 630 configurations, capacity based on inlet pressure 20 psig / 1.4 bar greater than outlet pressure, Internal registration and 20% droop.
3. "R" denotes token relief. Check with your LPG Equipment Distributor on relief capacities.
4. For monitor applications. Standard with blocked throat and external sensing.
NOTE: Additional spring ranges and body styles available. Ask your LPG Equipment Distributor for additional configurations and for more information.

Type 630 Regulator											
TYPE	CAPACITIES IN BTU PER HOUR / SCMH PROPANE ⁽²⁾		ORIFICE SIZE		INLET AND OUTLET CONNECTION	OUTLET PRESSURE RANGE		SETPOINT		MAXIMUM OPERATING INLET PRESSURE	
	BTU / hr	SCMH	In.	mm		psig	bar	psig	bar	psig	bar
630-104-78	14,000,000	158	1/2	13	2 in. FNPT	8 to 20	0.55 to 1.4	10	0.69	250	17.2

2. For Non-UL listed Types 627 and 630 configurations, capacity based on inlet pressure 20 psig / 1.4 bar greater than outlet pressure, Internal registration and 20% droop.
NOTE: Additional spring ranges and body styles available. Ask your LPG Equipment Distributor for additional configurations and for more information.