

# COMMERCIAL/INDUSTRIAL DIRECT-OPERATED HIGH PRESSURE REGULATORS

High Pressure Commercial/Industrial Regulators						
TYPE NUMBER	CAPACITIES IN BTU per hour / SCMH PROPANE	ORIFICE SIZE, INCHES / mm	INLET AND OUTLET CONNECTIONS	OUTLET PRESSURE RANGE, psig / bar	OUTLET PRESSURE SETTING, psig / bar	MAXIMUM OPERATING INLET PRESSURE, psig / bar
627R-113 <sup>(5)</sup>	6 080 000 / 68,4	3/8 / 9,5	3/4-inch FNPT	5 to 20 / 0,34 to 1,4	10 / 0,69	200 / 13,8
627-5810 <sup>(3)</sup>	6 080 000 / 68,4					250 / 17,2
627-5810V	6 080 000 / 68,4					250 / 17,2
627M-421 <sup>(4)</sup>	10 755 000 / 121	1/2 / 13	3/4-inch FNPT	5 to 20 / 0,34 to 1,4	10 / 0,69	250 / 17,2
627R-117 <sup>(5)</sup>	10 755 000 / 121					200 / 13,8
627-6210 <sup>(3)</sup>	10 755 000 / 121					250 / 17,2
627-6210V	10 755 000 / 121					250 / 17,2
627R-193 <sup>(5)</sup>	7 434 000 / 83,5	3/8 / 9,5	1-inch FNPT	5 to 20 / 0,34 to 1,4	10 / 0,69	200 / 13,8
627-117	14 632 000 / 164			15 to 40 / 1,0 to 2,8	40 / 2,8	250 / 17,2
627-493	14 632 000 / 164					250 / 17,2
627R-194 <sup>(5)</sup>	14 632 000 / 164			200 / 13,8		
627-496	10 773 000 / 121	1/2 / 13	1-inch FNPT	5 to 20 / 0,34 to 1,4	10 / 0,69	250 / 17,2
627-576	10 773 000 / 121					250 / 17,2
627M-471 <sup>(4)</sup>	10 773 000 / 121					250 / 17,2
627R-197 <sup>(5)</sup>	10 773 000 / 121					200 / 13,8
627-7710 <sup>(3)</sup>	10 773 000 / 121			250 / 17,2		
627-7710V	10 773 000 / 121			250 / 17,2		
627-497	14 837 000 / 167			15 to 40 / 1,0 to 2,8	40 / 2,8	250 / 17,2
627R-198 <sup>(5)</sup>	14 837 000 / 167					200 / 13,8
627-577	20 948 000 / 235	1/2 / 13	2-inch FNPT	15 to 40 / 1,0 to 2,8	40 / 2,8	250 / 17,2
627M-268 <sup>(4)</sup>	20 948 000 / 235					250 / 17,2
630-104/78	14 000 000 / 158	1/2 / 13	2-inch FNPT	8 to 20 / 0,55 to 1,4	10 / 0,69	250 / 17,2
630-104/78F	14 000 000 / 158	1/2 / 13	2-inch / DN 50 CL300 FF	8 to 20 / 0,55 to 1,4	10 / 0,69	250 / 17,2
1301F-1	3 863 000 / 43,5 <sup>(2)</sup>	5/64 / 2,0	1/4-inch FNPT	10 to 75 / 0,69 to 5,2	75 / 5,2	6000 / 414

1. For Types 627 and 630, capacity based on inlet pressure 20 psig / 1,4 bar greater than outlet pressure, Internal registration, and 20% droop.  
 2. Capacity based on 2000 psig / 138 bar inlet pressure and 10% droop.  
 3. UL listed construction.  
 4. For Monitor Applications. Standard with blocked throat and external sensing.  
 5. "R" denotes token relief. Check with your LP-Gas Equipment Distributor on relief capacities.  
 NOTE: Additional spring ranges and body styles are available. Ask your LP-Gas Equipment Distributor for additional configurations and for more information.