

## Technical Bulletin 2017-02

### Update, Pietro Fiorentini Regulator Capacities

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This technical bulletin addresses the capacity changes on *Pietro Fiorentini regulators* supplied by Gastite, which now include a filter on the inlet. Please utilize the following capacity tables for Pietro Fiorentini regulator selection. This information will be included in the next version of Gastite/FlashShield Design & Installation Guides.

<b>TABLE 4-7</b>						
<b>REGULATOR CAPACITY FOR NATURAL GAS WITH AN 8" WC OUTLET PRESSURE (CAPACITIES - 0.64 SP GR GAS EXPRESSED IN CFH)</b>						
Model Number	Outlet Pressure	Operating Inlet Pressure				
		1/2 PSI	3/4 PSI	1 PSI	1-1/2 PSI	2 PSI
T325-3-44/Reg8-300	8" WC	145	200	250	250	250
T325-5-44/Reg8-600	8" WC	335	475	550	550	550
T325-7AL-NG01	8" WC	690	970	1,250	1,250	1,250
T325-3L48 (OPD)	8" WC	160	200	200	200	200
T325-5AL600 (OPD)	8" WC	345	425	425	425	425
T325-7L-210D (OPD)	8" WC	650	900	1,250	1,250	1,250
<b>30051-NG (PF p/n 31051)</b>	<b>8" WC</b>	<b>306</b>	<b>442</b>	<b>552</b>	<b>710</b>	<b>785</b>
<b>30052-NG (PF p/n 31052)</b>	<b>8" WC</b>	<b>369</b>	<b>552</b>	<b>665</b>	<b>888</b>	<b>946</b>
<b>30053-NG (PF p/n 31053)</b>	<b>8" WC</b>	<b>495</b>	<b>718</b>	<b>893</b>	<b>1,154</b>	<b>1,270</b>
<b>30153-NG (PF p/n 31153)</b>	<b>8" WC</b>	<b>2,071</b>	<b>2,344</b>	<b>3,735</b>	<b>4,087</b>	<b>5,311</b>
Capacity value for most typical 2 PSI parallel systems when truck run is sized to deliver 1 PSI to regulator inlet						

<b>TABLE 4-8</b>						
REGULATOR CAPACITY FOR <b>NATURAL GAS WITH AN 11" WC OUTLET PRESSURE</b> (CAPACITIES - 0.64 SP GR GAS EXPRESSED IN CFH)						
Model Number	Outlet Pressure	Operating Inlet Pressure				
		1/2 PSI	3/4 PSI	1 PSI	1-1/2 PSI	2 PSI
T325-3-44P/Reg11-300	11" WC	93	172	225	250	250
T325-5-44P/Reg11-600	11" WC	211	391	511	550	550
T325-7AL-NG01	11" WC	441	816	1,250	1,250	1,250
T325-3L48* (OPD)	11" WC	120	200	200	200	200
T325-5AL600 (OPD)	11" WC	260	425	425	425	425
T325-7L-210D (OPD)	11" WC	490	821	1,250	1,250	1,250
<b>30051-NG* (PF p/n 31051)</b>	<b>11" WC</b>	<b>218</b>	<b>389</b>	<b>511</b>	<b>681</b>	<b>788</b>
<b>30052-LP (PF p/n 31052)</b>	<b>11" WC</b>	<b>263</b>	<b>487</b>	<b>616</b>	<b>852</b>	<b>950</b>
<b>30053-NG* (PF p/n 31053)</b>	<b>11" WC</b>	<b>353</b>	<b>633</b>	<b>826</b>	<b>1,108</b>	<b>1,274</b>
<b>30153-NG* (PF p/n 31153)</b>	<b>11" WC</b>	<b>1,476</b>	<b>2,241</b>	<b>3,457</b>	<b>3,920</b>	<b>5,330</b>
Capacity value for most typical 2 PSI parallel systems when truck run is sized to deliver 1 PSI to regulator inlet						
* Regulator requires field adjustment to obtain output pressure of 11"						

<b>TABLE 4-9</b>						
REGULATOR CAPACITY FOR <b>PROPANE WITH AN 11" WC OUTLET PRESSURE</b> (CAPACITIES - 1.52 SP GR GAS EXPRESSED IN KBTU/h)						
Model Number	Outlet Pressure	Operating Inlet Pressure				
		1/2 PSI	3/4 PSI	1 PSI	1-1/2 PSI	2 PSI
T325-3-44P/Reg11-300	11" WC	147	272	356	395	395
T325-5-44P/Reg11-600	11" WC	333	618	807	869	869
T325-7AL-NG01	11" WC	697	1,289	1,975	1,975	1,975
T325-3L48* (OPD)	11" WC	190	316	316	316	316
T325-5AL600* (OPD)	11" WC	411	672	672	672	672
T325-7L-210D* (OPD)	11" WC	774	1,297	1,975	1,975	1,975
<b>30051-NG* (PF p/n 31051)</b>	<b>11" WC</b>	<b>344</b>	<b>615</b>	<b>807</b>	<b>1,076</b>	<b>1,245</b>
<b>30052-LP (PF p/n 31052)</b>	<b>11" WC</b>	<b>416</b>	<b>769</b>	<b>973</b>	<b>1,346</b>	<b>1,501</b>
<b>30053-NG* (PF p/n 31053)</b>	<b>11" WC</b>	<b>558</b>	<b>1,000</b>	<b>1,305</b>	<b>1,751</b>	<b>2,013</b>
<b>30153-NG* (PF p/n 31153)</b>	<b>11" WC</b>	<b>2,332</b>	<b>3,541</b>	<b>5,462</b>	<b>6,194</b>	<b>8,421</b>
Capacity value for most typical 2 PSI parallel systems when truck run is sized to deliver 1 PSI to regulator inlet						
* Regulator requires field adjustment to obtain output pressure of 11"						