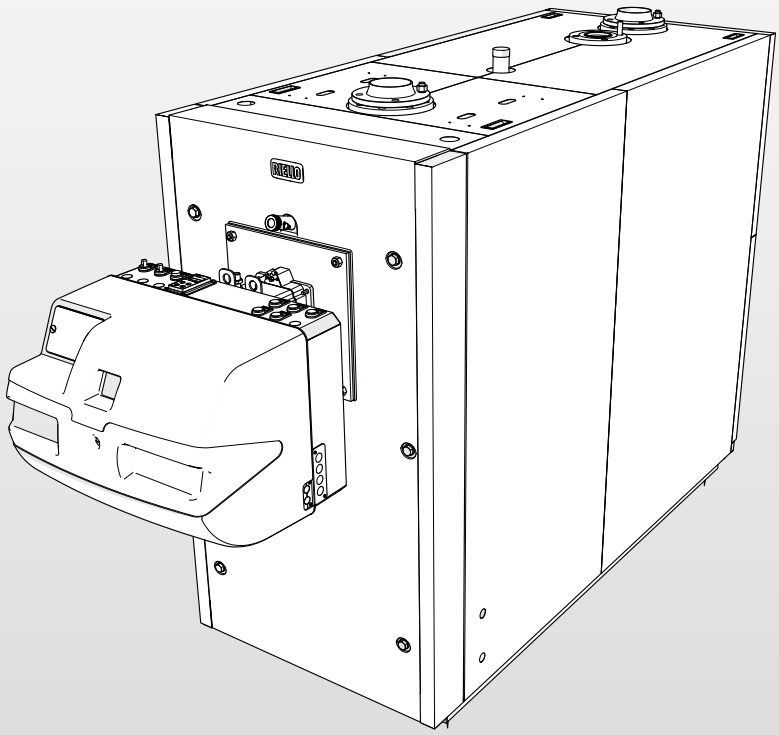
cod. Doc-0097256 rev.1 10/2021

High efficiency commercial heating
Chauffage commercial à haut rendement

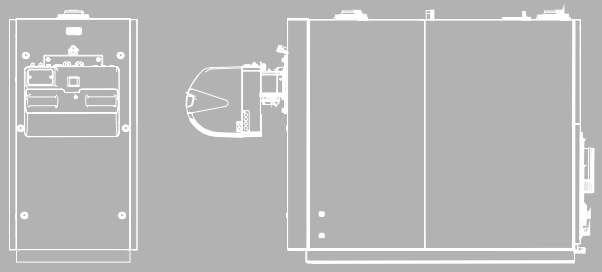


RTC-80

Stainless Steel Condensing Floor Standing Boilers
Chaudières à condensation en acier inoxydable au sol

Boilers water-side pressure loss / Perte de pression côté eau des chaudières

High water content 3-pass stainless steel (316Ti – 316L) condensing boilers
Chaudières à condensation, à grande quantité d'eau, à triple parcours, en acier inoxydable (316Ti – 316L)



A Carrier Company

RIELLO
Energy For Life

WATER-SIDE PRESSURE DROP TABLES / *TABLEAUX DES PERTES DE CHARGE CÔTÉ EAU*

Model / *modèle*	ΔT=20°F		ΔT=30°F		ΔT=40°F		ΔT=60°F	
	Flow rate *Débit*	Pressure drop *perte de pression*	Flow rate *Débit*	Pressure drop *perte de pression*	Flow rate *Débit*	Pressure drop *perte de pression*	Flow rate *Débit*	Pressure drop *perte de pression*
	(GPM) (*)	(psi)	(GPM) (*)	(psi)	(GPM) (*)	(psi)	(GPM) (*)	(psi)
RTC 1000-80	95	0.67	63	0.30	48	0.19	32	0.08
RTC 1300-80	124	0.49	82	0.22	62	0.13	41	0.06
RTC 1700-80	162	0.44	108	0.20	81	0.12	54	0.05
RTC 2300-80	219	1.86	146	0.83	109	0.42	73	0.19
RTC 3000-80	285	1.76	190	0.78	143	0.44	95	0.20
RTC 3800-80	361	1.36	241	0.60	181	0.38	120	0.17
RTC 4700-80	447	1.45	298	0.64	223	0.41	149	0.18
RTC 5500-80	523	2.18	348	0.97	261	0.52	174	0.23

At 95% efficiency and full firing rate / *À un rendement de 95% et à un taux d'allumage maximal*

Model / *modèle*	ΔT=20°F		ΔT=30°F		ΔT=40°F		ΔT=60°F	
	Flow rate *Débit*	Pressure drop *perte de pression*	Flow rate *Débit*	Pressure drop *perte de pression*	Flow rate *Débit*	Pressure drop *perte de pression*	Flow rate *Débit*	Pressure drop *perte de pression*
	(GPM) (*)	(psi)	(GPM) (*)	(psi)	(GPM) (*)	(psi)	(GPM) (*)	(psi)
RTC 1000-80	92	0.63	61	0.28	46	0.18	31	0.08
RTC 1300-80	120	0.46	80	0.20	60	0.12	40	0.05
RTC 1700-80	156	0.41	104	0.18	78	0.11	52	0.05
RTC 2300-80	212	1.74	141	0.78	106	0.39	71	0.18
RTC 3000-80	276	1.65	184	0.73	138	0.41	92	0.18
RTC 3800-80	350	1.28	233	0.57	175	0.36	117	0.16
RTC 4700-80	432	1.36	288	0.60	216	0.38	144	0.17
RTC 5500-80	506	2.04	337	0.91	253	0.49	169	0.22

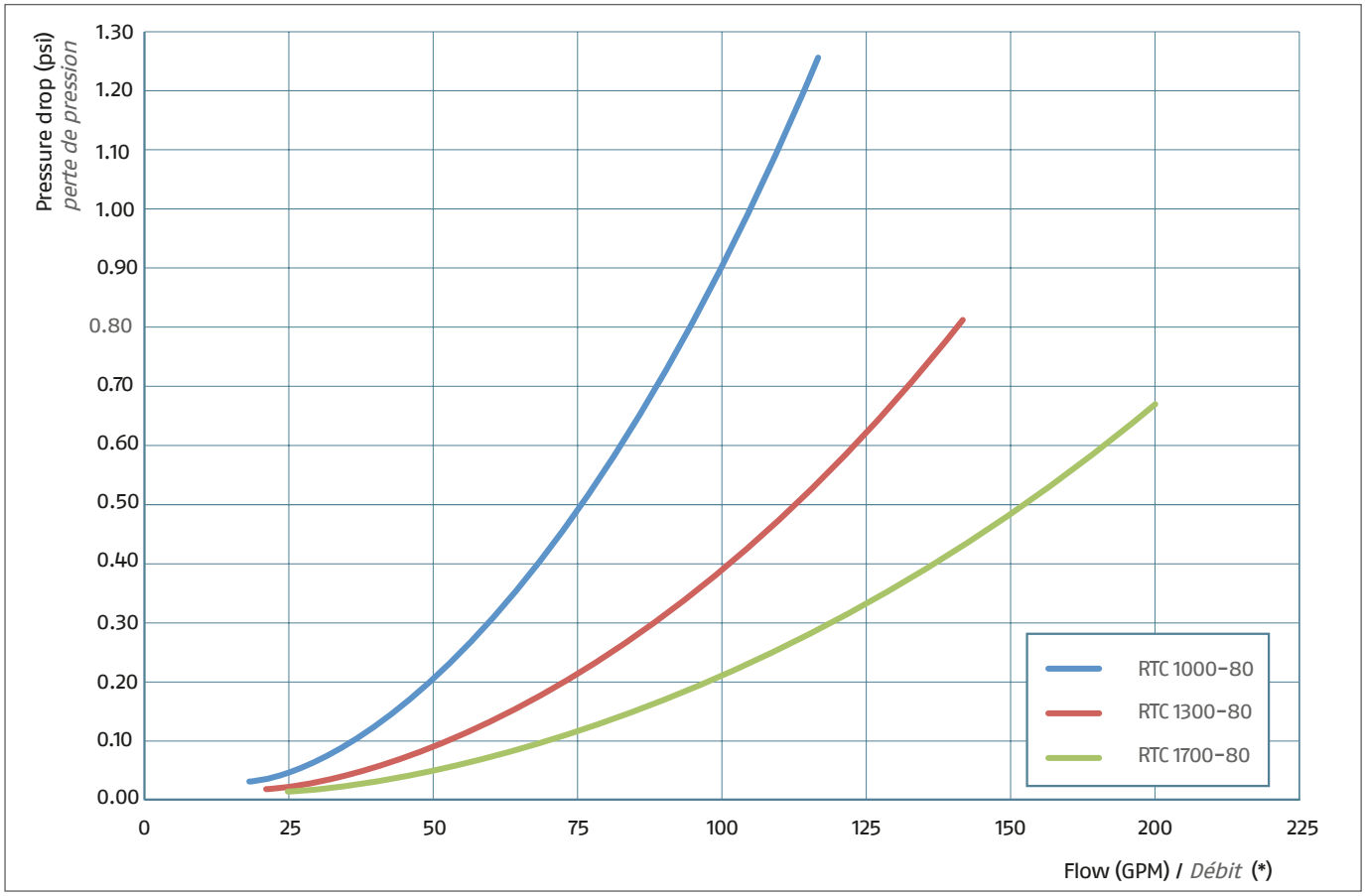
At 92% efficiency and full firing rate / *À un rendement de 92% et à un taux d'allumage maximal*

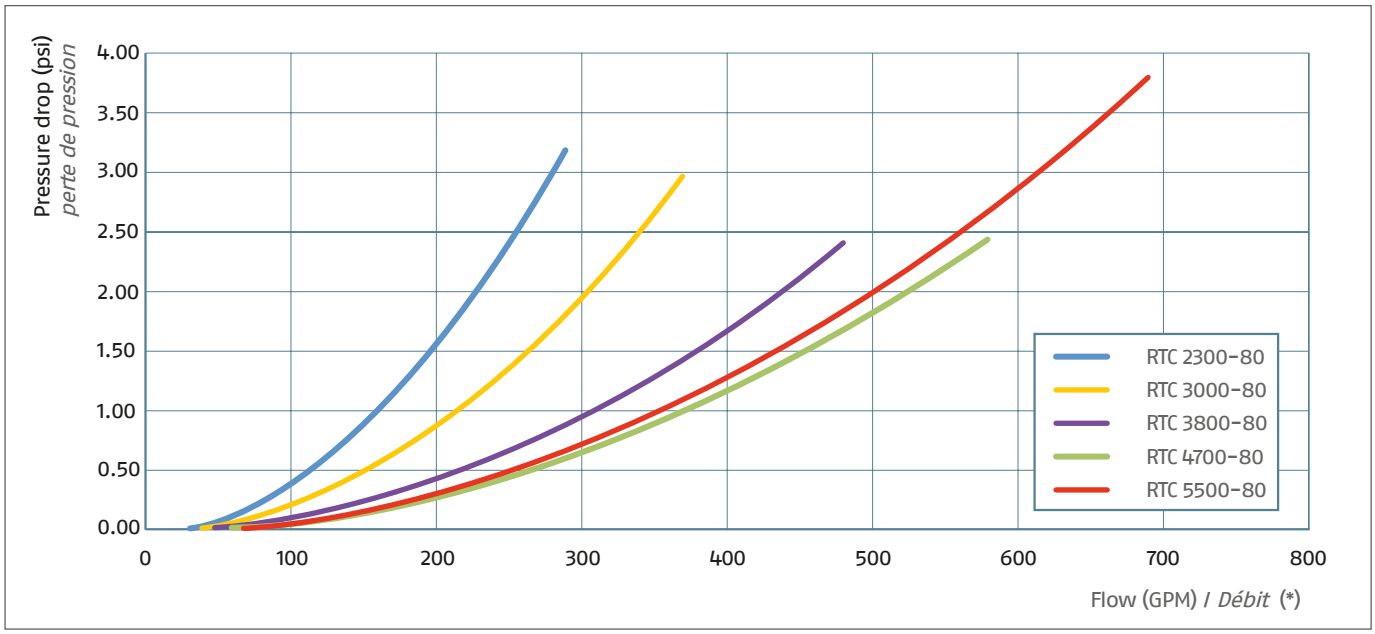
Model / *modèle*	ΔT=20°F		ΔT=30°F		ΔT=40°F		ΔT=60°F	
	Flow rate *Débit*	Pressure drop *perte de pression*	Flow rate *Débit*	Pressure drop *perte de pression*	Flow rate *Débit*	Pressure drop *perte de pression*	Flow rate *Débit*	Pressure drop *perte de pression*
	(GPM) (*)	(psi)	(GPM) (*)	(psi)	(GPM) (*)	(psi)	(GPM) (*)	(psi)
RTC 1000-80	87	0.56	58	0.25	44	0.16	29	0.07
RTC 1300-80	113	0.41	75	0.18	57	0.11	38	0.05
RTC 1700-80	148	0.37	99	0.16	74	0.10	49	0.04
RTC 2300-80	200	1.56	133	0.69	100	0.35	67	0.16
RTC 3000-80	261	1.48	174	0.66	131	0.37	87	0.16
RTC 3800-80	331	1.14	220	0.51	165	0.32	110	0.14
RTC 4700-80	409	1.22	273	0.54	204	0.34	136	0.15
RTC 5500-80	479	1.83	319	0.81	239	0.44	160	0.19

At 87% efficiency and full firing rate / *À un rendement de 87% et à un taux d'allumage maximal*

(*) Units shown are in US Gallons. / *Les unités indiquées sont en gallons américains.*

WATER-SIDE PRESSURE DROP CURVES / *COURBES DE PERTE DE CHARGE CÔTÉ EAU*





(*) Units shown are in US Gallons. / *Les unités indiquées sont en gallons américains.*

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