

# Replacement Table

## Comparison between old Charger models and new Charger Low NOx

In September 2018 EU regulations came into force prohibiting the manufacture of any gas appliance with NOx levels above 56mg/kwh. This effectively rendered all non-condensing water heaters obsolete, however Lochinvar understand that sometimes it is hard to replace a failed water heater with a condensing version due to flue or condense removal considerations. We have developed a range of low NOx atmospheric non-condensing water heaters for use were the installation of a condensing water heater would be difficult or prohibitively expensive. The tables below shows the equivalent low NOx model, further technical details including dimensions, flue sizes to enable an accurate assessment of the differences are available from Lochinvar Limited. See contact details below. We can also advise on a suitable replacement for a non-Lochinvar unit utilising alternative draft diverter types if required.

OLD MODEL NUMBER		155CE/CE155AUTO	200CE/CE200AUTO	300CE/CE300AUTO	400CE/CE400AUTO	500CE/CE500AUTO	600CE/CE600AUTO
OUTPUT	kW	31.9	40.4	45.3	62.9	77.6	97.1
PEAK HOUR @ 50°C RISE*	L/HR	795	933	1065	1351	1556	1872
CLOSEST LOW NOX MATCH		CHL275	CHL275	CHL275	CHL375	CHL550	CHL550
OUTPUT		49.1	49.1	49.1	66.4	89.9	89.9
PEAK HOUR @ 50°C RISE*		1085	1085	1085	1480	1862	1862

OLD MODEL NUMBER		CH/CHA 100	CH/CHA 155	CH/CHA 200	CH/CHA 300	CH/CHA 400	CH/CHA 500	CH/CHA 600	CHA 700
OUTPUT	kW	25.6	31.9	40.4	45.3	62.9	77.6	97.1	107.7
PEAK HOUR @ 50°C RISE*	L/HR	688	795	933	1065	1351	1556	1872	2054
CLOSEST LOW NOX MATCH		CHL275	CHL275	CHL275	CHL275	CHL375	CHL550	CHL550	CHL550
OUTPUT		49.1	49.1	49.1	49.1	66.4	89.9	89.9	89.9
PEAK HOUR @ 50°C RISE*		1085	1085	1085	1085	1480	1862	1862	1862