

# LIQUID TO AIR BARREL INTERCOOLERS



The Liquid to Air Barrel Intercooler is a world first exclusive in its design for the industry. The radical cylindrical shape was designed for race, drag and street applications, providing maximum cooling, airflow and performance efficiencies. A 12- volt pump circulates water throughout the barrel providing a stable outlet temperature and the unique internal baffle system and cooling fins ensures an even amount of cooling is provided within the barrel itself. The Barrel Intercooler requires no ambient (external) airflow and is used in conjunction with a supporting high performance low-temp radiator (LTR) and thermo fan assembly. This enables the Intercooler unit to be mounted as close to the manifold as possible, reducing turbo lag and providing maximum performance.

## Features and Benefits

- Unique cylindrical design aids flow and easy installation
- More rapid effective cooling than air to air
- Promotes more dense air pressure for more boost application
- More consistent intake temperatures than air to air
- Available in many different sizes (universal fit)
- Allows shorter intercooler pipe for less turbo lag
- Improves turbo response
- Available in kit form
- Race and street proven performance
- Core is 100% Controlled Atmosphere Brazed (CAB)
- No Epoxy

C&R Part #	PWR Part #	Description	HP	CFM
56-40000	PWI2292	Barrel Intercooler 4" x 6" x 11.75" OAL w/2.25" inlet/outlet	270	390
56-40002	PWI2921	Barrel Intercooler 4" x 8" x 13.75" OAL w/2.25" inlet/outlet	290	390
56-40006	PWI2920	Barrel Intercooler 4" x 10" x 15.75" OAL w/2.25" inlet/outlet	300	390
56-40010	PWI5881	Barrel Intercooler 5" x 6" x 13.5" OAL w/2.5" inlet/outlet	400	580
56-40020	PWI5881-1	Barrel Intercooler 5" x 6" x 13.5" OAL w/3" inlet/outlet	400	580
56-40022	PWI5884	Barrel Intercooler 5" x 8" x 15.5" OAL w/2.5" inlet/outlet	450	580
56-40024	PWI5886	Barrel Intercooler 5" X 10" x 17.5" OAL w/2.5 inlet/outlet	500	580
56-40028	PWI2919	Barrel Intercooler 6" x 6" x 15" OAL w/3" inlet/outlet	550	920
56-40032	PWI2918	Barrel Intercooler 6" x 8" x 17" OAL w/3" inlet/outlet	600	920
56-40038	PWI2917	Barrel Intercooler 6" x 10" x 19" OAL w/3" inlet/outlet	650	920
56-40042	PWI5207	Barrel Intercooler 8" x 8" x 20" OAL w/4" inlet/outlet	950	1530
56-40048	PWI3204	Barrel Intercooler 8" x 10" x 22" OAL w/4" inlet/outlet	1200+	1530
56-40050	PWI6029	Barrel Intercooler 8" x 12" x 24" OAL w/4" inlet/outlet -16AN water fitting	1200+	1530