

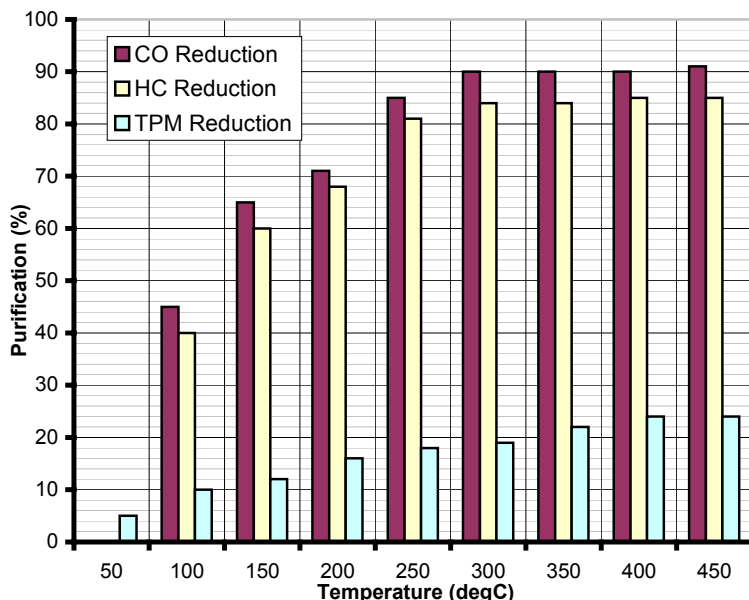
## **CKW – DVC Catalytic Purifier for Diesel Engines**

Effective Emission Control for Diesel Engines up to 46ltrs

### Overview

Colpro-Kat CKW-DVC range of purifiers utilises the Engelhard PTX Ultra Catalyst. The Engelhard PTX Ultra Catalyst is designed for highly effective purification of diesel engine emissions. The purifier reduces Carbon Monoxide (CO), Hydrocarbons (HC) and soluble organics (PM) from the exhaust gases of diesel engines up to 46 litres.

Designed for easy installation and maintenance, this catalytic purifier is well suited to heavy-duty off-road diesel engine applications.



### Performance

The CKW-DVC catalytic purifier functions through the process of oxidation, converting CO and HC to Carbon Dioxide (CO<sub>2</sub>) and water vapour (H<sub>2</sub>O). Catalyst volume and hence purifier size is dependent upon the % conversions required, as well as the exhaust gas flow rate, temperature, and the maximum allowable pressure drop across the purifier.

Please refer to the sizing chart on the reverse for typical sizing details. Please refer to Colpro Engineering (Australia) for any special performance and/or pressure drop requirements.

### Features & Benefits

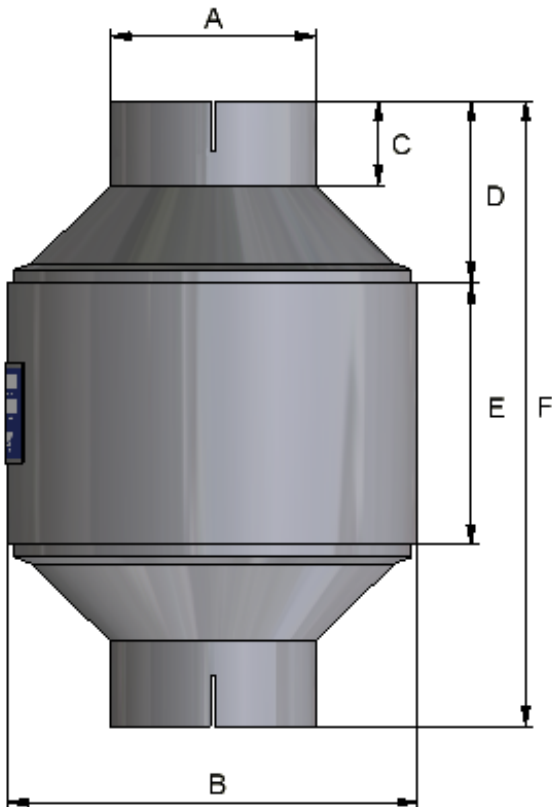
- Platinum Coating Formulated for Australian Fuels
- Metallic substrates feature corrugated channels for efficient reduction of PM
- Corrosion Resistant Heavy Duty Stainless Steel Construction
- Single bolt clamped construction for easy maintenance
- Sulphur Tolerant Coating
- High Conversion Efficiency
- Low Pressure Drop
- Purifier designed to maximise the exhaust flow across the catalyst
- Reduces odour in diesel exhaust
- Guaranteed Quality Product

## Installation

In order to maximise the inlet exhaust gas temperature at the purifier; the unit should be installed as close as possible to the engine and before the silencer. If space is at a premium, CKW-DVC unit can be supplied as a CK-DVCM purifier silencer. Contact Colpro Engineering (Australia) for further details.

## Maintenance

CKW-DVC Catalytic Purifier requires little maintenance, however carbon and unburned lube oil can accumulate on the catalyst. This will gradually mask the catalyst function. In order to remove this layer of contaminants, the CKW-DVC should be removed and cleaned with either low-pressure steam or hot water. The recommended cleaning interval is 500 to 1000 hours.



Model No.	Max Engine kW	Inside Dia	B	C	D	E	F
CK-4DVCW38	20	38	201	42	79	130	288
CK-4DVCW50	30	51	102	42	72.5	130	275
CK-5DVCW50	40	51	127	42	85	130	300
CK-5DVCW63	50	63	127	42	79	130	288
CK-6DVCW63	60	63	152	42	91.5	130	313
CK-6DVCW76	75	76	152	42	85	130	300
CK-6DVCW89	80	89	152	42	78.5	130	287
CK-7DVCW76	80	76	178	42	98	130	326
CK-7DVCW89	90	89	178	42	91.5	130	313
CK-7DVCW102	100	102	178	42	85	130	300
CK-7DVCW127	110	127	178	54	85.5	130	301
CK-8DVCW89	110	89	203	42	104	130	338
CK-8DVCW102	120	102	203	42	97.5	130	325
CK-8DVCW127	140	127	203	54	98	130	326
CK-10DVCW102	150	102	254	42	123	130	376
CK-10DVCW127	175	127	254	54	113	130	356
CK-10DVCW152	200	152	254	54	111	130	352
CK-12DVCW152	275	152	305	54	135.5	130	401
CK-12DVCW203	300	203	305	54	110	130	350
CK-14DVCW203	375	203	355	54	135	130	400
CK-14DVCW254	425	254	355	54	109.5	130	349
CK-16DVCW203	475	203	406	54	160.5	130	451
CK-16DVCW254	550	254	406	54	135	130	400

All Dimensions in mm Sizing is for estimation purposes

Please contact sales at Colpro Engineering for accurate sizing and pricing

For more information please contact:

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