



Pressure Kit for CJC® Oil Filters

Performance improvement for CJC® Oil Filters

Product Sheet

FUNCTION

By upgrading your already installed CJC® Fine Filter with the CJC® Pressure Kit, a higher static pressure across the CJC® Filter Insert is applied, thereby allowing for a higher particle retention rate.

In order to ensure a continuous high performance of the CJC® Fine Filter, a permanent air bleed is installed, removing collection of entrained air. The air bleed will by-pass the insert without any effect on oil filter performance.

On the contrary, this ensures an even better performance of the CJC® Fine Filter.

PROBLEM

Air-contaminated oil is a challenge in relation to filtration, since the air entrained in the oil will expand when passing from the high-pressure side to the low-pressure side of the oil filter. The air bubbles increase in size at lower pressures and results in poor filtration and release of already captured contaminants, thus compromising oil filter efficiency.

BENEFITS

With a CJC® Pressure Kit you will improve the filtration efficiency of your installed CJC® Oil Filter, with the following benefits:

- Removal of entrained air
- Lower your ISO code
- Improved WTG availability
- Reduced oil change interval
- Even cleaner gear oil

FACTS

CJC® Pressure Kit can be installed on the following CJC® Fine Filter types:

- HDU 15/25-PV-PVY
- HDU 27/27-54 PV-PVY
- HDU 27/27-H1 PVY

CONTENT

The main parts in the CJC® Pressure Kit are:

- Air bleed
- Back pressure valve
- CJC® PV Pump
(or new spring for bypass valve)
- Pressure gauge
- Pressure switch

INSTALLATION

Please see the quick installation guides, visit www.cjc.dk/pressure-kit



*CJC® Pressure Kit
for filtration improvement of CJC® Fine Filters*



*CJC® Fine Filter HDU 27/27
with Pressure Kit mounted*



Pressure Kit for CJC[®] Oil Filters

Performance improvement for CJC[®] Oil Filters

Product Sheet

Wind turbines with CJC[®] Oil Filters installed, that can be upgraded easily

Company	Size
Acciona	850 kW-1,5 MW, 3 MW
Alstom-Ecotécnia	ECO 80, ECO 74, ECO 62, ECO 48
Bard Engineering	5 MW (main bearing)
Clipper Wind	2.5 MW (Liberty)
CNR	1.5 MW, 3.0 MW
CSIC	2.0 MW, 5.0 MW
DEC (Dong Fang)	1.5 MW (retrofit), 2.0 MW, 3.0 MW
DeWind	D4, D6, D8, D9.0, D9.1, D9.2
Gamesa Eólica	G47, G52, G80, G81, G90, G97, G106, G114, G126, G128, G132
GE Wind	GE 1.5 MW, GE 2.5 MW
Goldwin	3.0 MW
Guodian United Power	1.5 MW, 3.0 MW
Hewind	1.5 MW, 2.5 MW
INOX Wind	2.0 MW
Lagerwey Wind	2.0 MW (main bearing)
Mitsubishi Wind	2.4 MW
Navantía / Sofesa	600 kW, 1.3 MW, 2.3 MW
NEG Micon	NTK 500, NTK 600, NM 600, NM750, NM 900
Nordex Energy	600 kW, 800 kW, 1.3 MW, 2.5 MW
RRB Energy	600 kW, 1.8 MW
Senvion/Repower (retrofit)	1.5 MW, 3.0MW, 5.0 MW, 6.25MW
Sewind (Shanghai Electric)	2.0 MW, 2.3MW, 3.6MW
Shenyang Blower Works	2.0 MW
Siemens Wind Power	600 kW, 1.0 MW, 1.3 MW, 2.0 MW, 2.3 MW, 3.6 MW, 4.0MW
Suzlon Wind Energy	1.5 MW (S82), 2.1 MW (S88)
Vestas Wind Systems	V39, V42, V44, V47, V52, V66, V80, V90, V100, V110, V164
Windey	750 kW (retrofit)
WinWind	1.0 MW
Xuji Wind Power	2.0 MW

For individual quote for your turbine, please contact your local C.C.JENSEN supplier, see www.cjc.dk/contact

***) IMPORTANT INFO!**
Not to be used on CJC[®] Fine Filter HDU 15/25 produced before January 2001

Article no. and description

Contact your local CJC[®] representative to select the right CJC[®] Pressure Kit for your CJC[®] Fine Filter - the options below are meant as guides

Pressure Kit - for HDU 15/25 PV

Part No. FA7617161-xyz:

X	Y	Z
Pump selection	Pressure gauge selection	Installation type
1) Pump not included	1) Gauge not included	1) Single phase without lubrication connection
2) Pump PV2-7 45 L/h	2) 0-10 bar pressure gauge	2) 3-phase without lubrication connection
3) Pump PV2-9 60 L/h		3) Single phase with lubrication connection
4) Pump PV2-14 90 L/h		4) 3-phase with lubrication connection
5) Pump PV2-18 120 L/h		

Example - FA7617161-222:

Complete kit with PV2-7 pump, 0-10 bar pressure gauge, to be used on 3 phase installation

Pressure Kit - for HDU 27/27 & HDU 27/54 PV

Part No. FA7617166-xyz (except FA9500121)

X	Y	Z
Pump selection	Pressure gauge selection	Installation type
1) Pump not included	1) Gauge not included	1) N/A
2) Pump PV4-7 45 L/h	2) 0-4 bar pressure gauge	2) 3-phased installation without lubrication connection
3) Pump PV4-9 60 L/h	3) Pressure switch 3.6 bar	3) N/A
4) Pump PV4-14 90 L/h	4) 0-4 bar pressure gauge and pressure switch 3.6	4) 3-phase with lubrication connection
5) Pump PV4-18 120 L/h		
6) Pump PV4-23 150 L/h		
7) Pump PV4-30 200 L/h		
8) Pump PV4-38 250 L/h		

Example - FA7617166-222:

Complete kit with PV4-7 pump, 0-4 bar pressure gauge, to be used on 3 phase installation

Pressure Kit - for HDU 27/27-H1PVY

Part No. FA7617184-xyz:

X	Y	Z
Pump selection	Pressure gauge selection	Installation type
1) Pump not included	1) N/A	1) N/A
2) Pump PV4-7 45 L/h		2) 3-phase installation
3) Pump PV4-9 60 L/h		
4) Pump PV4-14 90 L/h		
5) Pump PV4-18 120 L/h		

Example - FA7617184-212:

Complete kit with PV4-7 pump, to be used on 3 phase installation