

Our Product Range



FPF-Cylinder



FPF-Cylinder-Cone



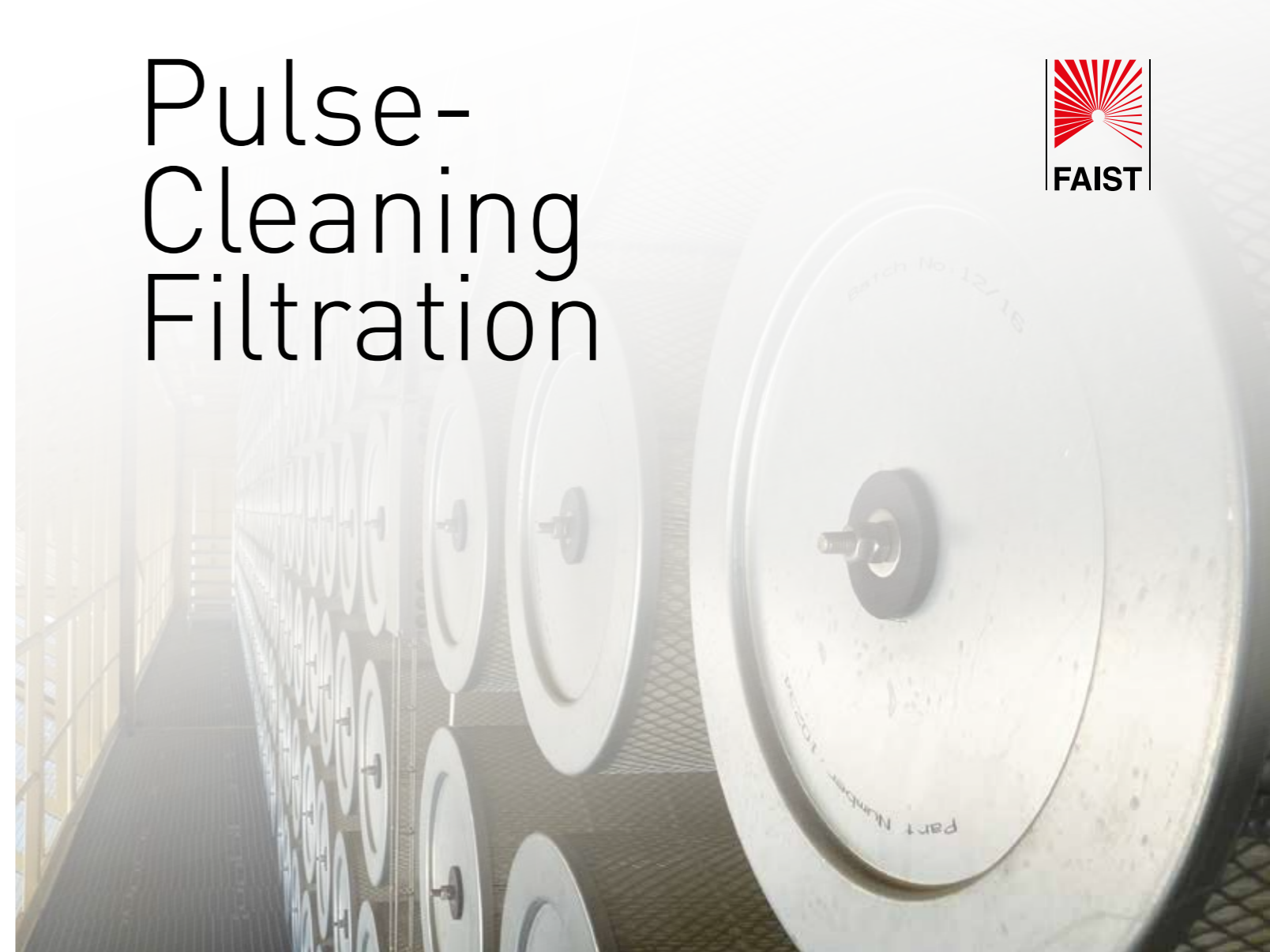
FPF-Cylinder-Cylinder



FPAK

BM:	Cellulose/Synth Blend	F9 to En779-2002	20% at 0.4micron
F9-N:	Cellulose/Synth + Nanofibres	F9 to En779-2012	80% at 0.4micron
F8:	WR Synthetic (high DHC)	F9 to En779-2012	55% at 0.4micron
F9:	WR Synthetic (high DHC)	F9 to En779-2012	75% at 0.4micron
F9+:	WR Synthetic (high DHC)	F9 to En779-2012	85% at 0.4micron
E10:	WR Synthetic (high DHC)	E10 to En1822	85% at 0.18micron
E11 (Static):	WR Synthetic / glass-fibre (high DHC)	E11 to En1822	95% at 0.18micron
E12 (Static):	WR Synthetic / glass-fibre (high DHC)	E12 to En1822	99.5% at 0.18micron

Pulse-Cleaning Filtration



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*Enjoy the Silence
 Enjoy Quality Air!*

Typical Issues

Bypass

- // compressor fouling
- // low output, high fuel cost
- // potential catastrophic failure



Poor Dust Extraction

- // short filter life
- // high Dp
- // unavailability



Limited Surface Cleaning

- // short filter life
- // high Dp
- // unavailability



Further to R&D with own Aramco Test-bed and developments with Universities in Germany, we have developed solutions to address the issues.



Our solutions are installed in more than 65 countries, spanning from Large GT Power Stations to Oil & Gas Compressor Drive, with strong OEM collaborations.



- // Single cylinders with single gasket → reduce risk of bypass
- // Low face velocity → low Dp, improve cleanability, improve dust extraction, longer filter life (x2)
- // Static filters downstream → eliminate risk of bypass, increase filtration efficiency (filters stages compound), upgrade to EPA
- // Development of new FAIST Filters with advanced superior media

Type	Face Velocity	Ref. Size (WxH) for large GT	Initial Dp across filters	Length of Filters	Dust Evacuation Concept
GDX	2.8 m/s	A	200 Pa	1.32 m	Gravity
TTD	1.5 m/s	N/A	150 Pa	0.66 m	Gravity
FAIST Single Cylinders	1.8 m/s	A x 1.2 - Large	110 Pa	0.8-0.9 m	Gravity
ASC or SSC	3.2 m/s	A x 0.75 - Small	220 Pa	1.2 m	Inertial

71-01 Pulse- & Fine Filter Module

71-07 Pulsefilter & Tripod

71-11 Weather hood

71-06 Fine Filter

71-12 Birdscreen

