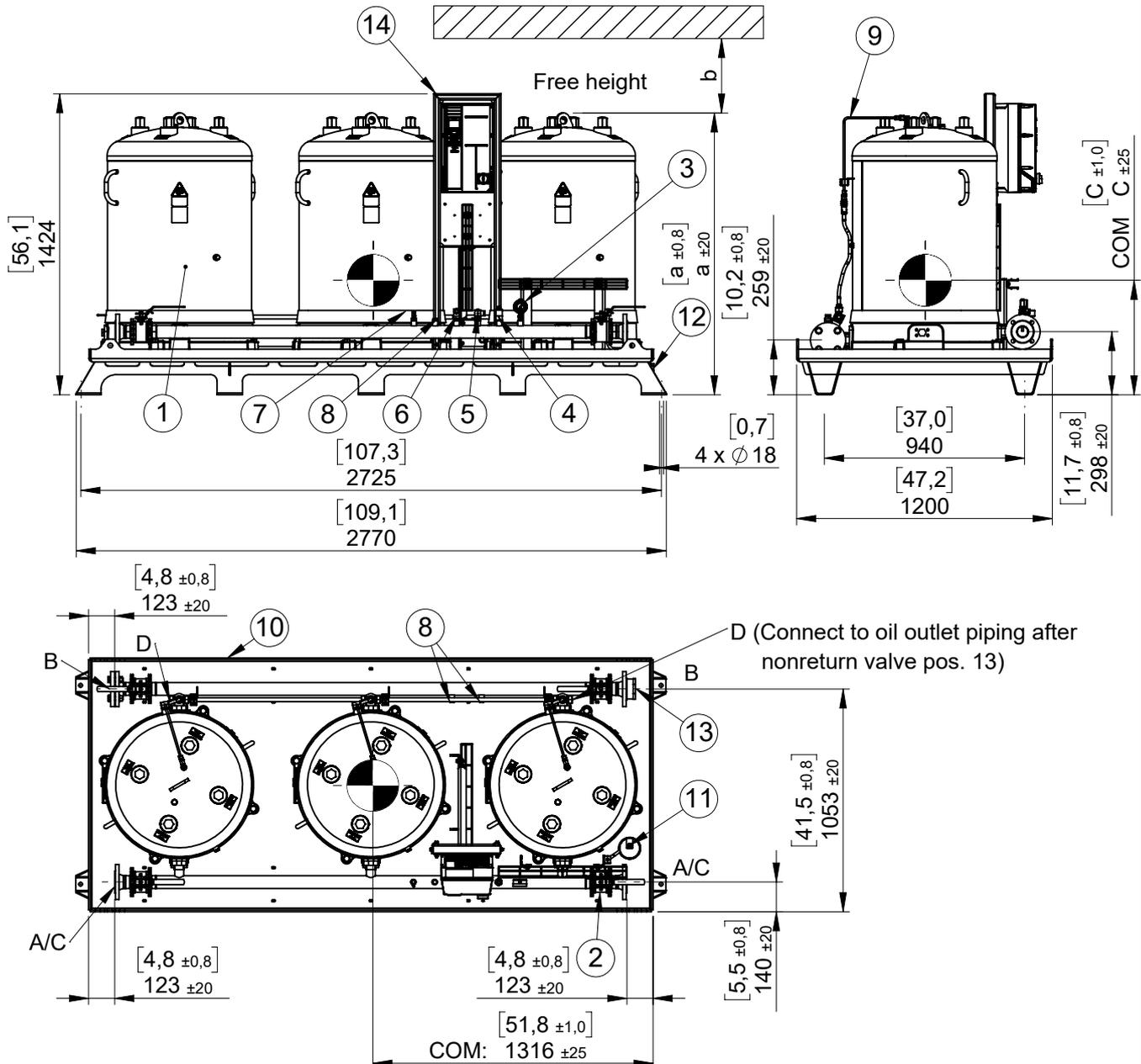


CJC Article No.: FA9601362-XYZ



Design pressure 6 bar/87 psi
 Design temp. 90°C/194°F
 Ambient temp. 45°C/113°F

- A = DN50, Oil inlet
- B = DN50, Oil outlet
- C = DN50, Drain Valve, recommended piping DN25
- D = Ø18, Connection cont. air bypass

Measurements in mm and [inches]

P&I Diagram no. 7001088

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| Customer: | | Constr. | TP 19-11-2018 | |
| Project: | | Appr. | | |
| Ref: | | Rev. | Appr. | Date |
| Weight: | | G | LU | 06-09-2023 |
| Page 1 | Drawing no. 9601362 | | | |

CJC Article No.: FA9601362-XYZ

| X | Filter size | a mm/[inches] | b mm/[inches] | COM c mm/[inches] | Weight kg/ [lbs] |
|---|-------------|------------------|------------------|-------------------------|---------------------|
| 3 | 427/81 | 1331/[52,4] | 950/[37,4] | 540/[21,3] | 1096/[2416] |
| 4 | 427/108 | 1601/[63,0] | 1220/[48,0] | 602/[23,7] | 1222/[2690] |

| Y | Flow Drive kW at 45°C/113°F |
|---|--------------------------------|
| 2 | 0,5 |
| 3 | 0,7 |
| 4 | 1,0 |
| 5 | 1,4 |
| 6 | 2,0 |
| 7 | 2,7 |
| 8 | 3,6 |
| 9 | 5,0 |

For selection please refer to selection matrix

| Z | For engines operating on | Insert |
|---|-----------------------------|--------|
| 1 | HFO | LO4R |
| 2 | MDO/MGO | LO4D |
| 3 | HFO/MGO* | LOX* |

*For 2-stroke engines only.

Pump selection according to drawing 5609521 (Option)

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| Ref: | | Rev. | Appr. | Date |
| Weight: | | G | LU | 06-09-2023 |
| Page 2 | | Drawing no. | | 9601362 |

1

2

3

4

A

B

C

D

E

F

| Pos. | Description | Qty. |
|------|---------------------------------|------|
| 1 | CJC Fine filter type HDU 427/- | 3 |
| 2 | Valve DN 50 | 4 |
| 3 | Pressure gauge \varnothing 63 | 1 |
| 4 | Pressure transmitter | 1 |
| 5 | Pressure switch | 1 |
| 6 | Temperature transmitter | 1 |
| 7 | Sampling point | 1 |
| 8 | 1/4" blind plug | 3 |
| 9 | Vent | 3 |
| 10 | Drip pan | 1 |
| 11 | Leak detection | 1 |
| 12 | Drain plug | 1 |
| 13 | Non return valve | 1 |
| 14 | Flow Drive | 1 |

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CJC Fine Filter
 Type HDU 3x427/- DE3PVZ
 General Arrangement

Sign

Date

Constr.

TP

19-11-2018

Appr.

Rev.

Appr.

Date

G

LU

06-09-2023

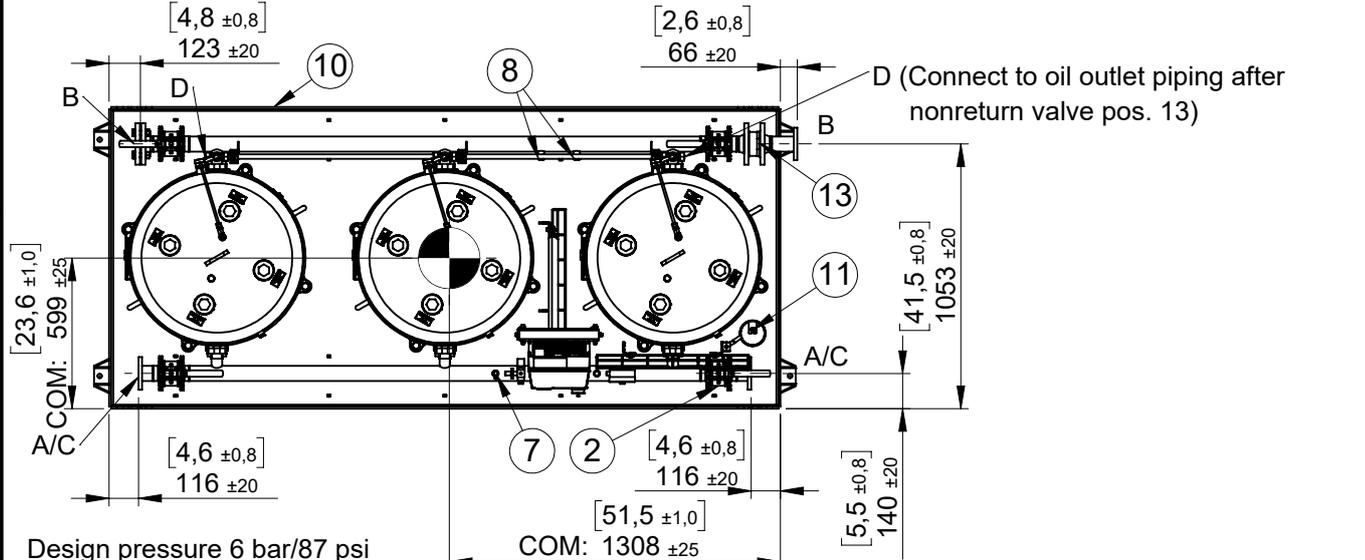
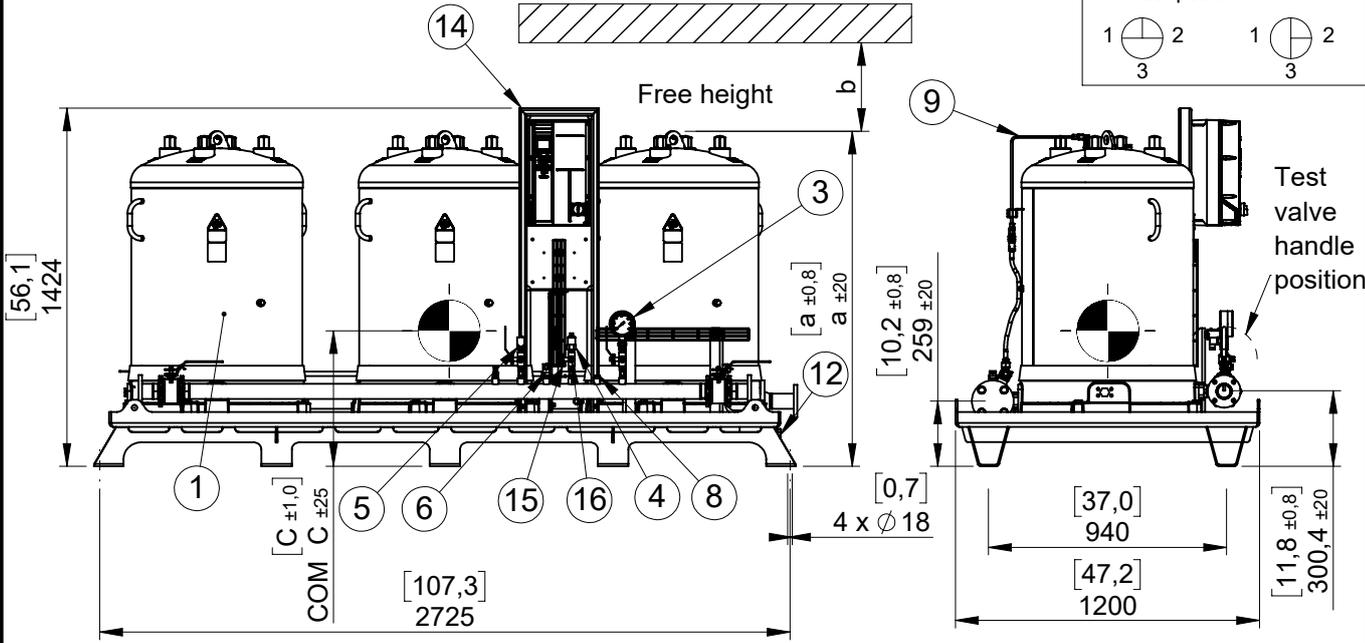
Drawing no.

9601362

CJC Article No.: FA9601362-XYZ

Position, 3-way valve:

- 1 = Filter/Pipe line
- 2 = Monitoring devices
- 3 = Test point



Design pressure 6 bar/87 psi
 Design temp. 90°C/194°F
 Ambient temp. 45°C/113°F

- A = JIS 5K, Size 50, Oil inlet
- B = JIS 5K, Size 50, Oil outlet
- C = JIS 5K, Size 50, Drain Valve, recommended piping DN25
- D = Ø18, Connection cont. air bypass

Measurements in mm and [inches]

P&I Diagram no. 7001088

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| Ref: | | Rev. | Appr. | Date |
| Weight: | | G | LU | 06-09-2023 |
| Page 4 | | Drawing no. | | 9601362 |

CJC Article No.: FA9601362-XYZ

| X | Filter size | a mm/[inches] | b mm/[inches] | COM C mm/[inches] | Weight kg/ [lbs] |
|---|-------------|------------------|------------------|-------------------------|---------------------|
| 8 | 427/81 | 1331/[52,4] | 950/[37,4] | 540/[21,3] | 1101/[2427] |
| 9 | 427/108 | 1601/[63,0] | 1220/[48,0] | 602/[23,7] | 1227/[2701] |

| Y | Flow Drive kW at 45°C/113°F |
|---|--------------------------------|
| 2 | 0,5 |
| 3 | 0,7 |
| 4 | 1,0 |
| 5 | 1,4 |
| 6 | 2,0 |
| 7 | 2,7 |
| 8 | 3,6 |
| 9 | 5,0 |

For selection please refer to selection matrix

| Z | For engines operating on | Insert |
|---|-----------------------------|--------|
| 1 | HFO | LO4R |
| 2 | MDO/MGO | LO4D |
| 3 | HFO/MGO* | LOX* |

*For 2-stroke engines only.

Pump selection according to drawing 5609521 (Option)

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| Project: | | | Appr. | | |
| Ref: | CJC Fine Filter Type HDU 3x427/- DE3PVZ General Arrangement | | Rev. | Appr. | Date |
| Weight: | | G | LU | 06-09-2023 | |
| Page 5 | | Drawing no. 9601362 | | | |

1

2

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4

A

B

C

D

E

F

| Pos. | Description | Qty. |
|------|--------------------------------|------|
| 1 | CJC Fine filter type HDU 427/- | 3 |
| 2 | Valve DN 50 | 4 |
| 3 | Pressure gauge ϕ 100 | 1 |
| 4 | Pressure transmitter | 1 |
| 5 | Pressure switch | 1 |
| 6 | Temperature transmitter | 1 |
| 7 | Sampling point | 1 |
| 8 | 1/4" blind plug | 3 |
| 9 | Vent | 3 |
| 10 | Drip pan | 1 |
| 11 | Leak detection | 1 |
| 12 | Drain plug | 1 |
| 13 | Non return valve | 1 |
| 14 | Flow Drive | 1 |
| 15 | Test valve | 3 |
| 16 | Plug, test point | 3 |

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CJC Fine Filter
Type HDU 3x427/- DE3PVZ
General Arrangement

Sign

Date

Constr.

TP

19-11-2018

Appr.

Rev.

Appr.

Date

G

LU

06-09-2023

Drawing no.

9601362

1

2

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REVISIONS

| Rev. | Description | Date (DD-MM-YYYY) | Init. |
|------|--|-------------------|-------|
| B | Design temp changed from 80°C to 120°C | 08-03-2019 | TP |
| C | Misspellings corrected. Pos. number corrected. Numbers of vents corrected. | 18-02-2020 | LU |
| D | Drain Line Kit is no option anymore. "application catalogue" replaced by "selection matrix" | 01-02-2022 | LU |
| E | New variants added on separated pages (X: 8 or 9). New variants added (Y: 7, 8 or 9). Variant deleted (Y: 1) Design pressure changed from 7 bar/102 psi to 6 bar/87 psi. Design temperature changed from 120°C/248°F to 90°C/194°F. Ambient temp. added. Center of mass (COM) added. | 05-08-2022 | LU |
| F | Scheme Y: kW values changed, now showing kW at 45°C/113°F | 15-11-2022 | LU |
| G | Pipe manifold inlet and outlet changed. Cable tray added to frame f. controlbox. | 18-08-2023 | TP |

A

B

C

D

E

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| Weight: | | | G | LU | 06-09-2023 |
| Page 7 | | | Drawing no. | | |
| | | | 9601362 | | |

F