

Low Loss Headers – High Power

Specification

Carbon steel body, flanged PN16 with Flamco Flexvent AAV and DN25 drain valve. A low loss header decouples the boiler from the system. This allows the boilers/boiler circuit flow to optimise at best efficiency for any system conditions. For closed HVAC heating systems.

Not suitable for drinking water.

Materials

- Body Carbon steel
- Internals –
- Flanges PN16, carbon steel

Rating

10 Barg @ 110°C

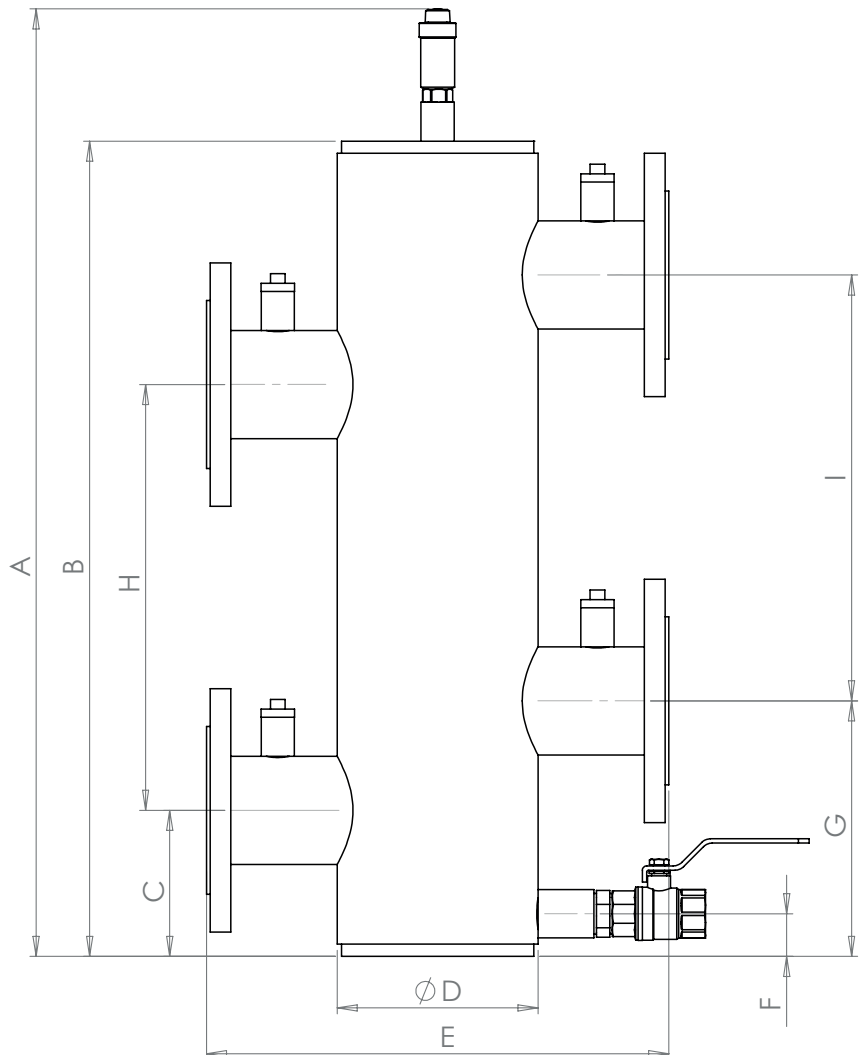
The table shows performance for the FlexEJ Low Loss Headers with a 20°C temperature difference at a flow rate typical for the connection size.

Options

- Insulation jacket (see page 23).

Size	Body size	Flow	Power	Product code
DN	DN mm	m ³ /h	kW	
DN050-2"	100	8.6	200	FEJLLH050
DN065-2½"	125	13.3	310	FEJLLH065
DN080-3"	150	18.9	440	FEJLLH080
DN100-4"	200	34.0	790	FEJLLH100
DN125-5"	250	52.9	1,230	FEJLLH125
DN150-6"	250	63.6	1,480	FEJLLH150

DN	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'	DIM 'G'	DIM 'H'	DIM 'I'
50	690	582	96	114	320	31	191	300	300
65	710	602	106	140	355	31	201	300	300
80	780	670	120	165	380	35	210	350	350
100	920	810	130	219	380	35	235	450	450
125	1025	915	143	273	430	38	278	500	500
150	1150	1035	163	273	430	38	323	550	550



Product by FlexEJ Ltd

For technical assistance & sales
 t: +44 (0)1384 881188
 e: sales@flexej.co.uk

Low Loss Headers – High Power Insulation

Specification

Very flexible filled glass cloth insulation jacket with Velcro hook and loop flaps plus draw cords.

May be fitted to the Low Loss Header when all piping is complete and is easily removed/reinstalled for maintenance.

Materials

- Silicone coated 530 g/m² e-glass cloth inner and outer, black
- Mineral rock fibre blanket filler 0.040 W/mK

Rating

110°C

Fire Classification: A1 to EN 13501-1

LLH Stock code	Insulation Stock code
FEJLLH050	FEJLLH050INS
FEJLLH065	FEJLLH065INS
FEJLLH080	FEJLLH080INS
FEJLLH100	FEJLLH100INS
FEJLLH125	FEJLLH125INS
FEJLLH150	FEJLLH150INS

Reduces heat loss by 90% in typical conditions



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