

# Condensate Drains

SERIES EDD | SXD | ELECTRONIC LEVEL CONTROLLED

## BENEFITS AND FEATURES

### EDD Electronic Demand Drain

- Highest operational reliability:
  - Automatic drain function
  - No compressed air loss
  - Compatible with all standard compressor oils
  - Potential free fault indication
  - Protection class IP67
  - Applicable for ambient temperatures from +1°C to +70°C
- Easy Handling:
  - Minimum effort on installation and maintenance
  - Removable Service-Unit
  - SPX-protected gird on the bottom of the top cover supports the faithful positioning



Technical Data	EDD 602-04 Stand alone	EDD 604-04 built in	EDD 607-04
Power Connection	92 – 240V, 50/60Hz	92 – 240V, 50/60Hz	230V, 50/60Hz
IP Rating	IP 67	IP 67	IP 65

General Data	EDD 602-04 Stand alone	EDD 604-04 built in	EDD 607-04
Operating pressure	0.8 – 16 bar	0.8 – 16 bar	1.2 – 63 bar
Ambient temperature	+1 – +70°C	+1 – +70°C	+1 – +60°C

## BENEFITS AND FEATURES

### Electronic Demand Drain Series SXD

- Highest operational reliability:
  - No contamination and blockage of the drain
  - Alarm in case of malfunction, simple function test
  - Automatic drain function
  - No pressure loss

- Cast moulded and anodized housing design
- Built-in strainer prevents valve blockage and damage

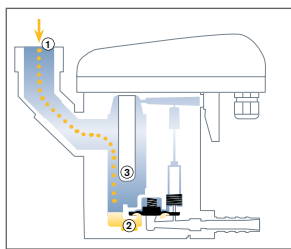
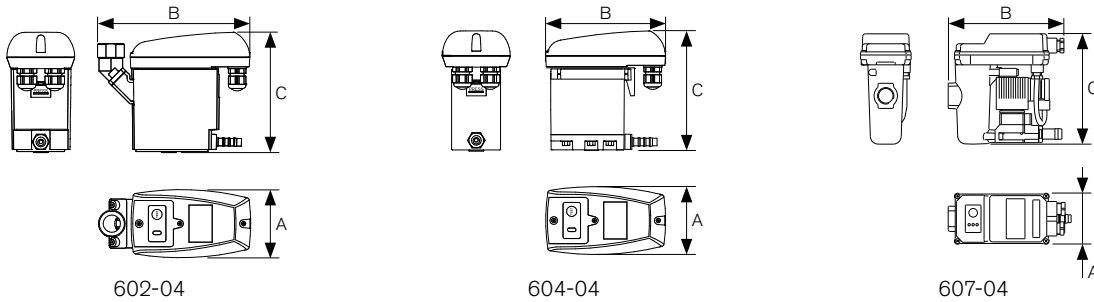


Technical Data	SXD-10 – 30
Power Connection	90 – 250V AC, 50 – 60 Hz
IP Rating	IP 54

General Data	SXD-10 – 30
Operating pressure	0.8 – 16 bar
Ambient temperature	+1 °C – +80 °C

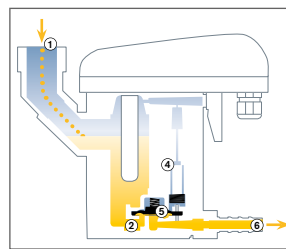
Model	Flow rate (max.)			Connections		Dimensions			Weight
	Compressor Capacity	Refrigeration dryer	Filter-down-stream *	Inlet	Outlet	A	B	C	
	m <sup>3</sup> /h	m <sup>3</sup> /h	m <sup>3</sup> /h			mm			kg
EDD 602-04 Stand alone	2,100	4,200	21,000	1/2"	1/4" or 8-10 mm Ø	73	164.7	130	1.0
EDD 604-04 built in	2,100	4,200	21,000	1/2"	1/4" or 8-10 mm Ø	73.4	129.5	130	0.8
EDD 607-04	390	780	3,900	1/2"	3/8" or 10-13 mm Ø	65	150	141	0.9

\* Condensate produced in aftercooler and/or refrigeration dryer already removed – only residual oil contents and small condensate quantities  
Further options on request - technical data and specification are subject to change without prior notice



**Picture 1 (Empty):**

The condensate flows into the EDD drain via the feed line(1) and accumulates in the receiver tank (2).  
A capacitively functioning sensor (3) continuously records the filling level and sends a signal to the electronic control as soon as the container is filled.

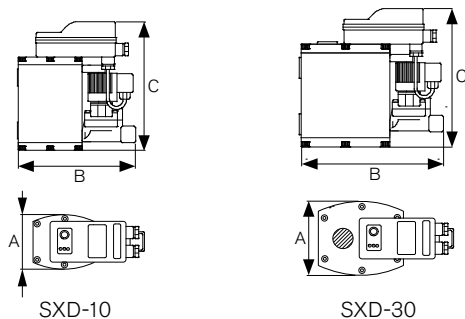


**Picture 2 (Filled):**

The pilot valve (4) is activated and the membrane (5) opens the outlet line (6) for the discharge of the condensate.  
When the EDD drain is empty, the outlet line is tightly reclosed in time before any unnecessary compressed-air losses can occur.

Model	Flow rate (max.)			Connections		Dimensions			Weight	Elct. Connection
	Compressor Capacity	Refrigeration dryer	Filter-down-stream *	Inlet	Outlet	A	B	C		
	m <sup>3</sup> /h	m <sup>3</sup> /h	m <sup>3</sup> /h			mm			kg	V/Ph/Hz
SXD-10	2.880	5.850	28.800	3 x 3/4"	1 x 1/2"	80	179	182	2.10	90-250/-/
SXD-30	8.400	17.100	84.000			110	217	196	2.40	50-60

\* Condensate produced in aftercooler and/or refrigeration dryer already removed - only residual oil contents and/or small condensate quantities  
(Max. flow rate in reference to ambient conditions of Middle and Southern Europe, at 7 bar g operating pressure)  
Further options on request - technical data and specification are subject to change without prior notice



SPX Flow Technology Moers GmbH | Konrad-Zuse-Straße 25 | D-47445 Moers  
Tel.: +49 (0) 28 41 / 8 19-0 | Fax: +49 (0) 28 41 / 8 19 83 | E-Mail: info@spx-hankison.de  
www.spx-hankison.de | www.spx.com

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