Hankison™

COMPRESSED AIR TECHNOLOGY

Condensate Drains

EDD | SXD | 530

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 gard 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 – 240 V, 50/60 Hz	92 – 240 V, 50/60 Hz	230 V, 50/60 Hz
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

Electronic Demand Drain Series SXD

- Highest operational reliability:
  - No contamination and blockage of the drain
  - Alarm in case of malfuntion, 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 – 250 V 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

Timer Drains 530

- Completely automatic:
  - No operator attention, minimal routine servicing
- Easy installation
- Reliable operation:
  - Weather- and dustproof enclosure
  - Compatible with all major compressor lubricants
- Broad application range:
  - High-capacity discharge

Technical Data	530-D-2/D-3	530-2-IT/ 3-IT
Power connection	230VAC	(115VDC)
IP rating	IP 65	
Interval time	0.5 – 45 min, adjustable	
Discharge time	0.5 – 10 sec., adjustable	
Valve	4.5 mm	

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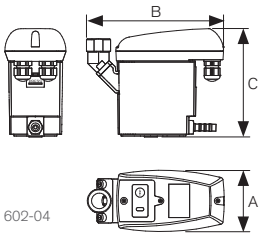
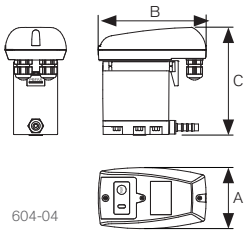
Model	Flow rate (max.)			Connections		Dimensions			Weight
	Compressor Capacity	Refrigeration dryer	Filter-downstream*	Inlet	Outlet	A	B	C	
	m³/h	m³/h	m³/h			mm			kg
EDD 602-04 Stand alone	2,100	4,200	21,000	1/2"	1/4" or 8 – 10 mm Ø	73	164.7	130	1.0
EDD 604-04 built in	2,100	4,200	21,000	1/2"	1/4" or 8 – 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 condesate quantities.
Further options on request - technical data and specification are subject to change without prior notice



602-04



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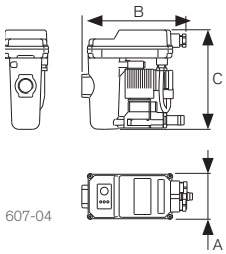
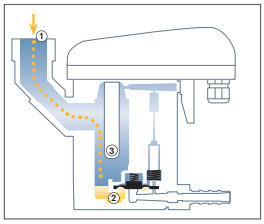
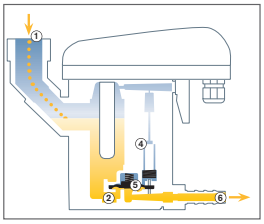


607-04



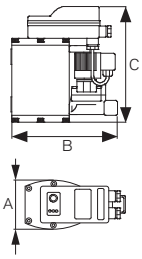
Picture 1 (Empty):
The condensate flows into the EDD drain via the feed line(1) and accumulates in the receiver tank (2).
A capacitively functioning sensor (3) continuously records the filling level and sends a signal to the electronic control as soon as the container is filled.



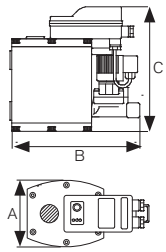
Picture 2 (Filled):
The pilot valve (4) is activated and the membrane (5) opens the outlet line (6) for the discharge of the condensate.
When the EDD drain is empty, the outlet line is tightly reclosed in time before any unnecessary compressed-air losses can occur.

Model	Flow rate (max.)			Connections		Dimensions			Weight	Elct. Connection
	Compressor Capacity	Refrigeration dryer	Filter-downstream*	Inlet	Outlet	A	B	C		
	m³/h	m³/h	m³/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 / – / 50 – 60
SXD-30	8.400	17.100	84.000			110	217	196	2.40	

* 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

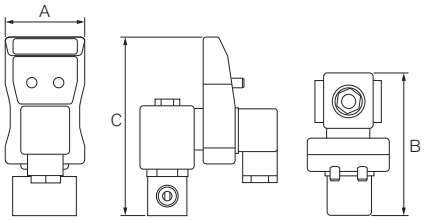


SXD-10



SXD-30

Model	Connection	Dimensions			Weight	el. Connection
		A	B	C		
		mm			kg	
530-D-2	3/8"	50	86	113	0,6	230 VAC
530-2-IT						115 VDC
530-D-3	1/2"					230 VAC
530-3-IT						115 VDC
530-D-Timer	–	–	–	–	–	24 – 240 VAC/DC



530-D

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Industrial Technologies & Services ATS Moers GmbH
Konrad-Zuse-Straße 25
47445 Moers, Germany
Tel.: +49 (0) 28 41 / 8 19-0 | Fax: +49 (0) 28 41 / 8 19 83
E-Mail: insidesales_moers@spxflow.com