

Low operating cost

Electronic operation

Capacitive sensor

High reliability

Fully serviceable

Local & remote alarms

Dual operating positions

Modular valve housing



EMD12 Series

Zero Loss condensate drains

“Cost effectiveness from STERLING[®].....

.....a flexible full feature energy saver for tough jobs”

Compressed air condensate doesn't form at a constant rate. It varies according to system demand and ambient conditions.

On a hot and humid afternoon, and in full production, your condensate drain might have to handle ten times the condensate that's produced on a cool evening shift

So, while a timer operated drain is cheap to buy and easy to install, it can NEVER be set up to operate efficiently.

Adjust it for maximum demand and it wastes air at all other times. Set it up for low demand and the result is disastrous; but you can't adjust it every few minutes.

How much can you save?

A timer operated valve with a 4mm orifice, purging for 10 seconds every 5 minutes at 100 PSI, discharges around 40 cubic feet of air each hour.

This means a 24/7/365 facility paying 11p per kW/h for electricity, could be wasting over £300 of compressed air each year

Electronic function control



- Low power consumption with operating indicators
- Local full test circuit to check and exercise system
- Built-in contacts to connect remote alarm
- Minimises wastage of compressed air
- Intelligent adjustment for short term capacity spikes

Quick and simple in-situ servicing

- Solenoid and valve built into a single module
- Service/replacement of valve module without removing drain
- Large drain volume limits frequency of operation, extends life
- Strainer to protect valve seat from excessive dirt particles
- Design allows upright or sideways operation - suits tank or filter



Protected & serviceable valve



- Discharge valve protected by internal strainer
- Strainer removable in seconds for cleaning
- No tools required to access & remove strainer
- Designed with large orifices and tough housing for reliability

EMD12 & EMD12A specifications

Capacity cfm (m3/min)	Max Pressure	Port size	Alarms	Body	Voltage options	Weight	Operating ambient
Compressor 310 (8.8)	16 bar 232 psi	Inlet G1/2"	EMD12 Local only	Composite material	Specify 110VAC or 230VAC	0.5kg	1.5C to 65C
Dryer 620 (18.6)		Drain 8mm push fit	EMD12A remote, powered contact				
Filter 3100 (93)							

Service kit (solenoid valve & strainer) part number EMD12SK fits both models