

# Condensate Drains

## Different types

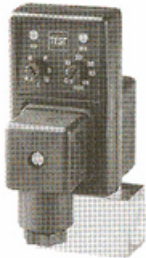


G 120

### Mechanical with floating device

**Oil and dust can block the drain mechanism**

**Does not drain only water, but also air**



E 200

### Electrical timer drain

**Opening and closing not linked to condensate production**

**Drains also a lot of air**



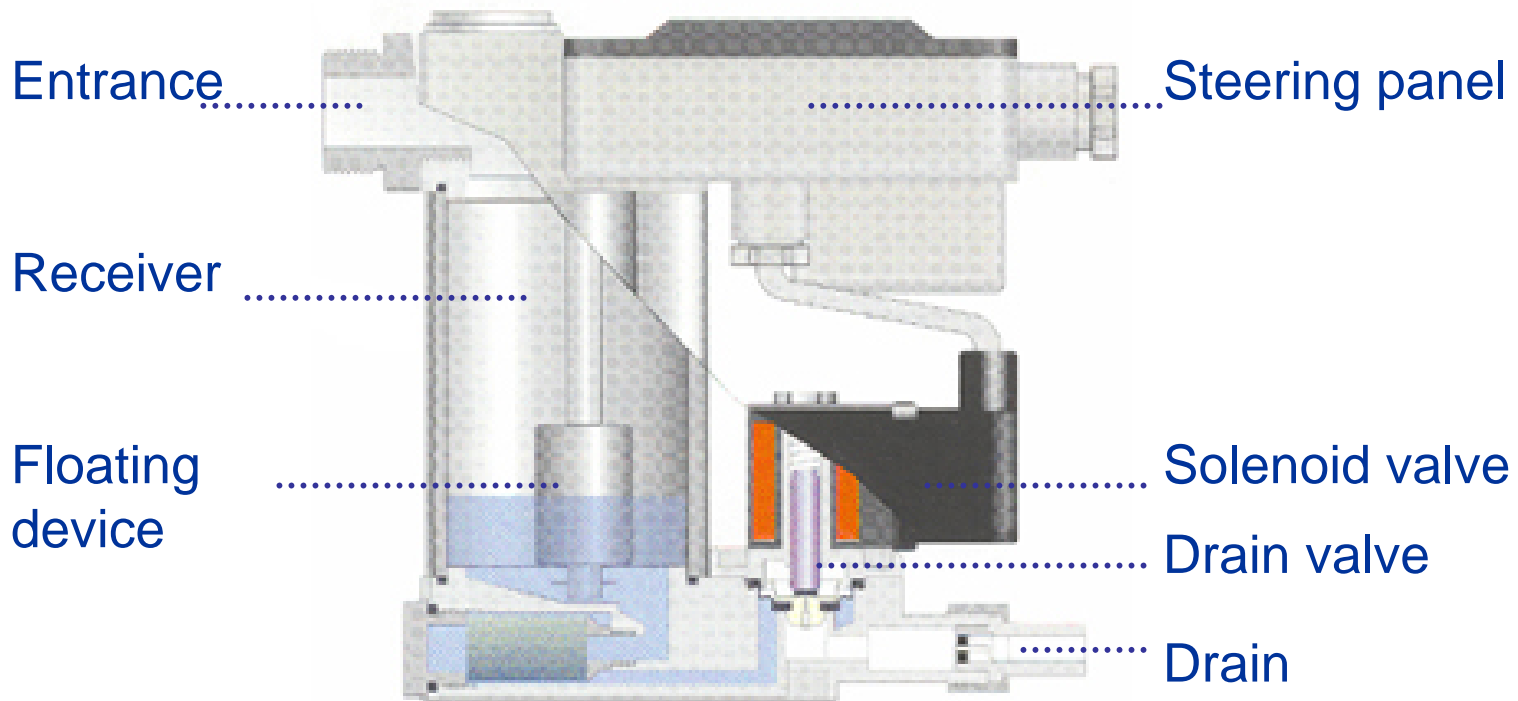
ECD 30

### Electronic controlled level drain

**No air is drained, only condensate**

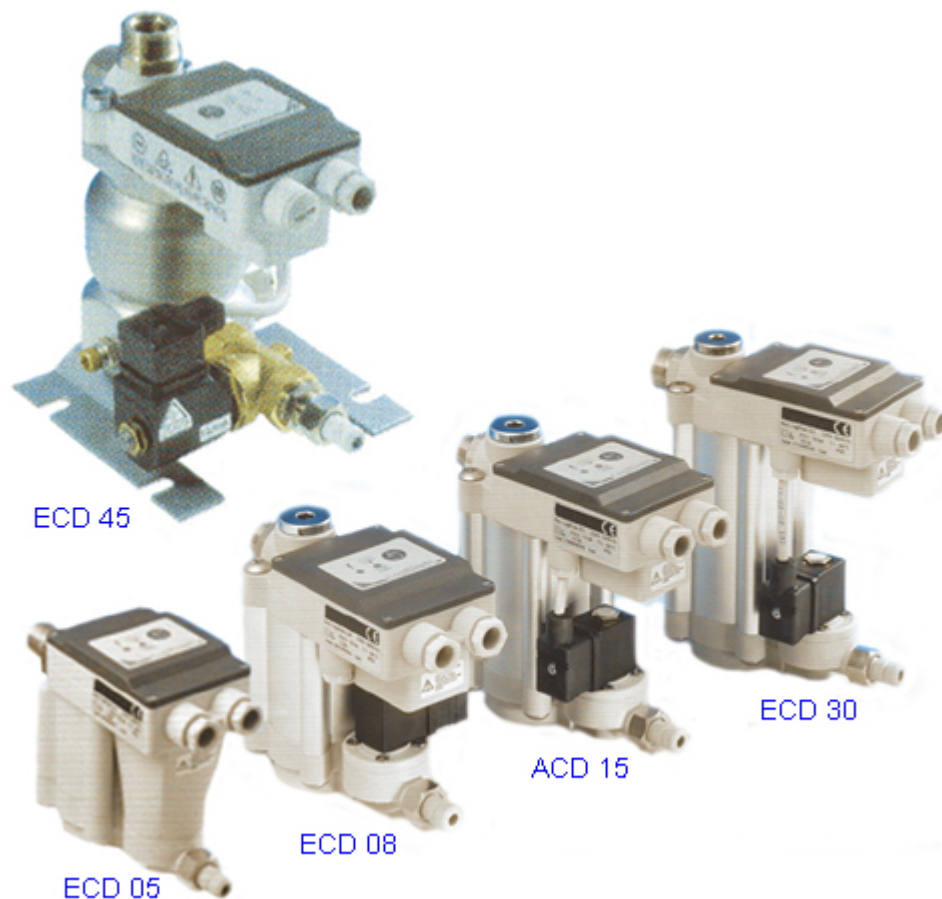
# Condensate Drains

## ECD: the level controlled electronic drain








# Condensate Drains

## The range



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## The range

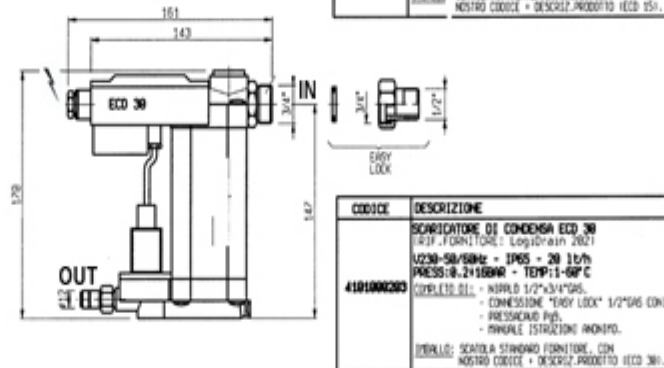
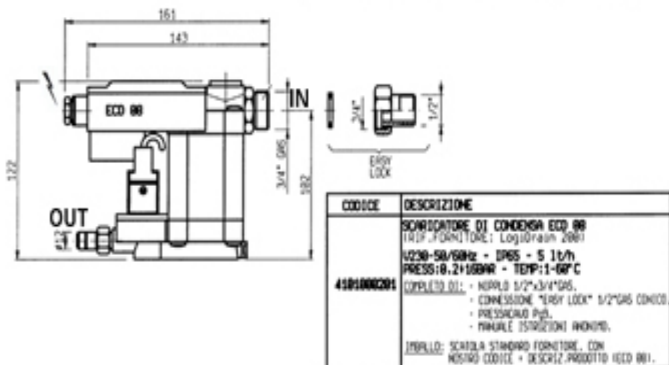
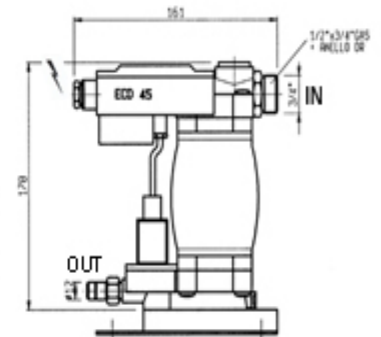
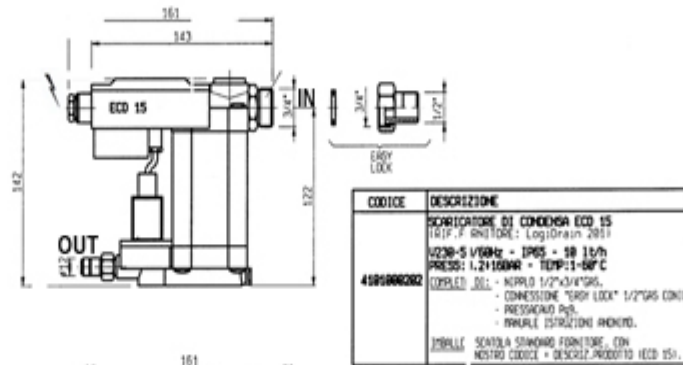
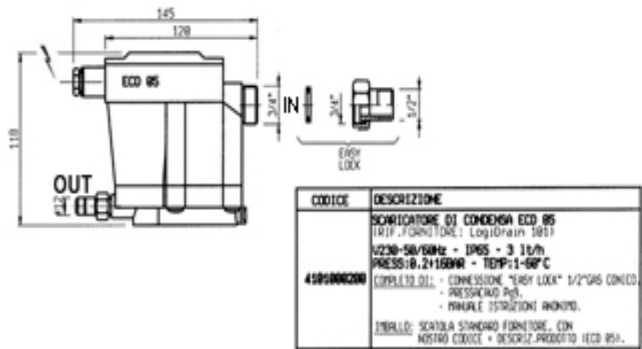
① Tipo Type		Azione	Action			Portata Capacity			
				bar	psi	l/h @ 1 bar (a)	V/Hz/Ph	gas	Kg
ECD 05	4101000200	Elettronico	Electronic	16	220	2	230/50/1	3/4" x 1/2"	0,700
ECD 08	4101000201	Elettronico	Electronic	16	220	5	230/50/1	3/4" x 1/2"	0,800
ECD 15	4101000202	Elettronico	Electronic	16	220	10	230/50/1	3/4" x 1/2"	1,000
ECD 30	4101000203	Elettronico	Electronic	16	220	20	230/50/1	3/4" x 1/2"	1,200
ECD 45	4101000204	Elettronico	Electronic	16	220	30	230/50/1	3/4" x 1/2"	2,300

① The number that follows the designation “ECD” indicates the size and tells the capacity of the compressor for which the ECD is suited

Example: ECD 30, under standard conditions (7 bar ; 20 °C 70 %RH) , can drain the condensate generated by a screw of 30 m3/min.

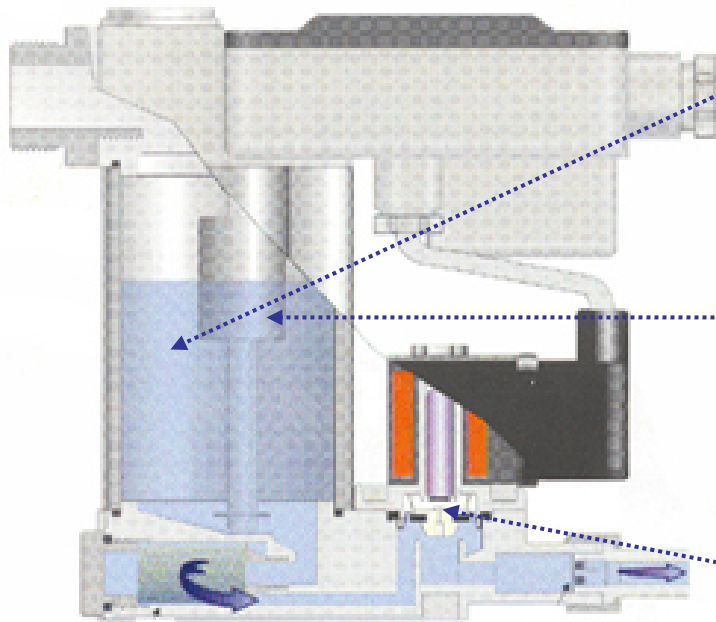
# Condensate Drains

## The dimensions



# Condensate Drains

## How does it work?



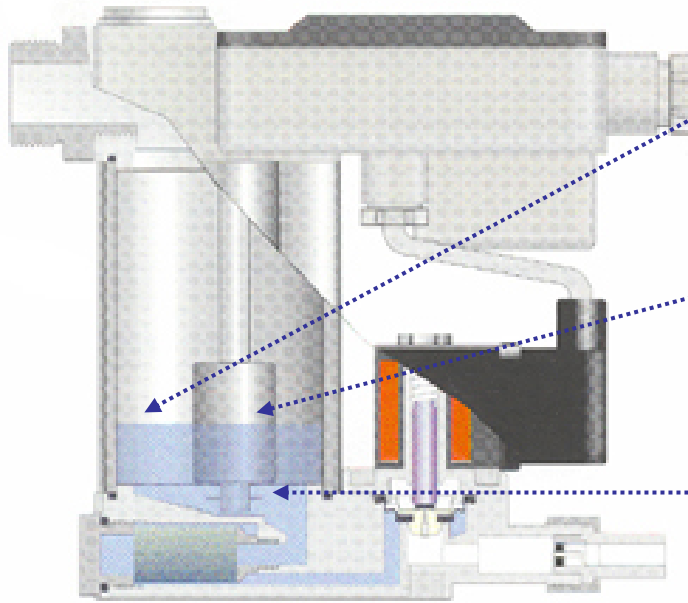
**The condensate is accumulated in the receiver**

**When the maximum level is reached, the sensor gives a signal in order to open the solenoid valve**

**The drain opens and the condensate gets out**

# Condensate Drains

## How does it work?



The condensate level in the receiver goes down

At the minimum level the sensor gives a signal and the solenoid valve closes

A small amount of condensate remains in the receiver in order to avoid that also air is drained

**With the electronic level controlled drain we  
DRAIN ONLY CONDENSATE AND DO NOT MAKE NOISE**

# Condensate Drains

## Ecological

- ✓ Electronic regulation of the level
- ✓ No drain (=losses) of compressed air  
(= energy efficient)
- ✓ Very limited noise during operation

