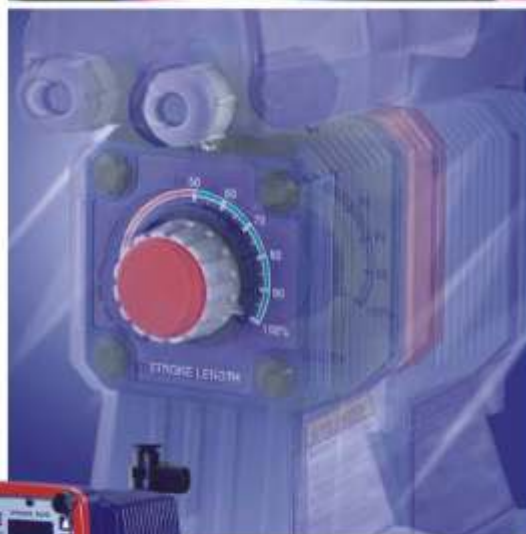




Electromagnetic metering pumps



EHN

SERIES

Standard model



Features:

- Diaphragm type metering pump with latest electromagnetic drive
- Very fine adjustment of flow by stroke speed as well as by stroke length adjustments
- High resolution digitised controller for stroke speed adjustment by 1 spm steps
- Flow ratio of 1:720
- Multiplying and dividing operation of pump by external signal
- Multi voltage power source from AC 100 to 240 V for all models
- IP 66 equivalent water/dust proof driving and control unit
- Manual as well as external control operation
- Option of automatic and manual air vent
- Option of high compression pump head, mainly for injection of boiler chemicals

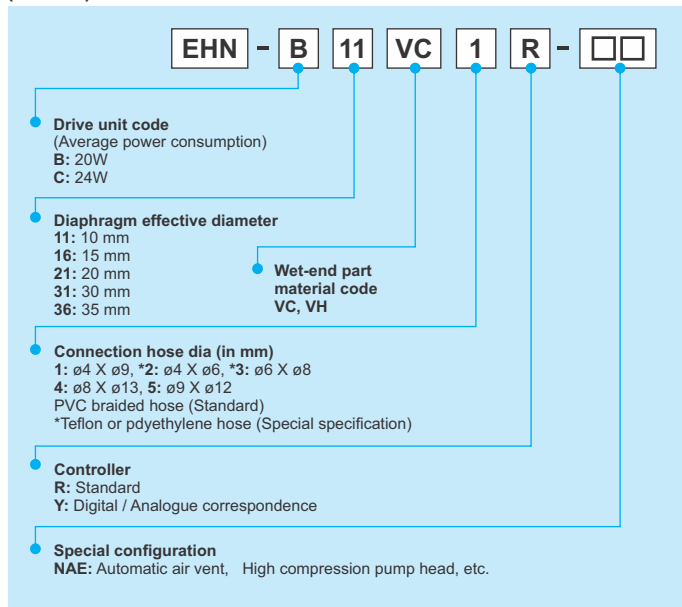
Range:

Capacity	upto 27 lph
Discharge pressure	upto 1.0 mPa
Stroke speed	upto 360 spm

Material:

Diaphragm	PTFE coated EPDM
Pump head	PVC, PDDF, SUS 316
Valve	Alluminia Ceramic, Hastelloy C

Pump identification: (VC/ VH)



EH/E

SERIES

High capacity model



Features:

- Diaphragm type metering pump with latest electromagnetic drive
- Fine adjustment of flow by stroke speed and stroke length adjustment
- Microcomputer built in controller which enables a pump to operate in four modes i.e manual, proportional, pulse and count control
- High resolution digitised controller for stroke speed adjustment by 1 spm step
- Flow ratio of 1:720
- IP 65 equivalent water/dust proof structure
- Chemical resistant features
- Special design model for high viscosity application

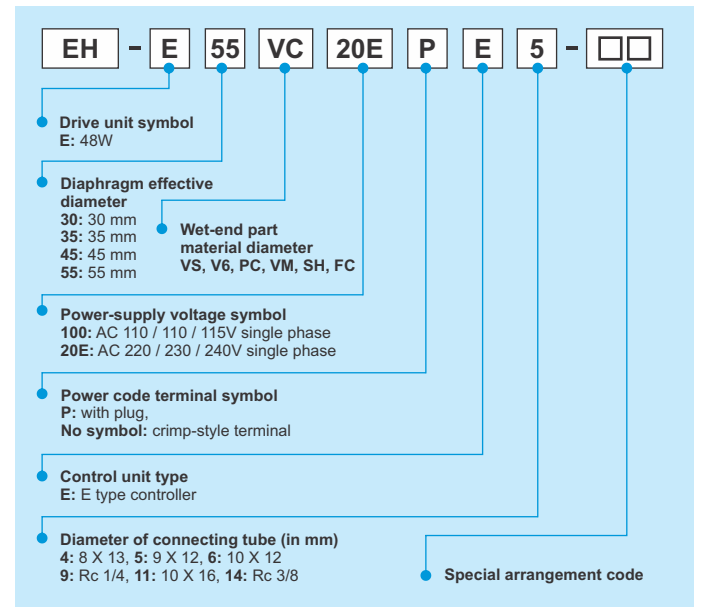
Range:

Capacity	upto 75 lph
Discharge pressure	upto 1.0 mPa
Stroke speed	upto 360 spm

Material:

Diaphragm	PTFE coated EPDM
Pump head	PVC, GFRPP, SUS 316 PVDF
Valve	Alluminia Ceramic, Hastelloy C, SUS 316

Pump identification:



ES

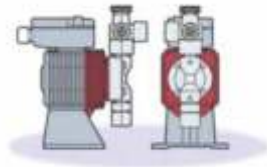
SERIES

Simple function model



Features:

- Compact, quiet, light weight and economical electromagnetic diaphragm pump
- High resolution chemical feed with elimination of slug-feed effects
- Long lasting diaphragm



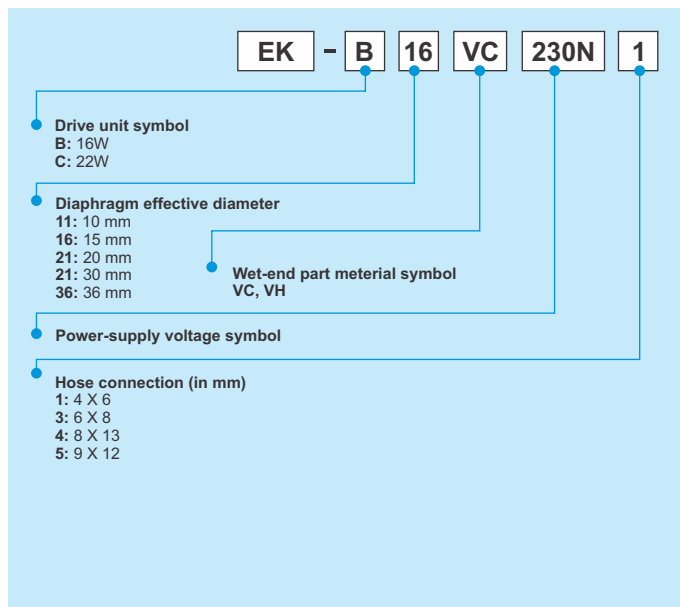
Range:

Capacity	upto 24 lph
Discharge pressure	upto 1.0 mPa
Stroke speed	upto 360 spm

Material:

Diaphragm	PTFE coated EPDM
Pump head	PVC
Valve	Alluminia Ceramic, Hastelloy C

Pump identification:



EK

SERIES

Outdoor model



Features:

- IP 67 equivalent water and moisture proof structure
- Best suited for outdoor duties
- Fine adjustment of flow by stroke speed & stroke length adjustment
- Flow ratio of 1:720
- Manual as well as external control
- High temperature resistant LCD for long term exposure to sun rays

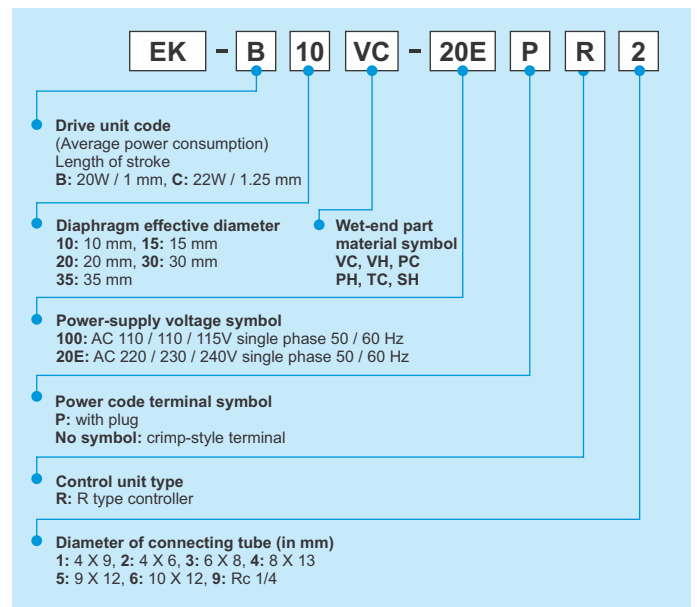
Range:

Capacity	upto 75 lph
Discharge pressure	upto 1.0 mPa
Stroke speed	upto 360 spm

Material:

Diaphragm	PTFE coated EPDM
Pump head	PVC, GFRPP, SUS 316 PVDF
Valve	Alluminia Ceramic, Hastelloy C, SUS 316

Pump identification:



Working principals:

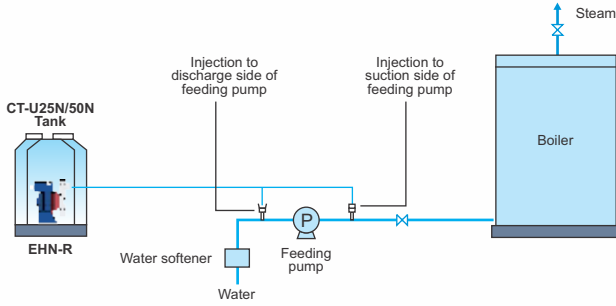
The diaphragm reciprocates to discharge liquid. Volumetric change by ball valves enables accurate dosing at each shot.



Typical applications:

Injection of boiler compound into flow boiler

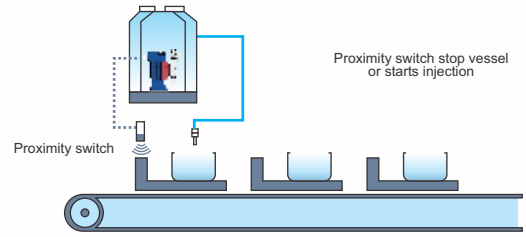
Because the pump can inject very small capacity pure boiler compound can be injected without diluting



Metering dose

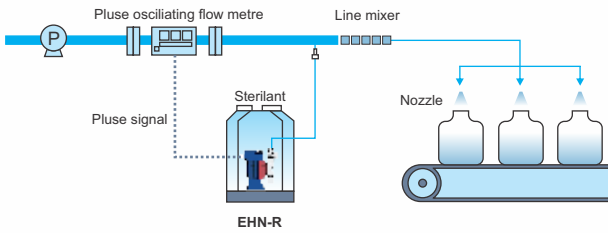
Pump operates at pre-set number of shots by receiving signal from proximity switch.

Number of shot can be set from 1 - 999.



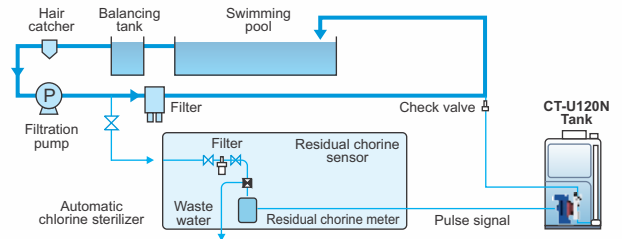
Sterilizing of distilled water (proportional mixing of cleaning water and sterilising agent)

Pump injects sterilising agent in proportion to the flow rate of cleaning water by the signal from pulse oscillating flow metre. Same mixing concentration can be kept regardless of the change of cleaning water flow rate.



Sterilizing of swimming pool water (Residual chlorine concentration control)

Continuous injection of sodium hypo-chlorite, Combined with chlorine sterilizer, residual chlorine concentration can be controlled precisely.



Other applications

- Dosing application in water treatment and effluent treatment plants
- Chemical dosing
- Chemical dosing
- Dosing application in pharmaceutical, pulp and paper, food and beverage, textile, sugar, cosmetic and edible oil industry

A.T.E. Advantages

A.T.E.'s Flow Technology division with its India-wide network of regional sales and service offices is always close to its customers and provides them prompt pre and post sales service.

Our qualified and trained sales and service teams support our customers on product recommendation, application engineering, design layouts as well as installation.

IWAKI PUMPS 



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