

EV072, EV078, EV074, EV075, EV330, EV332

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
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Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
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Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
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Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	

Evaporators

Rotary Evaporators RE-400 series



- ◆ Choice of versions:
 - Standard diagonal condenser
 - Vertical condenser for use where space is at a premium
 - Cold finger condenser for use with dry ice or ice-salt mixtures
 - Uncoated or polymer safety-coated glassware for additional safety during vacuum use
- ◆ Suitable for:
 - Concentration of solutions at atmospheric or reduced pressure
 - Reclamation of solvents
 - Degassing of liquids
 - Vacuum drying wet solids
- ◆ Digital display
- ◆ Sparkless induction motor
- ◆ Selectable clock/anticlockwise rotation which can be alternated during operation
- ◆ Counterbalanced manual lift allows almost effortless operation

With solid-state control maintaining constant torque at all speed settings. In use, the material distilled only contacts glass or PTFE, avoiding contamination and corrosion problems. The vacuum seal is protected by a PTFE defence system. A feed tube adapter permits continuous addition of material to the rotating flask. All connections for water and vacuum are fitted with PTFE screwthread connectors for chemical and temperature resistance with quick, safe assembly. Speed range 20 to 190rpm. Achievable ultimate vacuum levels <1mm Hg. For 220-240V 50Hz single phase supplies.

Rotary Evaporator, Stuart, RE-400

With manual lift and diagonal condenser.

- EV072-11** Evaporator RE-400
- EV072-13** Evaporator RE-400P, plastic coated glassware

Rotary Evaporator, Stuart RE-401

With manual lift and vertical condenser.

- EV072-26** Evaporator RE-401
- EV072-28** Evaporator RE-401P, plastic coated glassware

Rotary Evaporator, Stuart RE-402

With manual lift and cold finger condenser incorporating drain tap.

- EV072-37** Evaporator RE-402
- EV072-40** Evaporator RE-402P, plastic coated glassware

Water Baths, Stuart RE-400DB and RE-400B

A choice of baths for use with water or oil. With digital, set and read, thermostatic control, from ambient up to maximum temperature indicated. A safety cut-out prevents overheating. For 230V 50/60Hz single phase supplies.

- EV078-56** RE-400DB, water bath, 4.3 litres, maximum 90°C
- EV078-66** RE-400OB, oil bath, 5.0 litres, maximum 180°C

Spares

- EV074-11** Vapour tube, RE400/VT for angled condenser
- EV074-13** Vapour tube, RE400/VT/CF for vertical and cold trap condensers

Standard glassware

- EV074-15** Receiving flask, 1000ml, RE100/RF1L
- QFD1L/4RE** Rotating flask, Florentine shape, 1000ml
- EV074-18** Angled condenser, RE400/CO
- EV074-19** Vertical condenser, RE400/VC
- EV074-20** Cold finger condenser, RE400/CF*

Plastic coated glassware

- EV075-15** Receiving flask, 1000ml, RE100/RF1LP
- EV075-18** Angled condenser, RE400/COP
- EV075-19** Vertical condenser, RE400/VCP
- EV075-20** Cold finger condenser, RE200/CFP*
- EV074-22** Feed tube/aeration stopcock, RE400/VR
- EV074-25** Vacuum seal, RE100/VS
- EV074-27** Drain tap for cold finger condensers, RE200/CFD

*Supplied without drain tap — see EV074-27.

Accessories

	Description
Receiving flasks, standard glassware	
EV074-50	50ml, RE100/RF50
EV074-54	100ml, RE100/RF100
EV074-58	250ml, RE100/RF250
EV074-62	500ml, RE100/RF500
Receiving flask, plastic coated glassware	
EV075-62	500ml, RE100/RF500P
Rotating flasks, Florentine shape, standard glassware	
QFD50/4RE	50ml
QFD100/4RE	100ml
QFD250/4RE	250ml
QFD500/4RE	500ml
EV074-70	Extension adapter, RE100/EA. For use with 50ml, 100ml and 250ml rotating flasks



EV072-11 with EV078 bath

Evaporators

Rotary Evaporator, Hei-Vap series



- ◆ Choice of angled or vertical distillation condenser*
- ◆ Choice of digital dial (Hei-Vap Core) or touchscreen (with dial alternative - Hei-Vap Expert) setting and control of rotation speed and heating bath temperature with locking facility to prevent accidental resetting
- ◆ Supplied with high-efficiency heating bath with horizontal positioning adjustment giving immersion depth up to 155mm
- ◆ Choice of manual or electronic lift
- ◆ Standby button stops all functions and applies motor lift if applicable
- ◆ Hei-Vap Expert touchscreen models have USB and microSD interfaces. Warning displays will also operate if preset parameters are exceeded
- ◆ Motorised lift models automatically remove the evaporating flask from the bath in the event of power failure

Speed range	20 to 280rpm
Water bath	20 to 210°C, 4.5 litres capacity
Lifting mechanism	155mm maximum
Evaporator flasks	50 to 5000ml accepted

Each glassware set includes:

1 each 1000ml evaporating and receiving flasks, angled or vertical condenser* and feed tube. Overall W x D x H 490 x 395 x 430mm (manual lift models) 411 x 393 x 427mm (electrical lift models). Weight 22kg. For 230V 50/60Hz single phase supplies.

Analogue control models

With digital display.

- EV330-54** Model Hei-Vap Core, angled distillation, manual lift
- EV330-56** Model Hei-Vap Core, vertical distillation, manual lift



EV330-56

Digital control models

With touchscreen LCD readout.

- EV330-93** Model Hei-Vap Expert, angled distillation, manual lift
- EV330-94** Model Hei-Vap Expert, vertical distillation, manual lift
- EV330-95** Model Hei-Vap Expert, angled distillation, electrical lift
- EV330-96** Model Hei-Vap Expert, vertical distillation, electrical lift

*Cold-trap and plastic-coated glassware versions of these evaporators are available – details on request.

Accessories

- EV332-06** Spare evaporating flask, 1000ml
- EV332-26** Spare receiving flask, 1000ml

Vacuum valve

Required for use with Hei-Vap evaporators and valve-regulated vacuum pumps.

- EV332-39** Vacuum valve

Vacuum pump, Rotovac valve control

Two-stage diaphragm pump in chemically-resistant materials. Throughput 1.7m³/hr, ultimate vacuum 9mbar. Capacity for running up to 3 evaporators simultaneously. Overall 295 x 245 x 185mm W x D x H. Weight 10.5kg. For 230V 50Hz single phase supplies. Requires, but is not supplied with, EV332-39 for operation.

- EV332-44** Pump, Rotovac valve control

Vacuum pump, Rotovac valve tec

Two-stage diaphragm pump in chemically-resistant materials. Throughput 0.75m³/hr, ultimate vacuum 12mbar. Overall 145 x 315 x 169mm W x D x H. Weight 6kg. For 230V 50Hz single phase supplies. Requires, but is not supplied with, EV332-39 for operation.

- EV332-48** Pump, Rotovac valve tec



EV330-95

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