



IHWT | 45° angled inlets and outlets

MODELS		TESY EV 7/5 S2 200 60 45D	TESY EV 10/7 S2 300 65 45D	TESY EV 15/7 500 75 45D	TESY EV 12/9 S2 800 99 45D	TESY EV 13/7 S2 1000 105 45D	TESY EV 12/8 S2 1500 120 45D	TESY EV 14/9 S2 2000 130 45D
Art.number	Nº	305230	305268	305270	305284	305359	305361	305306
Capacity	L	189	279	464	757	932	1414	1822
Net weight	kg	71	104	157	267	310	468	529
Insulation	mm	50	50	50	100	100	100	100
Heat exchanger surface S1	m²	0.76	1.20	2.18	2.68	3.28	3.43	4.50
Heat exchanger capacity S1	L	4.50	7.40	13.70	23.77	28.55	29.60	41.60
Heat exchanger surface S2	m²	0.55	0.86	1.10	1.45	1.28	2.30	2.75
Heat exchanger capacity S2	L	3.20	5.20	6.40	8.40	7.90	20.50	25.20
Heat losses ΔT45K	W	59	68	95	128	142	158	183
Energy efficiency class		B	B	C	C	C	C	C
Maximum operational temperature	°C	95°	95°	95°	95°	95°	95°	95°
Maximum operational temperature of heat exchanger	°C	110°	110°	110°	110°	110°	110°	110°
Rated pressure	bar	8	8	8	8	8	8	8
Rated pressure of the heat exchanger	bar	6	6	6	6	6	6	6
Heat exchanger reheat performance P at flow rate of primary side (S1)	kW (l/min)	13.5 (21)	21.8 (25)	37.3 (29)	62.2 (100)	77.2 (50)	94.5 (100)	113.1 (100)
Heat exchanger reheat performance P at flow rate of primary side (S2)	kW (l/min)	10.8 (21)	19.9 (25)	23.3 (29)	40.3 (100)	36.5 (50)	64.8 (100)	77.1 (100)
V40 -hot water delivered with a temperature of at least 40 °C (S1)	L	285	380	621	1 271	1 402	Upon request	Upon request
V40 -hot water delivered with a temperature of at least 40 °C (S2)	L	128	173	251	496.6	604	Upon request	Upon request
Reheat time 10-60°C rate at primary side (S1)	min (l/min)	45.1 (21)	38.4 (25)	36.3 (29)	48.8 (50)	50.2 (50)	Upon request	Upon request
Reheat time 10-60°C rate at primary side (S2)	min (l/min)	25.3 (21)	19.4 (25)	23.7 (29)	27.6 (50)	40.5 (50)	Upon request	Upon request
Coil Pressure drop at flow rate m3/h (S1)	mBar (l/min)	39.5 (21)	45.4 (25)	151.3 (29)	95.0 (50)	82.6 (50)	Upon request	Upon request
Coil Pressure drop at flow rate m3/h (S2)	mBar (l/min)	23.4 (21)	32.9 (25)	90.2 (29)	168.8 (50)	174.3 (50)	Upon request	Upon request

* - outlet - inlet temperature of the heat transfer fluid

** -10°C - cold water temperature, 60°C - hot water temperature (domestic water)

