



AUTHORIZATION TO MARK

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report(s). This authorization also applies to the Multiple Listee model(s) identified on the correlation page of the Listing Report.

This document is the property of Intertek Testing Services and is not transferable. The Certification Mark(s) may be applied only at the location of the Party Authorized to Apply Mark.

Applicant: EcolInnovation Technologies Inc
 231 Rue Ste-Marie
 St-Louis-de-Gonzague, QC J0S1T0
 Canada

Contact: Daniel Beauchemin

Phone: 888-881-7693

Fax: 888-899-1135

Email: dan@ecoinnovation.ca

Party Authorized to Apply Mark: See following page(s)

Evaluation Center: Intertek (Lachine)

Client Number: 178246

Authorized By: 
Jean-Philippe Kayl, Director of Certification

Intertek Testing Services NA, Inc.
 545 E. Algonquin Road, Ste H., Arlington Heights, IL 60005 USA
 Phone: 847-439-5667 Fax: 847-439-7320



Intertek

This document supersedes all previous Authorizations to Mark for the noted Report Number.

This Authorization to Mark is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Authorization to Mark. Only the Client is authorized to permit copying or distribution of this Authorization to Mark and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement and in this Authorization to Mark. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.

Testing Standard(s):	CSA B55.1 (2015) Ed.2
Product:	EcolInnovation Technologies Inc. - Drain Water Heat Recovery Pipe Model TD Series CSA B55.1

ATM for Report: G101070334; G104146213

ATM Issue Date: 1/15/2020

Listing Section(s): PLUMBING FITTINGS & ACCESSORIES

CSI Code(s): 22 30 00 Plumbing Equipment

Description:

PRODUCTS COVERED

Drain Water Heat Recover Pipe for residential or commercial use.

Efficiency Rating and Pressure Loss at 9.5L/min for 3 Inch Models :

3 inch Models	Heat Recovery	Pressure Loss		Nominal Diameter		Length		Heat Energy Recovery	Mass	
	Efficiency at 9.5L/min	psi	kPa	in	mm	in	mm	Rate	lbs	kg
	%							kW		
TB336B	39.2%	1.3	9	3	76	36	914	7	4.5	10.0
TB338B	40.4%	1.4	10	3	76	38	965	7.2	4.7	10.4
TB340B	41.6%	1.5	10	3	76	40	1016	7.5	4.9	10.9
TB342B	42.8%	1.6	11	3	76	42	1067	7.7	5.1	11.2
TB344B	43.9%	1.7	12	3	76	44	1118	7.9	5.4	11.9
TB346B	45.0%	1.8	12	3	76	46	1168	8.1	5.6	12.4
TB348B	46.0%	1.8	13	3	76	48	1219	8.2	5.9	13.0
TB350B	47.0%	1.9	13	3	76	50	1270	8.4	6.1	13.4
TB352B	48.0%	2	14	3	76	52	1321	8.6	6.4	14.0
TB354B	48.9%	2.1	15	3	76	54	1372	8.8	6.6	14.6
TB356B	49.8%	2.2	15	3	76	56	1422	8.9	6.9	15.2
TB358B	50.7%	2.3	16	3	76	58	1473	9.1	7.2	15.8
TB360B	51.5%	2.3	16	3	76	60	1524	9.2	7.5	16.5
TB362B	52.3%	2.4	17	3	76	62	1575	9.4	7.7	17.0
TB364B	53.0%	2.5	17	3	76	64	1626	9.5	8.0	17.7
TB366B	53.7%	2.6	18	3	76	66	1676	9.6	8.3	18.3
TB368B	54.4%	2.7	18	3	76	68	1727	9.7	8.6	18.9
TB370B	55.0%	2.7	19	3	76	70	1778	9.9	8.9	19.6
TB372B	55.6%	2.8	20	3	76	72	1829	10	9.2	20.3

Efficiency Rating and Pressure Loss at 9.5L/min for 4 Inch Models :

4 inch Models	Heat Recovery	Pressure Loss		Nominal Diameter		Length		Heat Energy Recovery	Mass	
	Efficiency at 9.5L/min	psi	kPa	in	mm	in	mm	Rate	lbs	kg
	%							kW		
TB442B	46.0%	1.4	10	4	102	42	1067	8.3	7.6	16.8
TB460B	57.3%	2.2	15	4	102	60	1524	10.3	11.2	24.8
TB472B	58.4%	2.7	19	4	102	72	1829	10.5	13.6	29.9

3 inch models	Heat recovery Efficiency at	Pressure Loss	Nominal Diameter	length	heat Energy recovery rate	Mass
---------------	-----------------------------	---------------	------------------	--------	---------------------------	------

	9.5L/min									
	%	psi	kPa	in.	mm	in.	mm	kW	Lbs	Kg
TDH3320B	41.0	2.0	14	3	76	32	813	7.7	15.4	7.0
TDH3325B	41.4	2.0	14	3	76	32.5	826	7.8	15.7	7.1
TDH3330B	41.8	2.0	14	3	76	33	838	7.9	16.0	7.3
TDH3335B	42.1	2.1	14	3	76	33.5	851	7.9	16.3	7.4
TDH3340B	42.5	2.1	14	3	76	34	864	8.0	16.6	7.5
TDH3345B	42.8	2.1	14	3	76	34.5	876	8.1	16.9	7.7
TDH3350B	43.2	2.1	14	3	76	35	889	8.1	17.2	7.8
TDH3355B	43.5	2.1	15	3	76	35.5	902	8.2	17.5	7.9
TDH3360B	43.8	2.2	15	3	76	36	914	8.3	17.8	8.1
TDH3365B	44.2	2.1	15	3	76	36.5	927	8.3	18.1	8.2
TDH3370B	44.5	2.1	15	3	76	37	940	8.4	18.4	8.3
TDH3375B	44.8	2.2	15	3	76	37.5	953	8.5	18.7	8.5
TDH3380B	45.2	2.2	15	3	76	38	965	8.5	18.9	8.6
TDH3385B	45.5	2.2	15	3	76	38.5	978	8.6	19.2	8.7
TDH3390B	45.8	2.2	15	3	76	39	991	8.6	19.5	8.9
TDH3395B	46.1	2.2	15	3	76	39.5	1003	8.7	19.8	9.0
TDH3400B	46.4	2.2	15	3	76	40	1016	8.8	20.1	9.1
TDH3405B	46.8	2.2	15	3	76	40.5	1029	8.8	20.4	9.3
TDH3410B	47.1	2.2	15	3	76	41	1041	8.9	20.7	9.4
TDH3415B	47.4	2.2	15	3	76	41.5	1054	8.9	21.0	9.5
TDH3420B	47.7	2.2	15	3	76	42	1067	9.0	21.3	9.7
TDH3425B	48.0	2.3	16	3	76	42.5	1080	9.0	21.6	9.8
TDH3430B	48.3	2.3	16	3	76	43	1092	9.1	21.8	9.9
TDH3435B	48.6	2.3	16	3	76	43.5	1105	9.2	22.1	10.1
TDH3440B	48.8	2.3	16	3	76	44	1118	9.2	22.4	10.2
TDH3445B	49.1	2.3	16	3	76	44.5	1130	9.3	22.7	10.3
TDH3450B	49.4	2.3	16	3	76	45	1143	9.3	23.0	10.4
TDH3455B	49.7	2.3	16	3	76	45.5	1156	9.4	23.3	10.6
TDH3460B	50.0	2.3	16	3	76	46	1168	9.4	23.6	10.7
TDH3465B	50.2	2.3	16	3	76	46.5	1181	9.5	23.8	10.8
TDH3470B	50.5	2.3	16	3	76	47	1194	9.5	24.1	11.0
TDH3475B	50.8	2.3	16	3	76	47.5	1207	9.6	24.4	11.1
TDH3480B	51.0	2.3	16	3	76	48	1219	9.6	24.7	11.2
TDH3485B	51.3	2.3	16	3	76	48.5	1232	9.7	25.0	11.4
TDH3490B	51.6	2.4	16	3	76	49	1245	9.7	25.3	11.5
TDH3495B	51.8	2.4	16	3	76	49.5	1257	9.8	25.5	11.6
TDH3500B	52.1	2.4	16	3	76	50	1270	9.8	25.8	11.7
TDH3505B	52.3	2.4	16	3	76	50.5	1283	9.8	26.1	11.9
TDH3510B	52.6	2.4	16	3	76	51	1295	9.9	26.4	12.0
TDH3515B	52.8	2.4	16	3	76	51.5	1308	9.9	26.7	12.1

TDH3520B	53.0	2.4	16	3	76	52	1321	10.0	26.9	12.2
TDH3525B	53.3	2.4	16	3	76	52.5	1334	10.0	27.2	12.4
TDH3530B	53.5	2.4	16	3	76	53	1346	10.1	27.5	12.5
TDH3535B	53.7	2.4	17	3	76	53.5	1359	10.1	27.8	12.6
TDH3540B	54.0	2.4	17	3	76	54	1372	10.1	28.1	12.8
TDH3545B	54.2	2.4	17	3	76	54.5	1384	10.2	28.3	12.9
TDH3550B	54.4	2.4	17	3	76	55	1397	10.2	28.6	13.0
TDH3555B	54.6	2.4	17	3	76	55.5	1410	10.2	28.9	13.1
TDH3560B	54.8	2.4	17	3	76	56	1422	10.3	29.2	13.3
TDH3565B	55.1	2.4	17	3	76	56.5	1435	10.3	29.4	13.4
TDH3570B	55.3	2.4	17	3	76	57	1448	10.4	29.7	13.5
TDH3575B	55.5	2.4	17	3	76	57.5	1461	10.4	30.0	13.6
TDH3580B	55.7	2.4	17	3	76	58	1473	10.4	30.3	13.8
TDH3585B	55.9	2.4	17	3	76	58.5	1486	10.5	30.5	13.9
TDH3590B	56.1	2.4	17	3	76	59	1499	10.5	30.8	14.0
TDH3595B	56.3	2.4	17	3	76	59.5	1511	10.5	31.1	14.1
TDH3600B	56.4	2.4	17	3	76	60	1524	10.6	31.4	14.3
TDH3605B	56.6	2.4	17	3	76	60.5	1537	10.6	31.6	14.4
TDH3610B	56.8	2.4	17	3	76	61	1549	10.6	31.9	14.5
TDH3615B	57.0	2.4	17	3	76	61.5	1562	10.6	32.2	14.6
TDH3620B	57.2	2.5	17	3	76	62	1575	10.7	32.4	14.7

Party(s) Authorized by Manufacturer To Apply Mark:
None

Party(s) Authorized by Other Parties To Apply Mark:
None