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Free Surfing Lessons Website Navigation

We recently realized, from various interactions with our customers, that some of you could use some guidance on how to locate certain information about our products. In this edition of TechTime, you will find a few pointers on how to browse our website in order to find information about our HVAC Controls.

When visiting Neptronic's <u>main page</u>, below the main banner, you will see Neptronic's five product lines: HVAC Controls, Actuators, Actuated Valves, Humidifiers & Electric Heaters. To access the controls section, click on the HVAC Controls tab (shown in red box bellow).



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On the HVAC Controls page, you will find multiple product categories, each leading to a different controls sections. Note that some products are found in more than one section. For example, the TUCB/TUHB Series can be found in the "Fan Coil Controls" section as well as the "Wall Mounted Controllers" section.



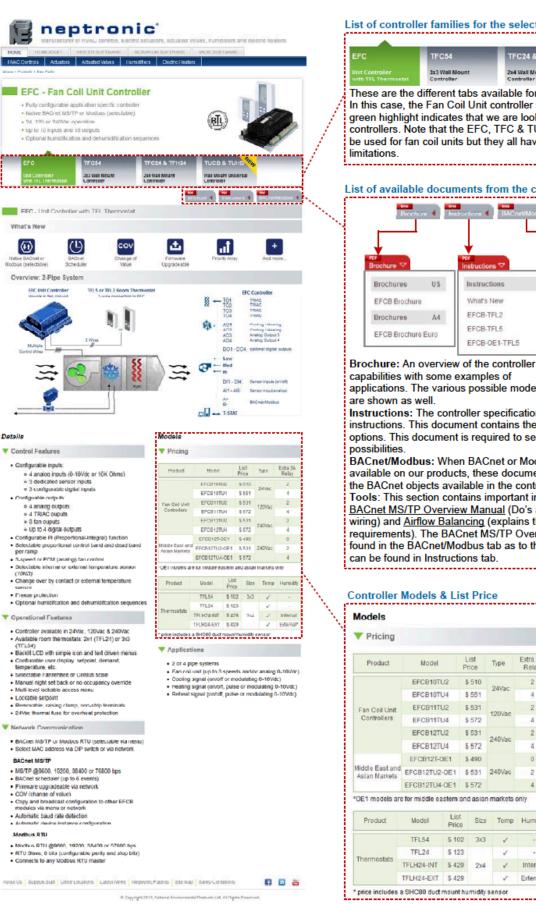
Here's a detailed list of the different sections and elements found on the Controls Page:

- 1. Fan Coil Controls: All fan coil controllers (EFC, TFC54, TFC24 & TUCB).
- 2. VAV Controls: All VAV box controllers (EVC TRO54 & TRO24).
- BACnet/Modbus I/O Board: There are two models of I/O extension boards available (CMMB106 & CMMB1322). In this section, you will also find information on possible thermostats connected to the CMMB106.
- 4. Wall Mounted Controllers: If you are looking for a wall controller, this is the section you want to select.
- 5. Wireless Sensors: This section covers EnOcean thermostats & wireless sensors mostly used for OEMs.
- Humidity Controllers & Sensors: Humidity controller family (HRO) & humidity sensors.
- 7. Temperature & Humidity Sensors: All temperature and humidity sensors including BACnet sensors, relay control modules, changeover switch and manual electronic positioner.
- 8. Static Pressure Controller and Transducer: SPC controller series & SPD transducer series.
- 9. SCR/SSR: All SSR products including multi-signal SSR.
- 10. Relay Board: Used to convert a 24Vac controller to line voltage (used in conjunction with TFC series controller).
- **11. TechTime Articles**: Monthly articles pertaining to controls, humidifiers and electric duct heaters.
- 12. HVAC Controls Catalog: Quick link to our new controls catalog, which covers all of our controls product lines.

Once you have clicked on a product section you will be brought to the corresponding product category page. The following images explain the different elements found within our product pages.

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List of controller families for the selected application



These are the different tabs available for the selected application. In this case, the Fan Coil Unit controller section is shown. The green highlight indicates that we are looking at the EFC series controllers. Note that the EFC, TFC & TUCB series controllers can be used for fan coil units but they all have their differences and

List of available documents from the current controller family

Brochure 4	nstructions BACnet/Mod	bus 🔞
↓	↓ l	↓
kochure 🗢	Instructions 🗸	BACinet/Modbus 🗢
Brochures US	Instructions	BACnet/Modbus
EFCB Brochure	What's New	EFCB BACnet
Brochures A4	EFCB-TFL2	EFCB-OE1 BACnet
EFCB Brochure Euro	EFCB-TFL5	EFCB Modbus
El ob brodiare Euro	EFCB-OE1-TFL5	EFCB-OE1 Modbus
		Tractor

capabilities with some examples of applications. The various possible models

Instructions: The controller specification and installation instructions. This document contains the configuration menus and options. This document is required to see all the configuration

BACnet/Modbus: When BACnet or Modbus communication is available on our products, these documents list and describe all the BACnet objects available in the controller. Tools: This section contains important information such as BACnet MS/TP Overview Manual (Do's and Don'ts with BACnet

wiring) and Airflow Balancing (explains the balancing steps and requirements). The BACnet MS/TP Overview manual can be found in the BACnet/Modbus tab as to the EVC Balancing manual

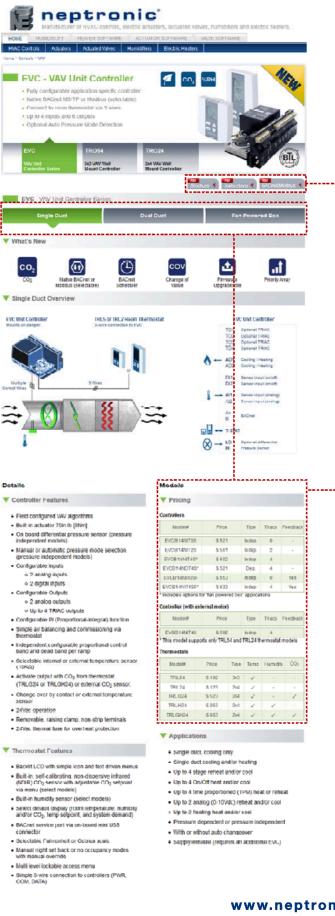
Product	Model			ist ice	Туре	Extra 3A Relay
	EFCB10TU2		\$	510	0.000	2
	EFCB10TU4		\$	551	24Vac	.4
Fan Coil Unit	EFCB11TU2		\$	531		2
Controllers	EFCB11TL	14	\$	572	120Vac	4
	EFCB12TU2		\$	531		2
	EFCB12TU	J4	ş	572	240Vac	4
	EFCB12T-OE1		\$	490		0
Middle East and Asian Markets	EFCB12TU2-OE1		\$	531	240Vac	2
Piblall Markets	EFCB12TU4-	5	572		4	
OE1 models ar Product	e for middle ea Model	List Pric	t	Size		only Humidity
	TFL54	\$ 10	2	3x3	1	1
-	TFL24	\$ 12	3		1	-
Thermostats	TFLH24-INT	\$ 42	9 2:4		1	Internal

This section shows all the available models and list prices. Use the list price with your current multiplier to obtain the net price. Note that you can click on the model to obtain the specification and installation instructions

BACnet Guide

BTL Listing

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Brochure	< In	structions 4 BACnet/Modb	15 🔳
		POF	Pol
Brochure 🔽	110		BACnet/Modbus ▽
Brochures	US	Standard	Standard
EVCB Brochure US		EVCB-TRL2 (2x4)	EVCB BACnet
Brochures	A4	EVCB-TRL5 (3x3)	EVCB Modbus
Coming soon		Tools	Tools
		Airflow Balancing	BACnet Guide
		Dual Duct	BTL Listing
		EVCBM-TRL2 (2x4)	Dual Duct
		External Motor	EVCBM BACnet
		EVCB14NIT4X (2x4)	EVCBM Modbus
			External Motor
			NIT4X BACnet
			NIT4X Modbus
			on can be found in bo

Selecting another tab from the list, narrows down the available models for that particular application. Note that the Dual Duct application was not in the Single Duct tab.

Models

Model	List Price	Туре			
EVCBM14NIT2S	\$ 5638	Master Controller			l.
EVCS14N	\$ 633		Slave Controller		
hermostats					
Model#	Price	Туре	Temp	Humidity	CO ₂
TRL24	\$ 123	2x4	1	4	
TRLG24	\$ 523	21.4	1		1

2x4 1

2x4

\$ 263

\$ 663

All the following models were found in the single duct but only these models have the options to configure a fan on a fan powered box applications (series or parallel).

1

1

1

Models

TRLH24

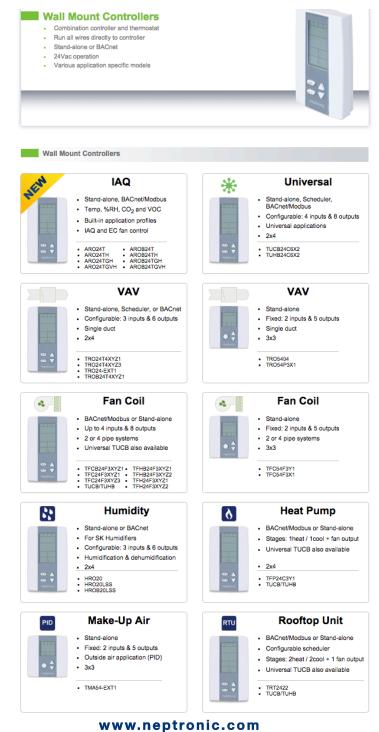
TRLGH24

ontrollers					
Model#	Pric	e	Туре	Triacs	Feedback
EVCB14NIT4S	\$ 60	2	Indep.	4	-
EVCB14NDT4S	\$ 52	1	Dep.	4	
EVCB14NIT4SE	\$ 63	3	Indep.	4	Yes
ermostats					
Model#	Price	Туре	Temp	Humidit	y CO ₂
	Price \$ 102	Type 3x3	Temp	Humidit	y CO ₂
Model#				Humidit -	y CO ₂
Model# TRL54	\$ 102	3x3	1	Humidit - -	-
Model# TRL54 TRL24	\$ 102 \$ 123	3x3 2x4	4	Humidi - -	-

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Electric Actuators Actuated Valves Humidifiers Electric Heaters

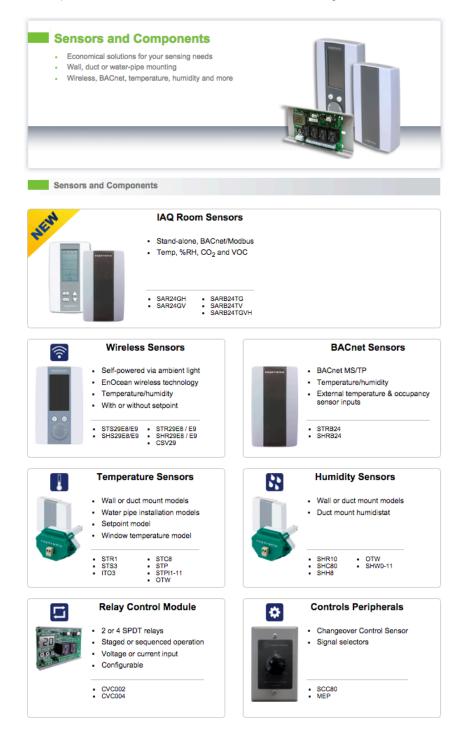
To the exception of the Wall Mount Controllers and Sensors and Components sections, most sections are structured similarly in order to simplify the search of information. The Wall Mount Controllers section is organised by type of application, as shown the image below.



HVAC Controls

Electric Actuators Actuated Valves

The Sensors and Components section is further divided into subcategories, as shown in the image below.



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A Documentation page is also available from the Neptronic main page, located under HVAC Controls tab as shown in the image below.

CONTROLS	ACTUATORS	ACTUATED VALVES	HUMIDIFIERS	ELECTRIC HEATERS
Product Overview Occumentation	Product Overview Documentation Actuators Software	 Product Overview Documentation Valve Software 	 Product Overview Documentation Humidisoft 	Product Overvie Documentation Heater Software
Controls Documentation				
Controls Catalog				
CONTROLS GATALOG FOR SYSTEM INTEGRAT • Pd'version • Flipbookversion	lona			
BACnet I/O Board				
CMMD Installation Instructions - CHMB 1322	Brochure - CARABING	BACnet User Guide		
Medicus LCD Thermostat Installation Instructions • STLD24A				
Fan Coils				
EFC (all models) Installation Instructions • EFC#FTr42 (204) • EFC#FTr42 (204) • EFC#FTr43 (205) • EFC#04/matr Hww	Brochuro • EPCB Nom America (Letter) • EPCB Eury (A4)	BACnot/Modbus • EFC3 BACter Guide • EFC3 Multurs Guide • EFC3-CE1 DAGet Oxide • EFC9-CE1 Martsus Guide		
Thermostatus TFG & TFH Insiallation Instructions • ************************************	Brochuros - TEC 2:0 - TEC TEL 5:4	BACnet User Guide TEXED & Radea		
Heat Pump Controllers				
Thermostats TFP Installation Instructions • TFP24C3T1				
Humidity Controllers & Sensors				
Itunidity Controller Installation Instructions + KND obsolve related by HR220 + SH280 + KR10 obsolve replaced by HR220 + KR1000 - KR1000 - KR1000				
Hundity Sensor Intellation Instructions • HURA costolete replaced by SHUBU • HURA costolete replaced by SHUBU • HURA costolete replaced by SHUBU • SHR1D				
Relay Interface Board				
CCC Controller Installation Instructions + CCC Series	Drochure + CCO Series			
SCR Controllers	www.pe	ptronic.com		
		P.1.011010011		

There is much more information available on our web site but these are the most frequently asked elements.

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HVAC Controls Electric Actuators Actuated Valves Humidifiers Electric Heaters