



Parts & Supplies Catalog



comfort | excellence

Carrier Enterprise
Caribbean Region



Air Movement	58 - 60
Chemicals	22
Compressors	38 - 45
Cooling Towers.	57
Copper	10
Electrical Items	11-15
Indoor Air Quality	23 - 27
Instalation & HVAC Supplies	51 - 56
Motors	4 - 9
Refrigeration	46 - 50
Thermostats Controls	16 - 21
Tools, Hardware & Accesories	28 - 37

TopTech
comfort | excellence



FRACTIONAL HORSEPOWER MOTORS

TopTech
comfort | excellence

CONDENSER FAN

PRODUCT #	DESCRIPTION
TT-C16-1SP2	COND 1SP 1075 230V 1/6HP
TT-C25-1SP2	COND 1SP 1075 230V 1/4HP
TT-C25-1SP2HT	COND 70C 1SP 1075 230V 1/4
TT-C25-1SP3HT	COND 70C 1SP 825 230V 1/4
TT-C33-1SP2	COND 1SP 1075 230V 1/3HP
TT-C33-1SP2HT	COND 70C 1SP 1075 230V 1/3
TT-C33-1SP3HT	COND 70C 1SP 825 230V 1/3
TT-C33-MSP2	COND 1/3HP MULTI MOTOR
TT-C33-MSP3	COND 1/3HP RESCUE 825RPM
TT-C50-1SP2	COND 1SP 1075 230V 1/2HP
TT-C50-1SP2HT	COND 70C 1SP 1075 230V 1/2
TT-C50-MSP2	COND 1/2HP MULTI MOTOR
TT-C75-1SP2	COND 1SP 1075 230V 3/4HP



EVAPORATOR

PRODUCT #	DESCRIPTION
TT-E25-3SP1	EVAP 3SP 1075 115V 1/4HP
TT-E25-3SP2	EVAP 3SP 1075 230V 1/4HP
TT-E33-3SP1	EVAP 3SP 1075 115V 1/3HP
TT-E33-3SP2	EVAP 3SP 1075 230V 1/3HP
TT-E50-3SP1	EVAP 3SP 1075 115V 1/2HP
TT-E50-3SP2	EVAP 3SP 1075 230V 1/2HP
TT-E50-MSP1	EVAP 1/2HP MULTI MOTOR 115V
TT-E50-MSP2	EVAP 1/2HP MULTI MOTOR
TT-E75-3SP1	EVAP 3SP 1075 115V 3/4HP
TT-E75-3SP2	EVAP 3SP 1075 230V 3/4HP
TT-E75-MSP1	EVAP 3/4HP MULTI MOTOR
TT-E75-MSP2	EVAP 3/4HP MULTI MOTOR



Features and Benefits



COLOR PACKAGING

Bright, colorful, easy to read packaging removes confusion about motors. Additionally, the distributor can easily identify the stock of motors on the shelf. The application, voltage, and horsepower of a motor are visible at a glance.



INNOVATIVE PACKAGING

A unique styrofoam cradle inside the carton supports and protects the motor shaft, and mounting bolts during shipment.



CROSS REFERENCE

For your convenience, TopTech provides a complete manufacturer cross-reference on the side of every motor carton.



CARTON HANDLE

The motor carton has been designed with an innovative handle to make the motors much easier to carry.



CAPACITOR SIZE

The appropriate size 370 VAC run capacitor is noted on every motor carton.



LARGER DIAGRAM

An extra large wiring diagram supplied on the motor carton, as well as in the installation and safety instruction sheet, is highly visible and very easy to read.



LARGE LABEL

Informative product label contains the motor model number in large type. The UPC is also printed on every motor label.



EXTENDED BOLTS

Extended mounting bolts provide for easier installation in cramped spaces. With the longer bolts, the installer is able to more easily start the threaded mounting nut.



EXTENDED WIRES

TopTech motor wires are thirty inches long. The added length makes it easier for the contractor to install the new motor.



WIRE STRIPPING

Partial stripping leaves the insulation on the motor connection wire. This protects the stranded copper wire and prevents damage to individual strands.



REVERSING PLUG

The electrical reversing plug simplifies rotation direction changes.



INSULATED DISCONNECTS

Run capacitor connections are insulated for increased safety. Flag disconnects on condenser fan motors and inline disconnects on direct drive furnace blower motors are provided.



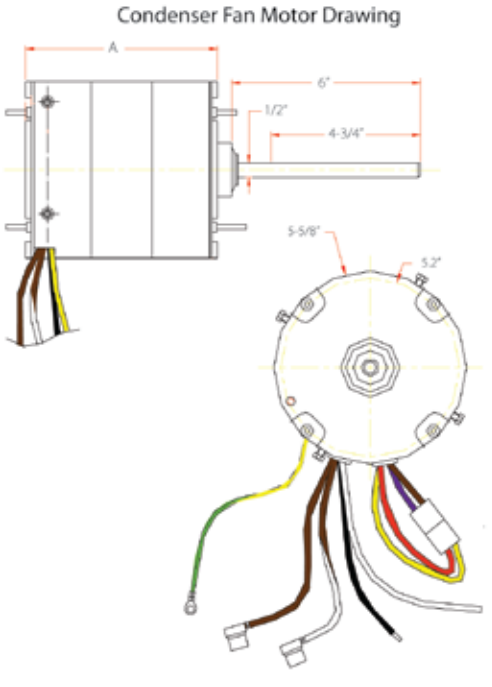
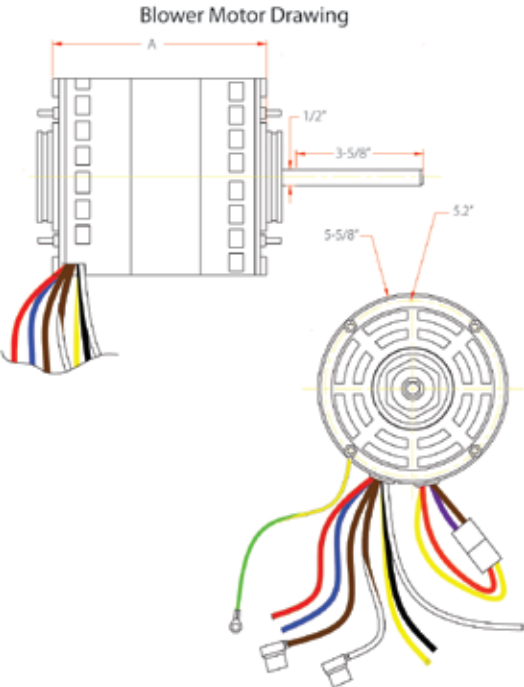
MULTIPLE HORSEPOWER

Allows the contractor and distributor to consolidate multiple part codes into a single stocking unit. Carry one motor that can replace a wide variety of OEM and other replacement motors, saving time and money.

Technical Specifications

	Part Number	HP	Voltage	Amps	Speed	Capacitor	Bearing	Size "A"	Total weight
Direct Drive Furnace Blower Motors	TT-E25-3SP1	1/4hp	115V 60HZ	4.60	1075 / 3	5uF/370V	SLEEVE	4.213"	10
	TT-E25-3SP2	1/4hp	208/230V 60Hz	2.20	1075 / 3	5uF/370V	SLEEVE	4.213"	12
	TT-E33-3SP1	1/3hp	115V 60HZ	6.70	1075 / 3	5uF/370V	SLEEVE	4.469"	12
	TT-E33-3SP2	1/3hp	208/230V 60Hz	2.90	1075 / 3	5uF/370V	SLEEVE	4.469"	12
	TT-E50-3SP1	1/2hp	115V 60HZ	10.20	1075 / 3	5uF/370V	SLEEVE	5.472"	16.28
	TT-E50-3SP2	1/2hp	208/230V 60Hz	5.00	1075 / 3	5uF/370V	SLEEVE	5.217"	16.28
	TT-E75-3SP1	3/4hp	115V 60HZ	11.30	1075 / 3	15uF/370V	SLEEVE	5.472"	19.36
	TT-E75-3SP2	3/4hp	208/230V 60Hz	5.40	1075 / 3	10uF/370V	SLEEVE	5.472"	19.36
	TT-E10-3SP1	1 HP	115V 60HZ	12.60	1075/3	20uF/370V	BALL	6.122"	22
	TT-E10-3SP2	1 HP	208/230V 60Hz	5.59	1075/3	15uF/370V	BALL	5.728"	22
Condenser Fan Motors	TT-C16-1SP2	1/6hp	208/230V 60Hz	1.30	1075/1	5uF/370V	SLEEVE	4.25"	9.46
	TT-C25-1SP2	1/4hp	208/230V 60Hz	2.20	1075/1	5uF/370V	SLEEVE	4.25"	12
	TT-C33-1SP2	1/3hp	208/230V 60Hz	2.80	1075/1	7.5uF/370V	SLEEVE	4.52"	12
	TT-C50-1SP2	1/2hp	208/230V 60Hz	4.20	1075/1	10uF/370V	SLEEVE	5.29"	16.28
	TT-C75-1SP2	3/4hp	208/230V 60Hz	4.50	1075/1	10uF/370V	SLEEVE	5.75"	22

Multiple Horsepower		Part Number	Voltage	Speed	Capacitor	Bearing	(1) HP FLA	(2) HP FLA	(3) HP FLA	(4) HP FLA	(5) HP FLA	Size "A"	Total weight
	Direct Drive Furnace Blower Motor	TT-E50-MSP2	208/230V 60Hz	1075/4	10uF/370V	BALL	1/2 - 7.0	1/3 - 6.7	1/4 - 4.4	1/5 - 3.2	1/6 - 2.4	4.862"	17.16
		TT-E50-MSP1	115V 60Hz	1075/4	10uF/370V	BALL	1/2 - 3.9	1/3 - 3.6	1/4 - 2.5	1/5 - 1.8	1/6 - 1.3	4.862"	17.16
		TT-E75-MSP1	115V 60Hz	1075/4	10(20)uF/370V	BALL	3/4 - 8.1	1/2 - 6.6	1/3 - 4.6	1/4 - 3.8	1/5 - 3.1	5.708"	18.92
		TT-E75-MSP2	208/230V 60Hz	1075/4	10(20)uF/370V	BALL	3/4 - 3.8	1/2 - 3.7	1/3 - 2.5	1/4 - 1.8	1/5 - 1.7	5.708"	18.92
	Condenser Fan Motor	TT-C33-MSP2	208/230V 60Hz	1075/2	7.5/5uF/370V	BALL	1/3 - 2.8	1/4 - 2.0	1/5 - 1.7	1/6 - 1.5	N/A	4.53"	13.64
		TT-C33-MSP3	208/230V 60Hz	825/2	10/7.5uF/370V	BALL	1/2 - 3.0	1/3 - 2.5	1/4 - 2.0	1/5 - 1.3	N/A	5.32"	15.84
		TT-C50-MSP2	208/230V 60Hz	1075/2	12.5/10uF/370V	BALL	1/3 - 2.1	1/4 - 1.7	1/5 - 1.5	1/6 - 1.2	N/A	5.32"	14.52





Why Sell TopTech Motors

TopTech motors are 100% functionally tested during manufacturing and then retested after final assembly for everything from input power to Hi-Pot and continuity testing.

TopTech motors require compliance verification of incoming raw materials for dimensional, mechanical, and specifications identified in the drawing and quality procedure.

TopTech furnace blower motors are rated for higher ambient temperature so they can be used in more applications and in more regions.

Application	HP	Voltage	Speed	370V Capacitor	TopTech	Mars	Packard	Gemline	Marathon	AO Smith	Fasco	Emerson	Smart
Condenser Fan Motor	3/4	208-230	1075/1	10	TT-C75-1SP2	Q3731				FSE1076S	D929	1868	SE3731
	1/2	208-230	1075/1	10	TT-C50-1SP2	Q3730	63130	EM3730	X221	FSE1056S	D907	1862	SE3730
	1/3	208-230	1075/1	7.5	TT-C33-1SP2	Q3729	63129	EM3729	X214	FSE1036S	D908	1861	SE3729
	1/4	208-230	1075/1	5	TT-C25-1SP2	Q3728	63128	EM3728	X213	FSE1026S	D909	1860	SE3728
	1/6	208-230	1075/1	5	TT-C16-1SP2	Q3727			X411	FSE1016S	D905	1859	SE3727
	1/6 to 1/3	208-230	1075/2		TT-C33-MSP2					FE6000	D2827	5462	SE3465
	1/5 to 1/2	208-230	1075/2		TT-C50-MSP2					FE6002		5465	SE3468
	1/6 to 1/3	208-230	825/2		TT-C33-MSP3					FE6001	D2826	5464	SE3469
Direct Drive Furnace Blower Motor	1	115	1075/3	20	TT-E10-3SP1	Q3595				BDL1106		8906	
	1	208-230	1075/3	15	TT-E10-3SP2	Q3596			X023	BD1106		8907	
	3/4	115	1075/3	15	TT-E75-3SP1	Q3589		EM3589	X009	DL1076	D728	8904	SE3589
	3/4	208-230	1075/3	10	TT-E75-3SP2	Q3590	63990	EM3590	X010	D1076	D729	8905	SE3590
	1/2	115	1075/3	5	TT-E50-3SP1	Q3587	63987	EM3587	X004	FDL1056	D701	1865	SE3587
	1/2	208-230	1075/3	5	TT-E50-3SP2	Q3588	63988	EM3588	X005	FD1056	D703	1973	SE3588
	1/3	115	1075/3	5	TT-E33-3SP1	Q3585		EM3585	X002	FDL1036	D727	1864	SE3585
	1/3	208-230	1075/3	5	TT-E33-3SP2	Q3586	63986	EM3586	X003	FD1036	D923	1972	SE3586
	1/4	115	1075/3	5	TT-E25-3SP1	Q3583	63983	EM3583		FDL1026	D721	1863	SE3583
	1/4	208-230	1075/3	5	TT-E25-3SP2	Q3584	63984	EM3584	X001	D1026	D725	1971	SE3584
	1/6 to 1/2	115	1075/4		TT-E50-MSP1					FDL6001	D2835	5460	SE3463
	1/6 to 1/2	208-230	1075/4		TT-E50-MSP2					FDL6000	D833	5461	
	1/5 to 3/4	115	1075/4		TT-E75-MSP1					FDL6002	D2832	5470	SE3466
	1/5 to 3/4	208-230	1075/4		TT-E75-MSP2					FD6001	D2833	5471	SE3467

Cross Reference Guidelines

- Horsepower must be within +/- 10% of OEM
- Replacement motor voltage must match OEM exactly
- Minimum current rating should equal OEM maximum and should not exceed + 10%
- Speed should be within +/- 10% of OEM
- Capacitor value should match value on replacement motor label

Mars, Packard, Gemline, Marathon, Fasco, AO Smith, and Emerson are trademarks of their respective owners. Reasonable effort has been made to assure the accuracy of cross-reference information. However, final evaluation for suitable replacement is left to the installer.

Providing HVAC Motors
For Over 50 Years



When it comes to heating, cooling, and ventilation motors, few can match A. O. Smith's commitment to comfort. Whether it is a tough outdoor condenser fan, or an indoor blower application, our dependable product line is up to the task.

As an installer, service technician, or contractor, you need a comprehensive motor line backed by a company that will be there in the future. A. O. Smith is that company, and we've been committed to the electric motor industry since 1940.

Maybe that is why A. O. Smith is one of the leading independent suppliers of motors to the air conditioning industry.

Your one
QUALITY
source for
HVAC motor
solutions





COPPER	
PRODUCT	DESCRIPTION
COP1/2X20	COPPER ACR 1/2X20 FT
COP1/2X50	COPPER 1/4 ROLL
COP1/4X50	COPPER ACR 11/8X20 FT
COP1-1/8X20	COPPER ROLL 1-1/8X50
COP1-1/8X50	COPPER ACR 1-3/8X20 FT
COP1-5/8X20	COPPER ACR 1-5/8X20 FT
COP2-1/8X20	COPPER ACR 2-1/8X20 FT
COP2-5/8X20	COPPER ACR 2-5/8 FT
COP3/16X50	COPPER 3/16 ROLL
COP3/4X20	COPPER ACR 3/4 X20 FT
COP3/4X50	COPPER ROLL 3/4 X50
COP3/8X20	COPPER ACR 3/8X20 FT
COP3/8X50	COPPER 5/8 ROLL
COP5/16X50	COPPER 5/16 ROLL
COP5/8X20	COPPER ACR 5/8X20 FT
COP5/8X50	COPPER 5/8 ROLL
COP7/8X20	COPPER ACR 7/8X20 FT
COP7/8X50	COPPER 7/8 ROLL



CAPACITORS

RUN ROUND	
PRODUCT #	DESCRIPTION
TT-CAP-3/370	3 MFD 370 VOLT
TT-CAP-3/440	3 MFD 440 VOLT
TT-CAP-4/370	4 MFD 370 VOLT
TT-CAP-4/440	4 MFD 440 VOLT
TT-CAP-5/370	5 MFD 370 VOLT
TT-CAP-5/440	5 MFD 440 VOLT
TT-CAP-7.5/370	7.5 MFD 370 VOLT
TT-CAP-7.5/440	7.5 MFD 440 VOLT
TT-CAP-10/370	10 MFD 370 VOLT
TT-CAP-10/440	10 MFD 440 VOLT
TT-CAP-12.5/370	12.5 MFD 370 VOLT
TT-CAP-12.5/440	12.5 MFD 440 VOLT
TT-CAP-15/370	15 MFD 370 VOLT
TT-CAP-15/440	15 MFD 440 VOLT
TT-CAP-20/370	20 MFD 370 VOLT
TT-CAP-20/440	20 MFD 440 VOLT
TT-CAP-25/370	25 MFD 370 VOLT
TT-CAP-25/440	25 MFD 440 VOLT
TT-CAP-30/370	30 MFD 370 VOLT
TT-CAP-30/440	30 MFD 440 VOLT
TT-CAP-35/370	35 MFD 370 VOLT
TT-CAP-35/440	35 MFD 440 VOLT
TT-CAP-40/370	40 MFD 370 VOLT
TT-CAP-40/440	40 MFD 440 VOLT
TT-CAP-45/370	45 MFD 370 VOLT
TT-CAP-45/440	45 MFD 440 VOLT
TT-CAP-50/370	50 MFD 370 VOLT
TT-CAP-50/440	50 MFD 440 VOLT
TT-CAP-55/370	55 MFD 370 VOLT

RUN ROUND	
PRODUCT #	DESCRIPTION
TT-CAP-55/440	55 MFD 440 VOLT
TT-CAP-60/370	60 MFD 370 VOLT
TT-CAP-60/440	60 MFD 440 VOLT
TT-CAP-80/370	80 MFD 370 VOLT
TT-CAP-5/370R	5 MFD 370 VOLT ROUND
TT-CAP-45/370R	45 MFD 370 VOLT ROUND
TT-CAP-45/440R	45 MFD 440 VOLT ROUND
TT-CAP-55/440R	55 MFD 440 VOLT ROUND
TT-CAP-60/440R	60 MFD 440 VOLT ROUND
TT-CAP-80/440R	80 MFD 440 VOLT ROUND





DUAL	
PRODUCT #	DESCRIPTION
TT-CAP-10/10/370	10 & 10 MFD 370 VOLT
TT-CAP-15/4/370	15 & 4 MFD 370 VOLT
TT-CAP-15/5/370	15 & 5 MFD 370 VOLT
TT-CAP-20/5/370	20 & 5 MFD 370 VOLT
TT-CAP-20/5/440	20 & 5 MFD 440 VOLT
TT-CAP-25/5/370	25 & 5 MFD 370 VOLT
TT-CAP-25/5/440	25 & 5 MFD 440 VOLT
TT-CAP-25/10/370	25 & 10 MFD 370 VOLT
TT-CAP-25/15/440	25 & 15 MFD 440 VOLT
TT-CAP-30/3/370	30 & 3 MFD 370 VOLT
TT-CAP-30/5/370	30 & 5 MFD 370 VOLT
TT-CAP-30/5/440	30 & 5 MFD 440 VOLT
TT-CAP-30/7.5/440	30 & 7.5 MFD 440 VOLT
TT-CAP-35/3/370	35 & 3 MFD 370 VOLT
TT-CAP-35/3/440	35 & 3 MFD 440 VOLT
TT-CAP-35/5/370	35 & 5 MFD 370 VOLT
TT-CAP-35/5/440	35 & 5 MFD 440 VOLT
TT-CAP-35/7.5/370	35 & 7.5 MFD 370 VOLT
TT-CAP-35/7.5/440	35 & 7.5 MFD 440 VOLT
TT-CAP-40/3/370	40 & 3 MFD 370 VOLT
TT-CAP-40/5/370	40 & 5 MFD 370 VOLT
TT-CAP-40/5/440	40 & 5 MFD 440 VOLT
TT-CAP-40/7.5/440	40 & 7.5 MFD 440 VOLT
TT-CAP-45/10/370	45 & 10 MFD 370 VOLT
TT-CAP-45/5/370	45 & 5 MFD 370 VOLT
TT-CAP-45/5/440	45 & 5 MFD 440 VOLT
TT-CAP-45/7.5/370	45 & 7.5 MFD 370 VOLT
TT-CAP-45/7.5/440	45 & 7.5 MFD 440 VOLT
TT-CAP-50/5/370	50 & 5 MFD 370 VOLT
TT-CAP-50/5/440	50 & 5 MFD 440 VOLT
TT-CAP-50/7.5/440	50 & 7.5 MFD 440 VOLT

DUAL	
PRODUCT #	DESCRIPTION
TT-CAP-55/5/370	55 & 5 MFD 370 VOLT
TT-CAP-55/5/440	55 & 5 MFD 440 VOLT
TT-CAP-55/7.5/370	55 & 7.5 MFD 370 VOLT
TT-CAP-60/10/440	60 & 10 MFD 440 VOLT
TT-CAP-60/5/370	60 & 5 MFD 370 VOLT
TT-CAP-80/5/370	80 & 5 MFD 370 VOLT
TT-CAP-80/5/440	80 & 5 MFD 440 VOLT



DUAL ROUND	
PRODUCT #	DESCRIPTION
TT-CAP-15/5/440R	15 & 5 MFD 440 VOLT ROUND
TT-CAP-20/5/370R	20 & 5 MFD 370 VOLT ROUND
TT-CAP-20/5/440R	20 & 5 MFD 440 VOLT ROUND
TT-CAP-25/3/370R	25 & 3 MFD 370 VOLT ROUND
TT-CAP-25/5/370R	25 & 5 MFD 370 VOLT ROUND
TT-CAP-25/5/440R	25 & 5 MFD 440 VOLT ROUND
TT-CAP-25/7.5/370R	25 & 7.5 MFD 370 VOLT ROUND
TT-CAP-25/7.5/440R	25 & 7.5 MFD 440 VOLT ROUND
TT-CAP-30/3/370R	30 & 3 MFD 370 VOLT ROUND
TT-CAP-30/5/370R	30 & 5 MFD 370 VOLT ROUND
TT-CAP-30/5/440R	30 & 5 MFD 440 VOLT ROUND
TT-CAP-30/7.5/370R	30 & 7.5 MFD 370 VOLT ROUND
TT-CAP-35/3/370R	35 & 3 MFD 370 VOLT ROUND
TT-CAP-35/3/440R	35 & 3 MFD 440 VOLT ROUND
TT-CAP-35/5/370R	35 & 5 MFD 370 VOLT ROUND
TT-CAP-35/5/440R	35 & 5 MFD 440 VOLT ROUND
TT-CAP-35/7.5/370R	35 & 7.5 MFD 370 VOLT ROUND
TT-CAP-35/7.5/440R	35 & 7.5 MFD 440 VOLT ROUND
TT-CAP-40/3/370R	40 & 3 MFD 370 VOLT ROUND
TT-CAP-40/3/440R	40 & 3 MFD 440 VOLT ROUND
TT-CAP-40/5/370R	40 & 5 MFD 370 VOLT ROUND
TT-CAP-40/5/440R	40 & 5 MFD 440 VOLT ROUND
TT-CAP-40/7.5/370R	40 & 7.5 MFD 370 VOLT ROUND
TT-CAP-40/7.5/440R	40 & 7.5 MFD 440 VOLT ROUND
TT-CAP-45/5/370R	45 & 5 MFD 370 VOLT ROUND
TT-CAP-45/5/440R	45 & 5 MFD 440 VOLT ROUND
TT-CAP-45/7.5/370R	45 & 7.5 MFD 370 VOLT ROUND
TT-CAP-45/7.5/440R	45 & 7.5 MFD 440 VOLT ROUND
TT-CAP-45/10/370R	45 & 10 MFD 370 VOLT ROUND
TT-CAP-50/5/370R	50 & 5 MFD 370 VOLT ROUND
TT-CAP-50/5/440R	50 & 5 MFD 440 VOLT ROUND

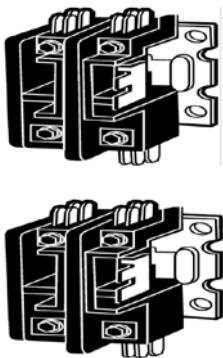
DUAL ROUND	
PRODUCT #	DESCRIPTION
TT-CAP-50/7.5/370R	50 & 7.5 MFD 370 VOLT ROUND
TT-CAP-55/4/440R	55 & 4 MFD 440 VOLT ROUND
TT-CAP-55/5/370R	55 & 5 MFD 370 VOLT ROUND
TT-CAP-55/5/440R	55 & 5 MFD 440 VOLT ROUND
TT-CAP-55/7.5/370R	55 & 7.5 MFD 370 VOLT ROUND
TT-CAP-55/7.5/440R	55 & 7.5 MFD 440 VOLT ROUND
TT-CAP-55/10/370R	55 & 10 MFD 370 VOLT ROUND
TT-CAP-60/5/370R	60 & 5 MFD 370 VOLT ROUND
TT-CAP-60/5/440R	60 & 5 MFD 440 VOLT ROUND
TT-CAP-60/7.5/370R	60 & 7.5 MFD 370 VOLT ROUND
TT-CAP-60/7.5/440R	60 & 7.5 MFD 440 VOLT ROUND
TT-CAP-60/10/440R	60 & 10 MFD 440 VOLT ROUND
TT-CAP-80/5/370R	80 & 5 MFD 370 VOLT ROUND
TT-CAP-80/5/440R	80 & 5 MFD 440 VOLT ROUND
TT-CAP-80/7.5/370R	80 & 7.5 MFD 370 VOLT ROUND
TT-CAP-80/10/370R	80 & 10 MFD 370 VOLT ROUND





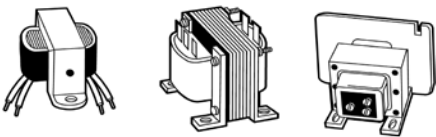
CONTACTORS

24 VAC	
PRODUCT #	DESCRIPTION
TT-CON-1/24/30	1POLE 24VAC 30AMP
TT-CON-1/24/40	1POLE 24VAC 40AMP
TT-CON-2/24/30	2POLE 24VAC 30AMP
TT-CON-2/24/40	2POL 24VAC 40AMP
TT-CON-3/24/30	3POLE 24VAC 30
TT-CON-3/24/40	3POLE 24VAC 40AMP



TRANSFORMERS

24 VAC	
PRODUCT #	DESCRIPTION
TT-TRANS-115/208/240-40	115/208/240 40VA



DISCONNECT & WHIPS

DISCONNECTS	
PRODUCT #	DESCRIPTION
TT-30AMP-F	30 AMP DISCONNECT FUSED
TT-60AMP-F	TOPTECH 60 AMP DISCONNECT FUSED
TT-60AMP-NF	TOPTECH 60 AMP DISCONNECT NON-FUSED

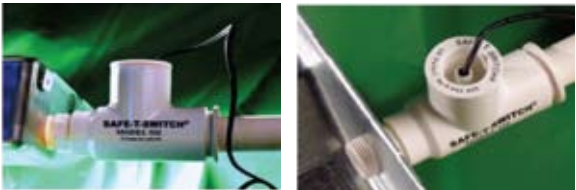


WHIPS	
PRODUCT #	DESCRIPTION
TT-WHIP-1/2X6NM	TOPTECH WHIP NON-METALLIC 1/2X6
TT-WHIP-3/4X6NM	TOPTECH WHIP NON-METALLIC 3/4X6



OTHERS

SAFETY	
PRODUCT #	DESCRIPTION
TT-SS1	3/4" SAFE T SWITCH
TT-SS2	AUX PAN SWITCH
TT-SS3	CLIPON DRAIN SWITCH



FAN RELAYS	
PRODUCT #	DESCRIPTION
TT-90290	SINGLE POLE NORMALLY OPEN
TT-90293	SINGLE POLE DOUBLE THROW
TT-90340	DP / DOUBLE THROW SEMI-ENCLOSED
TT-90370	SINGLE POLE DOUBLE THROW
TT-90380	1 N.O. / 1 N.C. 24V COIL



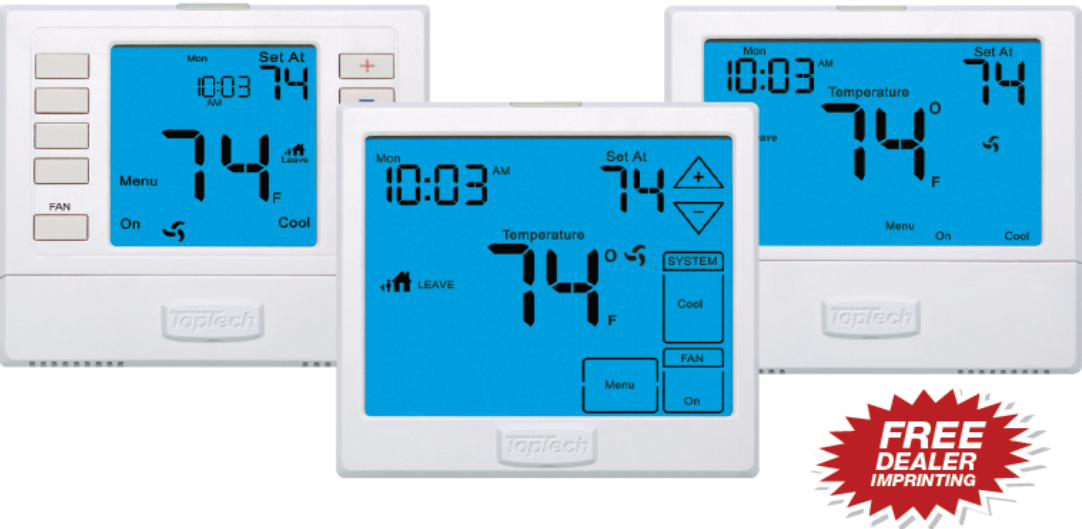
KICKSTARTS	
PRODUCT #	DESCRIPTION
TT-KS1	3.5 / 5HP 208/230 1PH
TT-KS8	1 - 3HP 208 / 230 1PH
TT-TO5	1 - 3HP 208 / 230 1PH



HARD KICKSTARTS	
PRODUCT #	DESCRIPTION
TT-5	1/3 - 2 HP
TT-6	1/2 - 3 HP



Exclusively for HVAC Professionals!

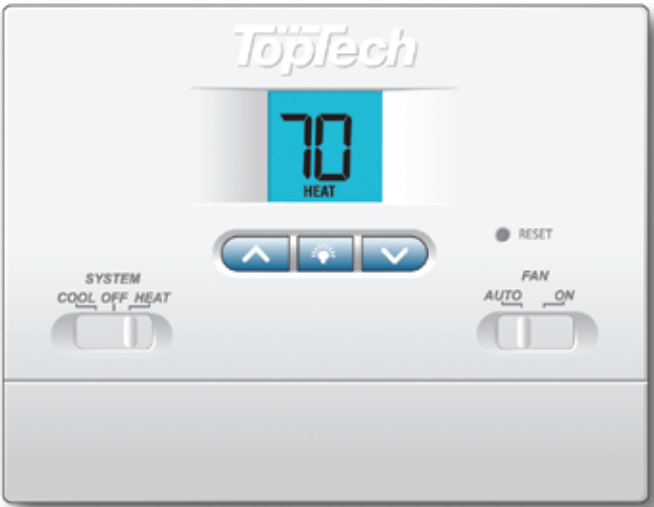


TopTech Model #	7D 7 Day Programmable			S/1/1 5/1/1 Programmable			NP Non-programmable			Stages of Heat	Stages of Cool	Gas, Electric or Oil	Heat Pump	Millivolt	Battery Power	24V Power (Hardwired)	Dual Fuel Compatible (Gas & Electric)	Display Size (Square Inch)	Auto Changeover	Filter Change Reminder	Room Temperature Calibration	Minimum Temperature Run Time	Compressor Cycle Delay	Compressor Short Cycle Delay	Adjustable Heating Temperature Swing	Adjustable Cooling Temperature Swing	Programmable Fan	Keypad Lockout	Adjustable Setpoint Limits	Averaging & Remote Sensor Capable	Humidity Control	Memory Type	Touchscreen (Permanent)	Warranty (Years)	Terminals Shielded cable not required	
	7D	S/1/1	NP	7D	S/1/1	NP	7D	S/1/1	NP																											
TOUCHSCREEN	Wireless																																			
	TT-S-955WH**	7D	S/1/1	NP	3*	2	.	.	.	.	.	.	.	.	H	13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	Rh, Rc, C, Y, Y2, W/E, W2, G, B, O, H, D	
	TT-S-955W**	7D	S/1/1	NP	3*	2	.	.	.	.	.	.	.	.	H	13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	Rh, Rc, C, Y, Y2, W/E, W2, G, B, O	
	Wired																																			
TOUCHSCREEN	TT-S-955	7D	S/1/1	NP	3*	2	.	.	.	.	.	.	.	.	S	13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	Rh, Rc, C, Y, Y2, W/E, W2, G, B, O
	TT-S-925	7D	S/1/1	NP	3	2	.	.	.	.	.	.	.	.	S	13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	R, C, Y, Y2, W2, E, G, B, O, L
	TT-S-915	7D	S/1/1	NP	2	2	.	.	.	.	.	.	.	.		13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	R, C, Y, Y2, W, W2, G, B, O
	TT-S-855	7D	S/1/1	NP	3*	2	.	.	.	.	.	.	.	.	S	8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	Rh, Rc, C, Y, Y2, W/E, W2, G, B, O
LARGER	TT-N-851			NP	3*	2	.	.	.	.	.	.	.	.	S	8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	Rh, Rc, C, Y, Y2, W/E, W2, G, B, O
	TT-N-801			NP	1	1	.	.	.	.	.	.	.	.		8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	Rh, Rc, C, Y, W, G, B, O
LARGE	TT-S-755			S/1/1	NP	3*	2	.	.	.	.	.	.	.	S	6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	Rh, Rc, C, Y, Y2, W/E, W2, G, B, O
	TT-N-751H			NP	3*	2	.	.	.	.	.	.	.	.	S	6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	Rh, Rc, C, Y, Y2, W/E, W2, G, B, O, H, D
	TT-N-751			NP	3*	2	.	.	.	.	.	.	.	.	S	6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	Rh, Rc, C, Y, Y2, W/E, W2, G, B, O
	TT-N-721			NP	2	1	.	.	.	.	.	.	.	.	S	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	R, C, Y, W2, E, G, B, O
	TT-P-705			S/1/1	1	1	.	.	.	.	.	.	.	.		4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	Rh, Rc, C, Y, W, G, B, O
	TT-N-701			NP	1	1	.	.	.	.	.	.	.	.		4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	Rh, Rc, C, Y, W, G, B, O

TT-N-411

Non-Programmable

Single Stage Heat / Cool



Features

- Dual Powered – Hardwired or Battery
- Large Display with Bright Blue Backlight
- Adjustable Temperature Set Point Limits
- Non-Volatile Memory Retains User Settings
- Easy Access Front Battery Door
- Separate O & B Terminals
- Compressor Short Cycle Protection
- Separate Heating and Cooling Set Point Temperatures
- ESD Guard™ Electronic Circuitry
- Front Access Reset Button
- F° / C° Switch
- Gas / Electric Fan Switch
- Mount to Horizontal Box
- Adjustable Temperature Differential

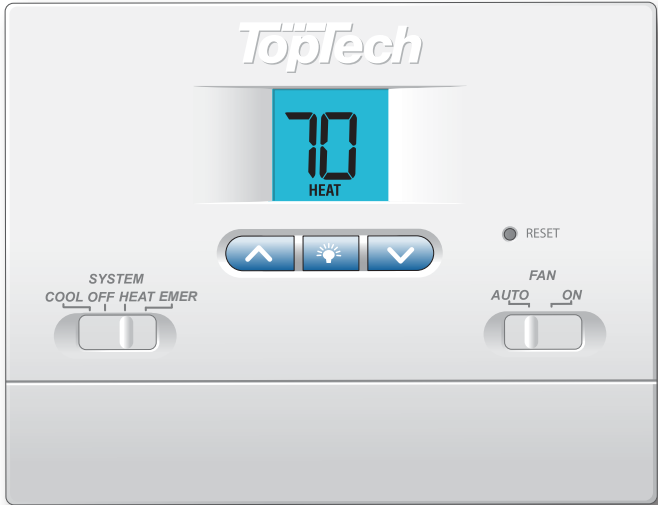
FREE Contractor Branding!
Contact your local distributor



TT-N-421

Non-Programmable

Multi-Stage 2 Heat / 1 Cool
Conventional or Heat Pump Thermostat



Features

- Dual Powered – Hardwired or Battery
- Large Display with Bright Blue Backlight
- Adjustable Temperature Set Point Limits
- Non-Volatile Memory Retains User Settings
- Easy Access Front Battery Door
- Separate O & B Terminals
- Compressor Short Cycle Protection
- Adjustable 1st and 2nd Stage Temperature Differential
- Auxiliary Heat Indicator
- ESD Guard™ Electronic Circuitry
- Front Access Reset Button
- F° / C° Switch
- Mount to Horizontal Box
- Separate Heating and Cooling Set Point Temperatures

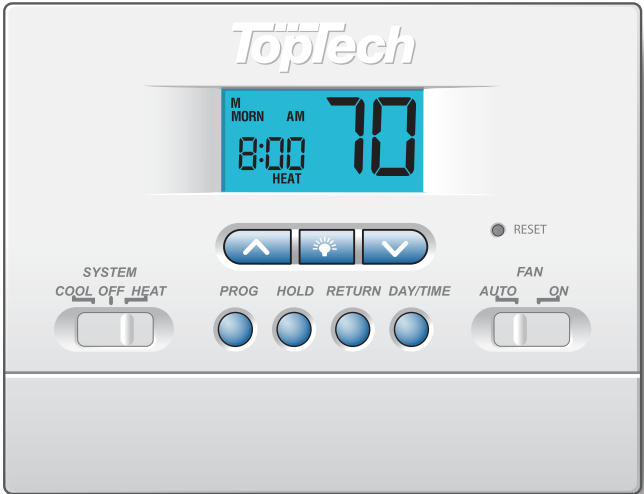
FREE Contractor Branding!
Contact your local distributor



TT-P-411

5-2 Day Programmable

Single Stage Heat / Cool



Features

- Dual Powered—Hardwired or Battery
- 5-2 Day Separate Weekday / Weekend Programming
- Large Display with Bright Blue Backlight
- Adjustable Temperature Set Point Limits
- Non-Volatile Memory Retains User Settings
- Filter Check Monitor
- Adaptive Recovery Mode (ARM™)
- Adjustable Temperature Differential
- ESD Guard™ Electronic Circuitry
- Compressor Short Cycle Protection
- Separate Heating and Cooling Set Point Program Times and Temperatures
- Temporary Program Override for 4 Hours or Until Next Set Point
- Programmable Extended Hold Mode
- Front Access Reset Button
- F° / C° Switch
- Gas / Electric Fan Switch
- Mount to Horizontal Box
- Easy Access Front Battery Door
- Separate O & B Terminals
- Meets California Title 24 Guidelines

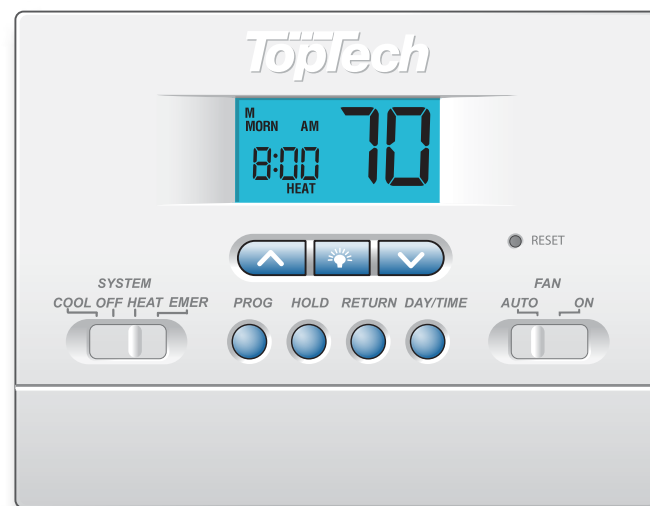
FREE Contractor Branding!
Contact your local distributor



TT-P-421

5-2 Day Programmable

Multi-Stage 2 Heat / 1 Cool
Conventional or Heat Pump Thermostat



Features

- Dual Powered – Hardwired or Battery
- 5-2 Day Separate Weekday / Weekend Programming
- Large Display with Bright Blue Backlight
- Adjustable Temperature Set Point Limits
- Non-Volatile Memory Retains User Settings
- Filter Check Monitor
- Adaptive Recovery Mode (ARM™)
- Adjustable 1st and 2nd Stage Temperature Differential
- ESD Guard™ Electronic Circuitry
- Compressor Short Cycle Protection
- Separate Heating and Cooling Set Point Program Times and Temperatures
- Temporary Program Override for 4 Hours or Until Next Set Point
- Programmable Extended Hold Mode
- Front Access Reset Button
- F° / C° Switch
- Auxiliary Heat Status Indicator
- Mount to Horizontal Box
- Easy Access Front Battery Door
- Separate O & B Terminals
- Meets California Title 24 Guidelines

FREE Contractor Branding!
Contact your local distributor

Honeywell Thermostats

Including the latest RedLINK™
Wireless-Enabled Products



Honeywell



- Dramatically cut installation time with Honeywell wireless technology
- Quickly and easily relocate a thermostat without running wires
- Upgrade to Multi-Stage Equipment or add Cooling without running wires
- Display Outdoor Temperature and Humidity with a Wireless Outdoor Sensor
- Offer Temperature Control On-Demand with Personal Comfort Control

Belimo Electronic Valve Product Range



Replacement Solutions
for all Valve and Actuator Manufacturers.

PICCV

Energy Efficient Valves for Today's Green Technology.
For New or Retrofit Projects.

Get the details:
www.piccv.com

Unparalleled innovation, engineering excellence, and the world's best build quality make Belimo the only choice.

PICCV – Belimo's Pressure Independent Characterized Control Valve is a two way valve that supplies a specific flow regardless of system pressure variations.

- Combines a flow limiting and control valve into one product
- Reduces initial installation and balancing costs
- Self-balancing, no underflow or overflow, ensuring fast start-up
- Maintains ΔT for higher efficiency

Unlike common "flow-limiting" valves, the PICCV offers much more efficient valve operation and fast, uncomplicated commissioning.

BELIMO



ONE GALLON	
PRODUCT #	DESCRIPTION
TT-8-G	TOP-KLEEN GREEN NO RISE
TT-8-P	TOP-PRO BLUE NON ACID; SUPER FOAMING
TT-8-R+	TOP-PRO RED NON-ACID; CLEANER
TT-SCM-720-01	TOP-SUPER BRITE BROWN; FOAMING CLEANER



TopTech Coil Cleaner

comfort | excellence

TopTech Product Name	TT-720-01 Top-Brite	TT-8-G Top-Kleen	TT-8-P Blue Power	TT-8-Y Top-Foam	TT-8-R+ Red Foaming
Nu-Calgon	4819-08	4168-08	4291-08		
Product Name	Alka-Brite	Evap Pow'r	Nu-Brite		
Virginia KMP	FM-1	AK-1	AKF-1		
Product Name	Foam-Max	Acti-Kleen	Alki-Foam		
Ace	FNC-1	CCL-1	ACC-1	HDC-1	
Product Name	Foam N Clean (FMC)	Evap Kleen	Alkaline Coil Cleaner	Ace Klean HD	
Vapco	FM-1	HP-1	PL-1		
Product Name	Foaminator	HP Cleaner	Plus		
Rectorseal	82310	82555	89555		
Product Name	Aluminate	Conc. Evap. Coil Cl	Alkaline E S Cond Coil		
Stewart Hall	82636	82612	82644		
Product Name	Foam-A-Coil	Coil-Rite	Renewz		
Hydrobalance			Black Max Conc.		
Totaline		P902-1001	P902-0101		P902-0101A
Product Name		Coil Cleaner Concentrate	Condenser Cleaner Non-Acid Concentrate		Total Bright



- Air cleaner attaches to any forced air heating or cooling system
- Incredible standard MERV 11 filtration rate
- Maintain high efficiency levels of your HVAC Equipment
- Help protect your family and home from airborne particulates, allergens, dust, and dander
- Cleans the air in your entire home every time your heating or cooling system is on
- Easy filter cartridge replacement lasts up to 12 months*

To complete and optimize your indoor air quality, consider adding the **TopTech** Whole House UV Air Treatment System.



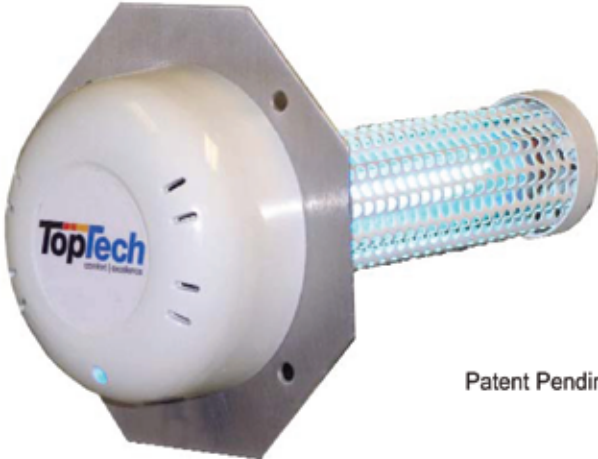
* Filter life varies based on equipment runtime and lifestyle conditions.

TopTech

comfort | excellence

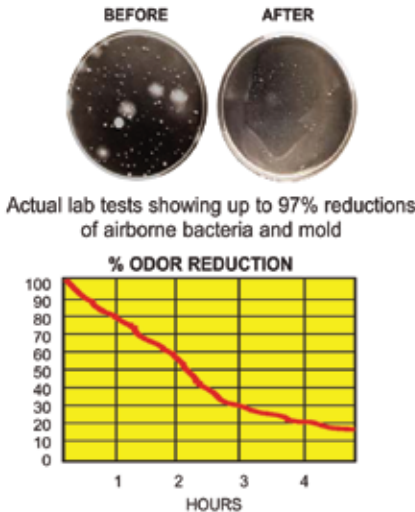
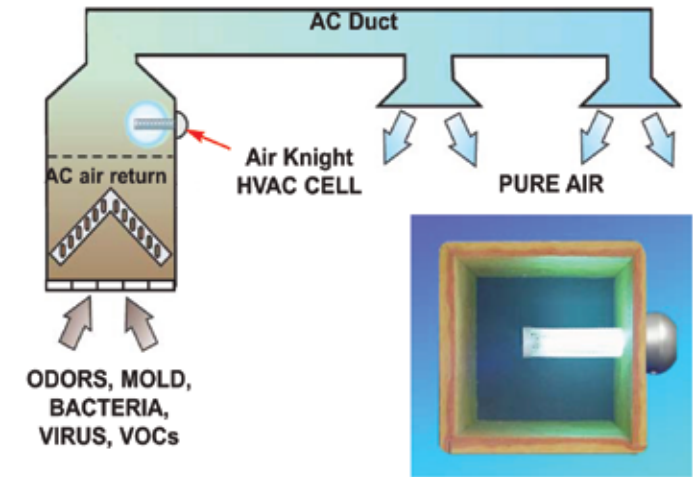
Air Knight

A Photohydroionization™ (PHI) Technology



Patent Pending

The *Air Knight* is designed to eliminate sick building syndrome risks by reducing odors, air pollutants, VOCs (chemical odors), smoke, mold bacteria and viruses*. The *Air Knight* Cells are easily mounted into air conditioning and heating systems air ducts where most sick building problems start. When the HVAC system is in operation the *Air Knight* Cell creates an Advanced Oxidation Process consisting of: Hydro-peroxides, super oxide ions and hydroxide ions. All are friendly oxidizers. By friendly oxidizers we mean oxidizers that revert back to oxygen and hydrogen after the oxidation of the pollutant.



The combination of UV light enhanced by a hydrated quad-metallic compound target develops an advanced oxidationplasma. This process also produces hydro-peroxides, super oxide ions and hydroxides. By engineering the proper UV light wavelength, in combination with a triple function, no maintenance unit, The PHI Cell provides safe hydro-peroxides, super oxide ions and hydroxides to purify the air. With the Air Knight-PHI Cell Advanced Oxidation System, micro-organisms can be reduced up to 99.99%. Gases, VOCs and odors can also be reduced significantly, and the room will have hydro-peroxides, super oxide ion and hydroxides which will help give your room fresh, clean and odor free air.

Item #	HVAC Air Blower Size	Dimensions	Ship Wt.	Replacement Cell
TT-AK249	1,000 to 6,500 CFM	9" probe / 5.5 Dia." plate	3 lbs.	PHIC9-TT



TopTech

comfort | excellence

MECHANICAL AIR CLEANER	
PRODUCT #	DESCRIPTION
TT-MAC-1625	16X25 FURNACE MERV 11
TT-MAC-1722	17X22 AIR HANDLER MERV 11
TT-MAC-2020	20X20 FURNACE MERV 11
TT-MAC-2025	20X25 FURNACE MERV 11
TT-MAC-2122	21X22 AIR HANDLER MERV 11
TT-MAC-2522	25X22 AIR HANDLER MERV 11



UV LIGHTS	
PRODUCT #	DESCRIPTION
TT-UV24-14	24 VOLT UV LIGHT - WITH FILTER SHIELD



DUCT AIR PURIFIER	
PRODUCT #	DESCRIPTION
TT-AK249	24V 9" LENGTH



Air Knight

24 Volt Operation

TopTech

TopTech

comfort | excellence

TROPHY SERIES

Proudly Made In The USA

Dramatically Reduces

■ Odors

■ Mold

■ Bacteria

■ Viruses

■ Smoke

■ VOCs

In Duct HVAC Air Purification System

by RGF

WHOLE HOUSE
AIR TREATMENT

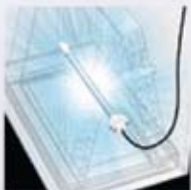


Why UV Treatment

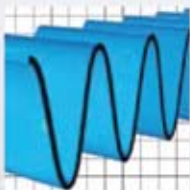
- Fragile immune systems (Children/Seniors)
- Allergies
- Respiratory complications
- High humidity regions
- Energy efficiency of HVAC equipment
- Fights mold and bacteria growth
- Affordable
- Designed for any residential system



Effective. UV-C light neutralizes the microbe by penetrating its cell walls and severing the bonds of its DNA.



Works 24/7. Operates continually all year round disinfecting cooling coils, drain pans, and air duct surfaces.



Science. Optimized to produce light at a wavelength of 254 nanometers. Proven to be most effective for microbial control.



Antibacterial. Independently laboratory tested and proven to reduce airborne and surface bacteria.



Low Maintenance. The only maintenance required is the annual replacement of the bulb.

TopTech recommends adding high efficiency filtration to your system to optimize and enhance your indoor air quality. Consider our TechPure air cleaners.



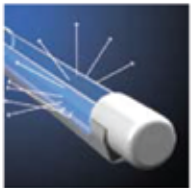
Ask about MERV 11 TechPure air cleaners.



- 2-wire 24V electronic power supply
- Extended range ballast (19V - 34V)
- 3000V surge protection
- 14" lamp length
- Protective filter shield included
- Water-resistant connections
- Extra long lamp cord (6 ft)
- Patented flange for delta plate installations
- Suitable for up to 5 ton (2000CFM) systems
- Average bulb life 9000 hours (Peak performance)



FILTER SHIELD INCLUDED



Filter shield deflects UV light away from UV-sensitive filter material and focuses UV light where its needed most.

HD ELECTRICAL RANGE



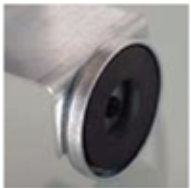
Energy efficient, low voltage, electronic ballast operates on only 24 volts and is moisture sealed for HVAC applications.

MOISTURE RESISTANCE



Protective, clear lamp boot makes lamp replacement easy while providing protection against moisture.

SCREWLESS INSTALL

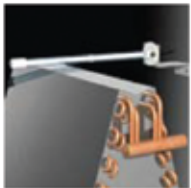


Custom magnetic bracket uses a powerful magnet to securely hold the bracket to the surface. No drilling required.

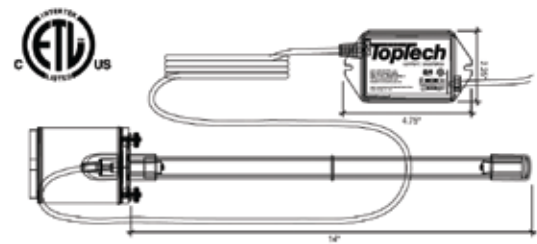
VARIETY OF INSTALLATION METHODS



Custom lamp flange allows lamp to be installed directly in A-coil delta plate for optimal UV exposure.



Custom bracket using magnet or screws, allows unlimited placement of lamp near cooling coil or surface.



Specifications:
Dimensions: 24V: 4.75"L x 2.25"W x 2"H.
Bracket: 3.5"L x 2.25"W x 3.5"H.
Power: 24V, 50/60Hz.
Amps: 14" Lamp - 1.1A.
Weight: Less than 2 lbs.
Lamp Life: 9000 hours continuous operation.
Warranty: 5-yr limited. 1-year bulb.
Specifications subject to change without notice.

U.S. Patent Nos. 5,334,347, 5,817,276, 6,245,293, 6,267,924, 6,280,686, 6,313,470, 6,627,000, 6,539,727, 6,932,494, 6,550,257.

©2010 Carrier Enterprise • www.carrierenterprise.com TT-UV24 V1 2/10 2/04/10 11:21am



Ask about MERV 11 TechPure air cleaners.



REFRIGERANT RECOVERY UNIT

PRODUCT #	DESCRIPTION
TT-MM1	MIN-MAX RECOVERY UNIT
• Compact Size Maximum Performance • Proprietary “Oil-less” Compressor • Capable Of Handling Liquid Or Vapor • Recovers All Commonly Used CFC, HFC, HCFC Refrigerants Including R410A • Ergonomic • Field Serviceable Compressor • Self Purge Feature • Includes Filter Drier • 550 PSI Safety Cut Off Switch • 28 Lbs • 11” H X 9” W X 16” D	



REFRIGERANT SCALE

PRODUCT #	DESCRIPTION
TT-SCALE	REFRIG CHARGING SCALE

- Package Includes:
- Slip resistant weighing platform
 - Hand Control
 - (1) 9V battery
 - Heavy duty carrying case
 - Weighing Capacity: 220 lbs. (100 Kg.)
 - Accuracy: +/- 0.5%
 - Resolution: .25oz. / .01 Kg
- Display:
- High Resolution LCD screen with backlight
 - Weight 4 lbs. in case



VACUUM PUMPS

PRODUCT #	DESCRIPTION
TT-V5	5.5CFM VACUUM PUMP

- 2-stage Dual Voltage (110-220v / 50-60 Hz)
- 2 CFM Unit 1/4 Hp Vacuum Pump
 - 5 CFM Unit 1/2 Hp Vacuum Pump
 - 9 CFM Unit 1 Hp Vacuum Pump



CONDENSATE PUMPS

PRODUCT #	DESCRIPTION
TT-CP-20T	WITH TUBE, 20’ LIFT 115 VOLT

- CONDENSATE PUMPS
- 20 ft. Lift Condensate Pump with Tubing
 - 115 volt or 230
 - 4 Water Ports
 - Alarm contacts



WELDING TORCH KIT

PRODUCT #	DESCRIPTION
TT-100	WELDING TORCH KIT

- WELDING TORCH KIT
- TopTech Welding Kit TT-100



SOLID CORE REFRIGERANT DRIERS

- Suction Line and Liquid Line Driers
- R410a compatible printed on box and drier
- Hard Drawn Copper Ends
- Solid Core
- XH-11 Desiccant

LIQUID LINE BI-FLOW

PRODUCT # DESCRIPTION

TT-LLDBF083S 3/8S 8CI

TT-LLDBF163S 3/8S 16CI

LIQUID LINE

PRODUCT # DESCRIPTION

TT-LLD083S 3/8S 8CI

TT-LLD163S 3/8S 16CI

SUCTION LINE

PRODUCT # DESCRIPTION

TT-SLD165S 5/8S 16CI

TT-SLD166S 3/4S 16CI

TT-SLD167S 7/8S 16CI

TT-SLD305S 5/8S 30CI

TT-SLD306S 3/4S 30CI

TT-SLD307S 7/8S 30CI

TT-SLD309S 1 1/8 30CI

LEAK DETECTOR

PRODUCT # DESCRIPTION

TT-LD REFRIG LEAK DETECTOR

TT-LD400 REFRIGERANT GAS LEAK DETECTOR



MANIFOLD GAUGE SET

PRODUCT # DESCRIPTION

TT-2VM5H 2VLV MNFLD W/5 FT HOSES

MANIFOLD GAUGE SET

- Metal Handles
- Brass Manifold
- R-22, R-410a, R-404
- 5 Ft. Hoses High Pressure Hoses
- Rubber Gauge Covers



SIGHT GLASS

PRODUCT # DESCRIPTION

TT-SG38 3/8" SIGHT GLASS

SIGHT GLASS

Moisture Indicator

- Use With R-410A, R-22, R-502, R-12 Systems
- Solid Copper Fittings
- Brass Body



TUBE CUTTERS

PRODUCT # DESCRIPTION

TT-70000 7/8 OD MINI TUBE CUTTER

TT-70001 1-1/4" O.D TUBE CUTTER

TT-70022 REVERS. RATCHET WRENCH

TT-70024 1-1/8" OD MINI TUBE CUTT

TT-70078 PVC RATCHET CUTTER 1-5/

TT-70090 1-5/8" O.D TUBE CUTTER





RATCHET WRENCH

PRODUCT #	DESCRIPTION
TT-70022	REVERS. RATCHET WRENCH



RATCHET CUTTER

PRODUCT #	DESCRIPTION
TT-70078	PVC RATCHET CUTTER 1-5/



BLADES

PRODUCT #	DESCRIPTION
TT-156	RECIP BLD 12"X6TP
TT-614	RECIP BLD 6"X14T
TT-618	RECIP BLD 6"X18TPI
TT-624	RECIP BLD 6"X24T
TT-636	RECP BLD 6"X6TPI
TT-656	RECIP BLD 6"X6TPI

SCREWDRIVER

PRODUCT #	DESCRIPTION
TT-SHOLD	SCREWDRIVER W/SCHR



MAGNETIC DRILL CHUCKS

PRODUCT #	DESCRIPTION
TT-MSH1/4MC	1/4" MAGNETIC DR
TT-MSH5/16MC	5/16 MGNTC DRILL



"Hurricane Rated"
Condensing Unit
Tie Down Clips



TT-BMTD0611
4" Tie Down Clip



TT-BMTD0606
6" Tie Down Clip



TT-BMTD0608
8" Tie Down Clip



TT-BMTD062
6" Fat Cat
Tie Down Clip

Each Package of TopTech Condensing Unit Tie Down Clips include a photocopy of the certified signed and stamped engineered drawings to submit with permits. TopTech Condensing Unit Tie Down Clips are designed to be in compliance with Florida Building Code 2007 edition with 2009 amendments and ASCE 7-05 chapter 6. The TopTech Condensing Unit Tie Down Clips are made from 14 gauge double hot dipped galvanized steel with a thickness of .0785" minimum. Clip #TT-BMTD062 is 12 gauge double hot dipped galvanized steel with a thickness of .115 minimum.



DUAL HEX WRENCH ADAPTER KEY

PRODUCT #	DESCRIPTION
TT-DHW316	DUAL HEX WRENCH ADAPTOR



FLAT WASHERS

PRODUCT #	DESCRIPTION
TT-3/8FLW	3/8" X 1" WASHER



HEX HUTS

PRODUCT #	DESCRIPTION
TT-3/8HN	3/8" HEX NUT (EA)



TREADED COUPLINGS

PRODUCT #	DESCRIPTION
TT-3/8TC	3/8" ROD CPLG



TOWELS

PRODUCT #	DESCRIPTION
TT-TOWEL-ROLL	TOWELS 20PC ROLL
TT-TOWEL-SHOPCLR	SHOP TOWELS COLOR ASORTMENT
TT-TOWEL-SHOPWHT	SHOP TOWELS ALL WHITE
TT-TOWEL-SURG	SURGICAL TOWEL 5 LB 40PC BOX



PLASTIC ANCHORS KITS

PRODUCT #	DESCRIPTION
TT-AK1/4HW100	ANCHOR SCREW KIT
TT-AK3/16HW100	ANCHOR KIT
TT-AK5/16HW50	ANCHOR SCREW KIT



WIRE NUTS (100 per Pkg.)

PRODUCT #	DESCRIPTION
TT-WNB	BLUE WIRE NUTS
TT-WNO	ORANGE WIRE NUTS
TT-WNR	RED WIRE NUTS
TT-WNY	YELLOW WIRE NUTS
TT-WWNB	WING BLUE WIRE NUTS



DUCT STRAP

PRODUCT #	DESCRIPTION
TT-36NSTRAP	36 IN DUCT STRAP NATURAL – 50/Pkg
TT-48NSTRAP	48 IN DUCT STRAP NATURAL – 50/Pkg



WEBBING

PRODUCT #	DESCRIPTION
TT-WEBBINGSTRAP	BLACK 2" WEBBING STRAP
TT-WEBBINGSTRAP/UL	WEBBING STRAP UL PRINTED





HOSE CLAMPS

PRODUCT #	DESCRIPTION
TT-HOSECLAMPS	HOSE CLAMP ASSORT TMENT 30PC



BRUSHES

PRODUCT #	DESCRIPTION
TT-B2	2" CHIP BRUSH
TT-B21/2	2 1/2" CHIP BRUSH
TT-B3	3" CHIP BRUSH



CABLE TIES

PRODUCT #	DESCRIPTION
TT-CABLETIE11B	CABLETIE 11 IN 100PC BLK
TT-CABLETIE11N	CABLETIE 11 IN 100PC NAT
TT-CABLETIE14B	CABLETIE 14 IN 100PC BLK
TT-CABLETIE14N	CABLETIE 14 IN 100PC NAT
TT-CABLETIE24B	CABLETIE 24 IN 500PC BLK
TT-CABLETIE24N	CABLETIE 24 IN 50PC NAT
TT-CABLETIE7B	CABLETIE 7 IN 100PC BLK
TT-CABLETIE7N	CABLETIE 7 IN 100PC NAT
TT-CABLETIEMOUNT11B	CABLETIE MOUNT 1.1 IN 25PC BLK
TT-CABLETIEMOUNT11N	CABLETIE MOUNT 1.1 IN 25PC NAT
TT-CABLETIETOOLHD	CABLETIE TOOL/ HEAVY DUTY 175LB
TT-CABLETIE TUBE/TOOL	CABLETIE TUBE ASST CLR W/TOOL
TT-CABLETIE TUBE600B	CABLETIE TUBE 600PC BLACK
TT-CABLETIE TUBE600N	CABLETIE TUBE 600PC NATURAL
TT-CABLETIE TUBE650B	CABLETIE TUBE 650PC BLACK
TT-CABLETIE TUBE650N	CABLETIE TUBE 650PC NATURAL

Monitor Digital Trifasico de Linea de Voltaje

El DTP-3 es un monitor de voltaje y sistema de control automático digital.

Por estar midiendo continuamente la entrada de la línea de voltaje, este monitor detectará voltajes fuera de la tolerancia que se fijó.

Si este limite es excedido arrancará el Regulador de respuesta. Este regulador podrá ser fijado a una mayor escala de tiempo para evitar el ruido molesto del corte y arranque, o a una escala menor de tiempo para ofrecer un mayor nivel de protección de carga.

Si el voltaje permanece fuera de la tolerancia seleccionada después que el tiempo ha transcurrido, el DTP-3 apagará su relevador de rendimiento y protegerá su aparato. Mientras la carga esta apagada un regulador de cierre adicional es activado para evitar arranques inmediatos.

- Lectura de línea y de la carga de voltaje instantáneamente
- Tres simples botones de acceso para fácil monitoreo e instalación
- Registro de problemas en falla de memoria para posterior exhibición
- Seis voltímetros digitales integrados
- Regulador de arranque secuencial integrado
- Regulador de cierre integrado
- Regulador de respuesta integrado



100%
MADE IN THE USA





**Bristol
Compressors
International Inc.**

*Bristol is the Only Compressor
Company Whose Products are
100% Built in the USA.*



BENCHMARK™
COMPRESSION SOLUTIONS

The Most Efficient Refrigeration
Product in its Class.

www.bristolcompressors.com

COMPRESSOR MODEL NUMBER SYSTEM

H

2

9

B

1

9

U

A

B

C

A

Mounting Feet Dim

Electrical Characteristics

Motor Protector

Motor Type

Capacity

Family

Generation

Type of Refrigerant

Refrigeration Application

A= 7.5 x 7.5 B= 4.8 x 8.0 C= 8.4 x 9.8 D= 6.12 x 8.0 E= 9.5 x 9.5 F=10.5 x 10.5 H= 7.5 x 21.5 J= 7.5 x 22.5 X= 8.8 x 6.1

A= 115-1-60 B= 230-1-60 C= 230/208-1-60 D= 230/208-3-60 (220/200-3-50) E= 460-3-60 (380/415-3-50) F= 575-3-60 (500-3-50) G= 200-1-60

B= Internal Line Break P= Pilot Duty - Solid State

A= PSC Permanent Slip Capacitor B= CSR Capacitor Start/Cap. Run C= RSCR Resistance Start/Cap. Run D= AI 3 Phase-Across the Line

193= 19 +(3) 0's or 19,000 BTU/Hr ; 244= 24 + (4) 0's or 240,000 BTU/Hr 19Q= 19 +(3) 0's in "Quite Version" = 19,000 BTU/Hr. "Quiet" 19U= 19 +(3) 0's in "Upgrade" = 19,000 BTU/Hr. "Upgrade"

A= Model A Reciprocating B= Model B Reciprocating C= Scroll (<42K)

B= Second Generation- No PRV (Except G Series) D= Dual Compressor Application (Single & Interconnected) E= High Efficiency M= Alternate Pressure Relief Valve N= No Pressure Relief Valve (Except G Series) O= Basic Standard Model P= Basic Standard Model - Upgrade Plus 1= Second Generation - Basic Standard Model

1= R12 2= R22 3= R134a

H= High Temperature M= Medium Temperature L= Low Temperature

H= 265-1-60 (220/240-1-50) J= 230/208-1-50 K=220/240-1-50 L=230/200-3-60 (220/200-3-50) M= 220/200-3-50 N= 380/415-3-50 P= 240/200-1-50

R= Pilot Duty - Solid State (2nd Generation) T= Pilot Duty - Internal Thermostat and External Sensing Elements

E= CSIR Cap. Start/Induction Run F= PWS 3 Phase-Part Winding Start G= 3 Phase 2/4 Pole (2 Speed) J= 1 Phase 2/4 Pole (2 Speed)

D= Dual Compressor Application G= Model G Reciprocating J= Benchmark Mode Reciprocating

2= Third Generation - Basic Standard Model 3= Fourth Generation - Basic Standard Model 4= Basic Standard Model - Improved Sound 5= Inertia Series - Standard Model 6= Inertia Series - High Efficiency Model 7= Inertia Series= Second Generation High Efficiency Model 8= Fifth Generation- Basic Standard Model Upgrade 9= Sixth Generation- Basic Standard Model Upgrade

5= R502 or Alt. Replacement Refrigerant SUVA-HP-81 (Refrigerant R402B) 6= R404a (SUVA HP62) 7= R407C (SUVA AC9000 or KLEA 66)

S= High Temperature (One Capacity / 1, 2, 3, or 4 cylinder) Half/Single T = High Temperature (Two Capacities / 2 or 4 cylinder) - Twin/Single

T= 208-1-60 U= 220/380-3-60 V= 460/380-3-60 (380/415-3-50) W= 380/460-3-60 X= 380-3-60 Y= 230/208-3-60 (No 50 Hz)

K= 3 Phase Dual Voltage L= 3 Phase - WYE DELTA

R= Scroll (>42K) S= Single Cylinder Series T= Two Cylinder Series

19B = 19 + (3) 0's Internal Bleed applied for equalized start



東元迴轉式冷媒壓縮機
ROTARY COMPRESSOR



100 East Patterson
Tecumseh, MI 49286
www.tcc-nacg.com

MODEL NUMBERS
Nomenclature Explained

EXAMPLE:

AE	A	4	4	40	Y	XA	XC																																										
COMPRESSOR FAMILY	RELEASE VARIANT (GENERATION)	APPLICATION	NUMBER OF DIGITS IN RATED BTU CAPACITY	FIRST TWO DIGITS IN RATED BTU CAPACITY	REFRIGERANT	VOLTAGE	CONDENSING UNITS																																										
AE AG AH AJ AK AV AW AZ HG RG RK TP TH	A = 1st B = 2nd C = 3rd ETC.		In this example (4) total digits, with the first two (40), or 4,000 BTU capacity		PRIMARY REFRIGERANTS A = R12 B = R410A C = R407C E = R22 F = R417a J = R502 Y = R134a Z = R404A/ □ R507	VOLTAGE CODES XA = 115-60-1; 100-50-1 XB = 230-60-1; 200-50-1 XC = 220-240-50-1 XD = 208-230-60-1; 200-50-1 XF = 208-230-60-3; 200-240-50-3 XG = 460-60-3; 380-420-50-3 XH = 575-60-3; 480-520-50-3 XN = 208-230-60-1; 200-220-50-1 XP = 220-60-1; 200-50-1 XT = 200-230-60-3; 200-220-50-3 XU = 100-60-1; 100-50-1 XV = 265-60-1 AB = 115-60-1; 90-50-1 VA = 265-60-1; 240-220-50-1 Note: For explanation of voltages not listed, contact Tecumseh Compressor Company.	See Unit Information on Page 2.																																										
<table><tr><th colspan="3">PRIMARY APPLICATION PARAMETERS</th></tr><tr><th>EVAP. TEMPERATURE</th><th>RATING PT.</th><th>MOTOR STARTING TORQUE</th></tr><tr><td>1. Low</td><td>-10 F</td><td>Normal</td></tr><tr><td>2. Low</td><td>-10 F</td><td>High</td></tr><tr><td>3. High</td><td>+45 F</td><td>Normal</td></tr><tr><td>4. High</td><td>+45 F</td><td>High</td></tr><tr><td>5. Air Cond.*</td><td>+45 F</td><td>Normal</td></tr><tr><td>6. Medium</td><td>+20 F</td><td>Normal</td></tr><tr><td>7. Medium</td><td>+20 F</td><td>High</td></tr><tr><td>8. Air Cond.</td><td>+49 F</td><td>Normal</td></tr><tr><td>9. Commercial</td><td>+20 F</td><td>High</td></tr><tr><td>0. Commercial</td><td>+20 F</td><td>Normal</td></tr><tr><td>A. Medium/Low</td><td>+20 F</td><td>Normal</td></tr><tr><td colspan="3">* Application "5" compressors, when applied to units, become application "4" in the units model number.</td></tr></table>								PRIMARY APPLICATION PARAMETERS			EVAP. TEMPERATURE	RATING PT.	MOTOR STARTING TORQUE	1. Low	-10 F	Normal	2. Low	-10 F	High	3. High	+45 F	Normal	4. High	+45 F	High	5. Air Cond.*	+45 F	Normal	6. Medium	+20 F	Normal	7. Medium	+20 F	High	8. Air Cond.	+49 F	Normal	9. Commercial	+20 F	High	0. Commercial	+20 F	Normal	A. Medium/Low	+20 F	Normal	* Application "5" compressors, when applied to units, become application "4" in the units model number.		
PRIMARY APPLICATION PARAMETERS																																																	
EVAP. TEMPERATURE	RATING PT.	MOTOR STARTING TORQUE																																															
1. Low	-10 F	Normal																																															
2. Low	-10 F	High																																															
3. High	+45 F	Normal																																															
4. High	+45 F	High																																															
5. Air Cond.*	+45 F	Normal																																															
6. Medium	+20 F	Normal																																															
7. Medium	+20 F	High																																															
8. Air Cond.	+49 F	Normal																																															
9. Commercial	+20 F	High																																															
0. Commercial	+20 F	Normal																																															
A. Medium/Low	+20 F	Normal																																															
* Application "5" compressors, when applied to units, become application "4" in the units model number.																																																	

Emerson Climate Technologies ofrece una línea completa de productos innovadores de alta calidad y confiabilidad.



INNOVACIÓN | EFICIENCIA | CONFIABILIDAD



EmersonClimate.com/espanol



EMERSON. CONSIDER IT SOLVED.

Copeland Scroll™ Nomenclature

1 Family Series
Z = Scroll

2 Application Range

Code	Refrig.	Description
B	R-22	MT/HT
C	Helium	LT/MT
F	R-404A/134a	LT/MT
P	R-410A/B	HT-HP
R	R-22/407C	HT
S	R-404A/134a	MT

3 Modulation (Optional)

Code	Description
T	Even Tandem
U	Uneven Tandem
S	Two Step
V	Variable Speed

4 5 6 Capacity
Nominal Capacity at Rating Condition two or three digits

7 Capacity Multiplier

K	1,000
M	10,000

8 Model Variation
1
2
3
4
A
C
D

9 (Optional)

E	POE Oil
G	PAG Oil
H	HSPOE Oil

10 Motor Types

Phase	Code
1	P
3	T

11 Motor Protection

F	Internal Inherent Protection
W	External Electronic Protection

12 Electrical Codes

60 Hz	50 Hz	Code
208/230-3	200-3	C
460-3	380/420-3	D
575-3	500-3	E
265-1	220/240-1	J
-	380/420-3	M
265-1	-	Q
208/230-1	-	V
-	200/220-3	W
200/230-3	200/220-3	5
380-3	-	7

13 14 15 Bill of Material Product Variations

X X X X X X X X X - X X X - X X X



New Danfoss Scroll or Reciprocating compressors

Always the right choice



Advantages new MLZ Scroll compressors:

- + Lighter and smaller footprint compared to other alternatives
- + Unique disc check valve ensuring quiet, vibration-free operation
- + Including sight glass
- + Combination of energy-efficient motor and a scroll wrap optimized for refrigeration applications

REFRIGERATION &
AIR CONDITIONING DIVISION



Nomenclature

Danfoss Scroll compressor model numbers have significance as indicated below:

	Type	Size	Motor	Features
	HRH	036	U1L	P6
Application				
H: high temperature air conditioning				
E: with economizer				
Family				
D: residential scroll				
C: light commercial scroll				
R: residential scroll (new platform)				
L: light commercial scroll (new platform)				
Refrigerant and lubricant				
M: R-22, mineral or alkylbenzene oil				
P: R-407C, POE lubricant				
H: R-410A, POE lubricant				
J: R-410A, PVE lubricant				
Nominal capacity				
In thousands of Btu/h @ 60Hz, ARI conditions				
Model variation				
T: design optimized for 7.2/54.4 (45/130)				
U: design optimized for 7.2/37.8 (45/100)				
Other features				
	Oil sight glass	Oil equalization	Oil drain	LP gauge port
2	None	None	None	Schrader
5	Thread	Rotolock	NPT	Schrader
6	None	None	None	None
7	Thread	None	None	None
8	None	Brazed	None	None
Tubing and electrical connections				
P: brazed connections, spade terminals				
C: brazed connections, screw terminals				
R: rotolock connections, screw terminals				
Motor protection				
L: internal motor protection				
Motor voltage code				
1: 208-230 V 1~ 60 Hz				
2: 208-230 V 3~ 60 Hz				
4: 380-400 V 3~ 50 Hz and 460 V 3~ 60 Hz				
5: 220-240 V 1~ 50 Hz and 265 V 1~ 60 Hz				
7: 500 V 3~ 50 Hz and 575 V 3~ 60 Hz				
9: 380 V 3~ 60 Hz				

Voltage

Voltage Codes	Copeland	Danfoss
208-230V/1~/60Hz	PFV	1
208-230V/3~/60Hz	TFC or TF5	2
380V/3~/60Hz & 460V/3~/60Hz	TFD	4

Note on SEER ratings:
The Scroll Tech compressors have motors optimized for the different SEER ratings.
Use motor variation «U» for 13 SEER applications and «T» for 10 SEER



Danfoss Inc., Refrigeration & Air Conditioning Division, 7941 Corporate Drive, Baltimore, MD 21236 Tel. 1-888-Danfoss, Fax 410-931-8256, www.danfoss.com/North_America

Danfoss can accept no responsibility for possible errors in catalogues, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequent changes being necessary in specifications already agreed.

USCO.P8.012.A1.22

Produced by Danfoss USCO.02-2007

MAKING MODERN LIVING POSSIBLE

Danfoss

Selección rápida
 Controles de refrigeración,
 Compresores y Unidades Condensadoras

REFRIGERATION &
 AIR CONDITIONING DIVISION

No se
 arriesgue
 a usar
 otra marca.

AK-225
 ULTRA
 HI-DENSITY
 EPS

AK-225 Ultra Hi-Density EPS™
 Es el aislante verdadero
 para el ahorro de energía

- > Facilidades automatizadas en 200,000 pies cuadrado
- > Cotizaciones en 1 hora, dibujos en 1 día
- > Empaque de alta protección en tránsito y destino. Bajos costos de transportación.
- > AK-225 mantiene su Valor-R por más de 20 años
- > AK-225 no se deteriora, libre de huecos, hidrofóbico, no es tóxico y 100% reciclable
- > AK-225 es visualmente inspeccionado antes de formar el panel
- > AK-225 extiende la vida del sistema de refrigeración
- > Clientes satisfechos a nivel mundial desde 1985

Certificaciones nacionales e internacionales



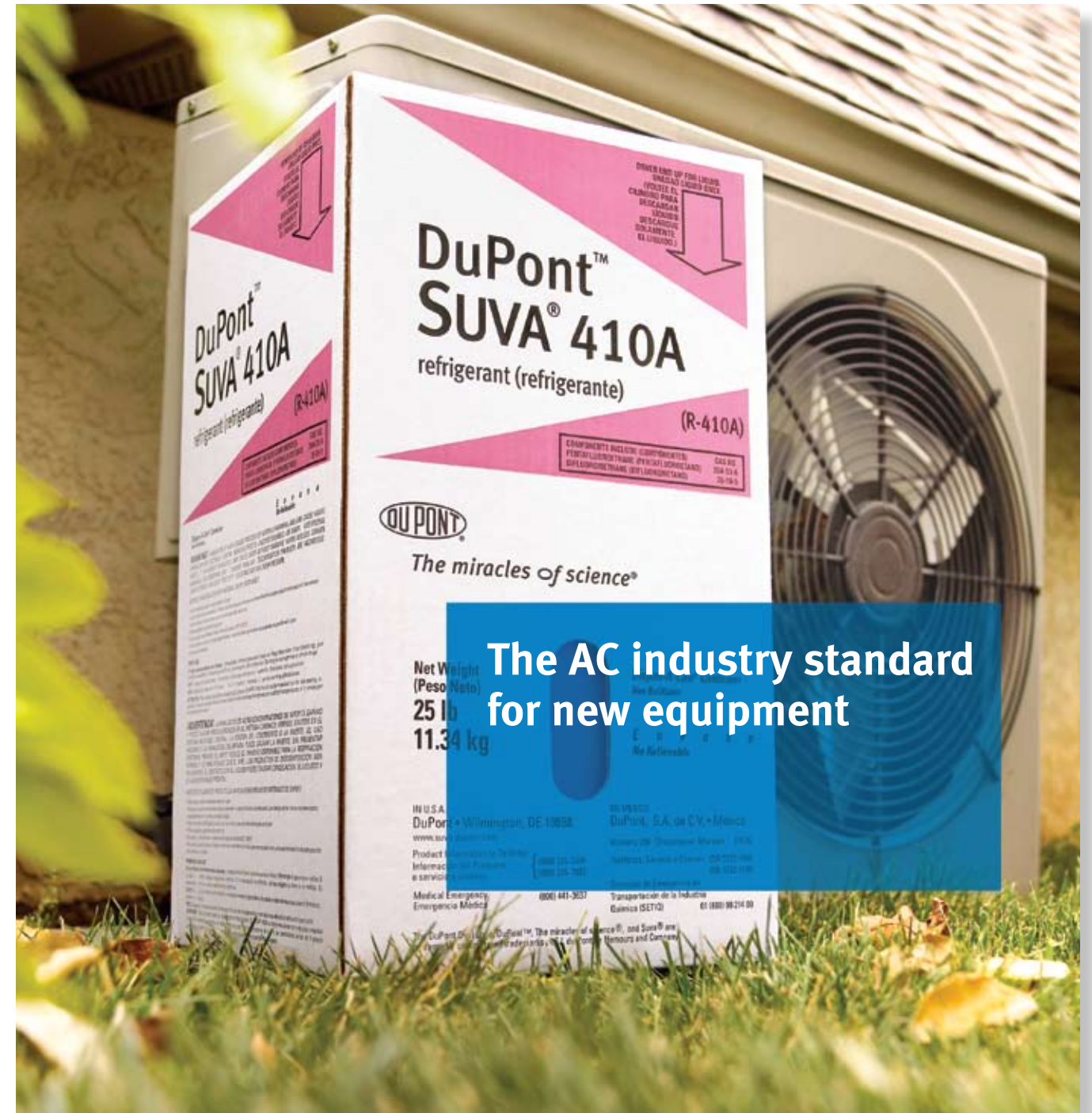
Llámenos hoy o visite AmeriKooler.com

amerikooler

Fabricante de Cámaras y Almacenes de Refrigeración y Congelación

SANYO

Preserving Freshness



**The AC industry standard
for new equipment**

Starting in 2010, due to changing environmental regulations, no new R-22 systems will be manufactured. This presents a great opportunity to offer your customers equipment designed for a non-ozone depleting refrigerant. DuPont™Suva® 410A is the preferred HFC refrigerant for new residential and light commercial air conditioning equipment. It has become the choice of many major heat pump and air conditioning manufacturers. And more and more contractors are seeing the benefits of moving their customers to equipment using Suva® 410A. To find the best product for any job, call your local DuPont Refrigerants distributor.

DuPont Refrigerants



The miracles of science™

Ice-O-Matic
Ice. Pure and Simple



TopTech
comfort | excellence

Handles up to
500 lbs

Adjustable Air Handler / Furnace Stand

18" Tall legs
Ships & stores flat - Great for warehouse or service vehicle
Made from rigid high quality 12 gauge steel
Powder coated baked finish
Expands to 29" deep
Expands to 25" wide (27" with adapter)
Includes gasket for sealing unit to stand
Built in filter rack
Equipment guides on sides for a secure fit
Gravity lock mechanism with securing bolts



Reduces install time
Saves labor hours

**Ships and
Stores Flat**



Model TT-BM060618



24", 30" & 36" high stands available

www.TopTechHVAC.com

042910



NEW HARRIS HVAC BRAZING OUTFITS

BRAZING AND SOLDERING

EQUIPMENT AND ALLOYS WE HAVE IT ALL

4 HVAC OUTFITS TO CHOOSE FROM



100% Tested, 100% of the Time

Look for the shield that guarantees the highest quality Professional Tools... Superior Results™



4 HVAC PORT-A-TORCH OUTFITS TO CHOOSE FROM





Thermaflex®

Thermaflex.® The #1 Choice
for Residential and Commercial
HVAC Applications.

GOOD, BETTER, BEST OF THERMAFLEX®

No matter what your flexible duct challenge, Thermaflex® can provide the solution. For half a century, we've concentrated on flexible duct solutions for a broad range of applications, especially in HVAC. We've fine-tuned our product lines to ensure quality and performance, no matter your choice. Whether you need flexible duct for commercial or residential jobs, Thermaflex has the answer.

Thermaflex provides the professional contractor with what he needs most: performance and profitability. The quality of our workmanship is second to none and we've added feature after feature to give you extra advantages on the job site.

Made in the USA: All Thermaflex products are made in the USA by people who care about quality. Many of our employees have decades of experience with us, and it shows in their work and ideas for improving our products. When you buy from Thermaflex, you get the best. Our warranty protection is second to none and our people are dedicated to making sure that you get more than your money's worth, every time.

THE GREENGUARD INDOOR AIR QUALITY CERTIFIED MARK is a registered certification mark used under license through the GREENGUARD Environmental Institute.

The Dow Corning® logo is a registered trademark of Dow Corning. ©2000 Dow Corning.

Nashua® TAPE PRODUCTS

Your Partner in HVAC

Offering a full-line of HVAC tape products
UL Listed HVAC Tapes • Duct Tape • Foil & FSK Tape •
Spray Adhesive • Waterproofing & Sealing •
Plumbing & Electrical Tapes



BERRY
PLASTICS
CORPORATION
AND SUBSIDIARIES
TAPES AND COATINGS DIVISION

Cultivando el presente y futuro de HVAC

HARDCAST
Selladores para Ductos y
Adhesivos para Aislantes

DYN AIR
Herrajes y Componentes
para Ductos

NEXUS
Sistema de Bridas para
Conexión de Ductos

Ofreciendo más de 20 productos que
contribuyen a los requerimientos de LEED®
(Liderazgo en Energía y Diseño Ambiental)



Mejorando la Eficiencia de Aire Acondicionado y Calefacción Desde 1965

CARLISLE
HVAC PRODUCTS

Flexible closed-cell insulation designed for the HVAC/R industry.

K-FLEX USA
INNOVATION IN INSULATION

PLUMBING HVAC/R COMMERCIAL/INDUSTRIAL MARINE OIL&GAS SOLAR

GREENGUARD
Certified for Indoor Air Quality

K-FLEX USA
Elastomeric Insulation Tape

K-FLEX USA
Cork Insulation Tape

REYMSA[®]

The **All-Fiberglass** Cooling Towers



Fantech

Simply the Right Choice for Energy Efficient Ventilation





Wall Fans



Inline Fans



Power Roof Ventilators



Whole House HEPA Filtration



Premium Bath Fans



Dryer Boosting Fans



Heat Recovery Ventilators

"I built my reputation on installing quality ventilation products that are energy-efficient and dependable. That's why I use Fantech.
Superior Products. Superior Warranties. No call backs ever."



Fantech

IMPROVING INDOOR AIR QUALITY THROUGH BETTER VENTILATION



Linacoustic® RC

Fiber Glass Duct Liner With Reinforced Coating System

Now proven to be #1 overall in shop productivity and jobsite approval.*

* A competitive product comparison study conducted and overseen by FMI, a management consulting firm to the construction industry, rated Linacoustic RC #1 overall by contractors who participated in the study.

specJM.com






Glasfloss Industries is the oldest manufacturer of HVAC filters in the world. Established in 1936. After decades of serving the air filtration industry, Glasfloss has built a worldwide reputation for quality products which provide reliable performance and superior value. Our unique ability to work with customers on special product needs and requests is the result of over 70 years of manufacturing experience and our continuing commitment to research and development.

From Disposable Panel Filters to HEPA filters, Glasfloss is the Clear Choice for all of your air filtration needs.



AirGuide has a wide variety of standard products as well as a broad range of custom designed OEM products that can be modified to suit most applications.

MECHANICAL AND AIR HANDLING INSULATIONS

Owens Corning Air Handling products are not only GREENGUARD Indoor Air Quality Certified,[®] but certified by the even more stringent GREENGUARD Children & Schools[®] product emission standards.

Owens Corning products continue to be on the cutting edge of green technology and meet the strictest guidelines for indoor air quality.

The GREENGUARD INDOOR AIR QUALITY CERTIFIED Mark is a registered certification mark used under license through the GREENGUARD Environmental Institute. Scientific Certification Systems (SCS) provides independent verification of recycled content in building materials and verifies recycled content claims made by manufacturers. For more information, visit www.scs-certified.com.

THE PINK PANTHER[™] & ©1964-2010 Metro-Goldwyn-Mayer Studios Inc. All Rights Reserved.
The color PINK is a registered trademark of Owens Corning. ©2010 Owens Corning Insulating Systems, LLC.

YOUR
TRUSTED
PARTNER
FOR ALL
YOUR AIR
HANDLING
SYSTEMS

[illegible]

Notes



FACILITIES LOCATION	ADDRESS	PHONE NUMBER
Carrier InterAmerica Corp	3450 NW 115th Avenue Miami, Florida 33178	305-590-1000
Carrier Puerto Rico Inc.		
TOTALINE Caparra	#21 Street Mario Julia Ind Park Caparra, P.R. 00922	787-783-2525
TOTALINE Río Piedras	#380 65 Infantería Avenue Río Piedras, P.R. 00925	787-765-2525
TOTALINE Ponce	#91 Hostos Avenue Ponce, P.R. 00717-0944	787-840-2525
TOTALINE Mayaguez	#195 Méndez Vigo West Avenue Mayaguez, P.R. 00680	787-833-2525
TOTALINE Bayamón	#67 Betances Avenue Bayamón, P.R. 00959	787-797-2525
TOTALINE Arecibo	#538 Miramar Avenue Arecibo, P.R. 00612	787-878-2525
TOTALINE Caguas	#189 Road Km 2.6 Caguas, P.R. 00726	787-286-6133

