2024 Edition
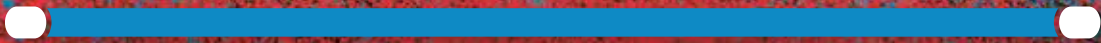
RTi

Air System Experts

READING TECHNOLOGIES, INC.

AUTOMOTIVE REFINISH PRODUCT LINE

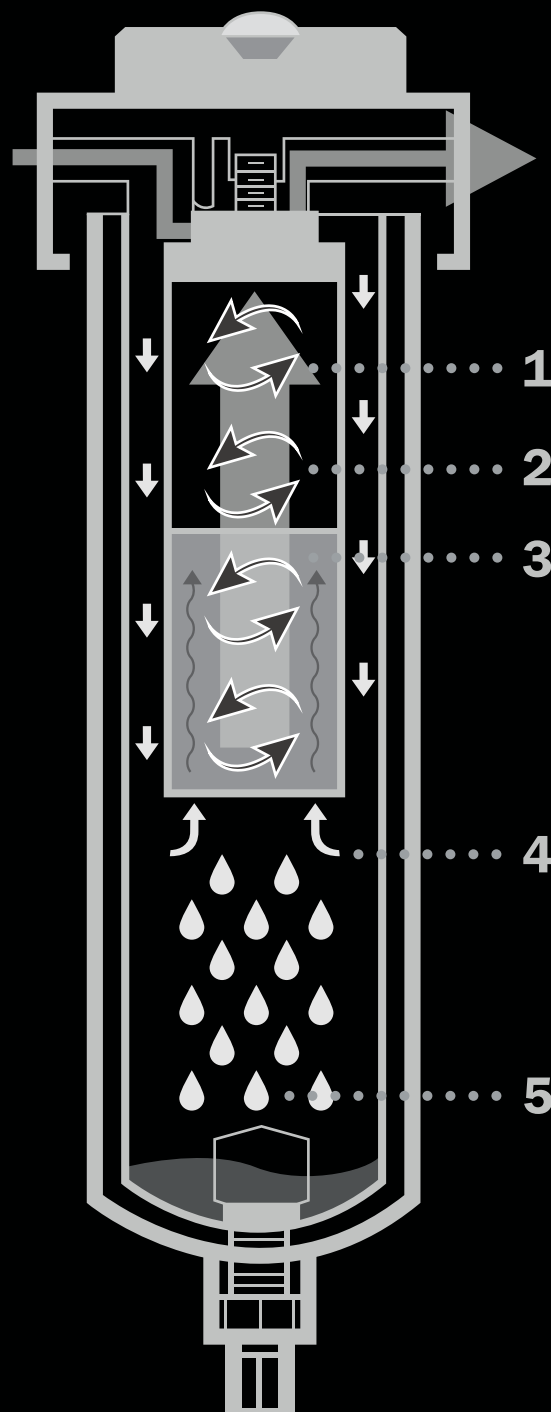(800) 521-9200   www.rti-pbe.com   @RTiPBE   @rti_pbe

Why RTi?

Reading Technologies, Inc. has been at the forefront of advanced air system technology since 1986. Our innovations include compressor room desiccant and refrigerated dryers, mainline separators/coalescers, point-of-use dryers, and filter/regulator/lubricator units. Below is an explanation of how RTi uses its patented Inverse-Flow® Technology to give you the best clean, dry air for your painting needs.

The RTi brand prides itself on providing clean, dry air. Do you have specific requests? We build around your custom need. Call us to find out more: (800) 521-9200, or visit our website at **www.rti-pbe.com**.

INVERSE-FLOW® TECHNOLOGY

1 Centrifugal Spinning
Water, dirt, and oil contaminants are spun in a downward circular motion through the air. The spinning action forces heavy particles outward, towards the drain.

2 Final Filter Media
Our elements are composed of interwoven cotton, polyester, and stainless steel. The filter captures excess sub-micron water droplets. Cotton holds the water particles and allows them to re-enter the air stream as harmless vapor. *Filtration to 1.0 micron.*

3 Stainless Steel Element
Pre-cleaned air enters a filter media composed of finely interwoven stainless steel mesh wires. The striated surface efficiently holds aerosols and liquid droplets, which then fall into the drain area. *Filtration to 3.0 micron.*

4 Inverse-Flow®
RTi's Inverse-Flow® process creates a condition where the air, spinning in a downward circular motion, changes direction 180° and begins to flow vertically upward. The contaminants are not capable of reversing direction and must separate from the air flow. This process prevents re-entrainment of contamination, which can occur in other filter systems.

5 Bowl and Drain Options
Bowls---metal or polycarbonate with metal guards.
Drains---automatic float, manual, zero loss, or electronic.
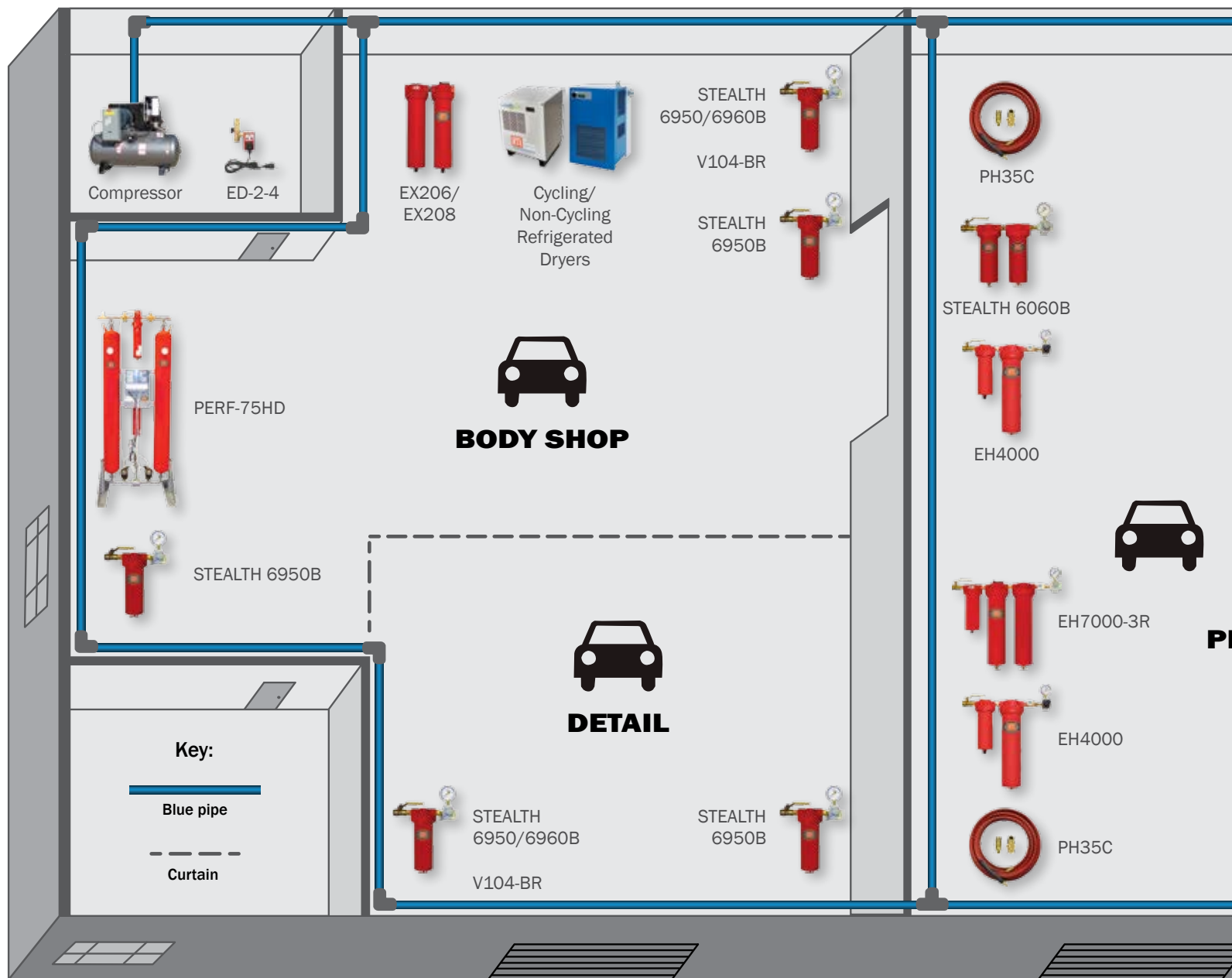
Scan the code to go
directly to our website!

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Key:

Blue pipe

Curtain

Part Number	Shop Application	Best Feature	1st Stage Element	2nd Stage Element	3rd Stage Element
EX206	Mainline	Oil & water removal, 0.01 micron, ¾"	1P-090	3C-090	N/A
EX208	Mainline	Oil & water removal, 0.01 micron, 1"	1P-150	3C-150	N/A
C106	Mainline	Oil removal, ¾"	3C-090	N/A	N/A
C108	Mainline	Oil removal, 1"	3C-150	N/A	N/A
STEALTH 6950B	General Shop	Clean air w/ regulator	6950-1	N/A	N/A
STEALTH 6900B	General Shop	Easy service, clean air to tools	6950-1	N/A	N/A
STEALTH 6060B	Prep Station	Activated carbon filter, eliminates oil	6960-1	3C-060	N/A
STEALTH 7000B	Final Booth Filter	0.01 micron final filter	3C-060	N/A	N/A

STEALTH 6950B

Breathing Air PERF

PH35C

Couplers/Plugs

MR-1

EH4000

REP AREA

EH7000-3R

EH4000

PERF-50

PH35C
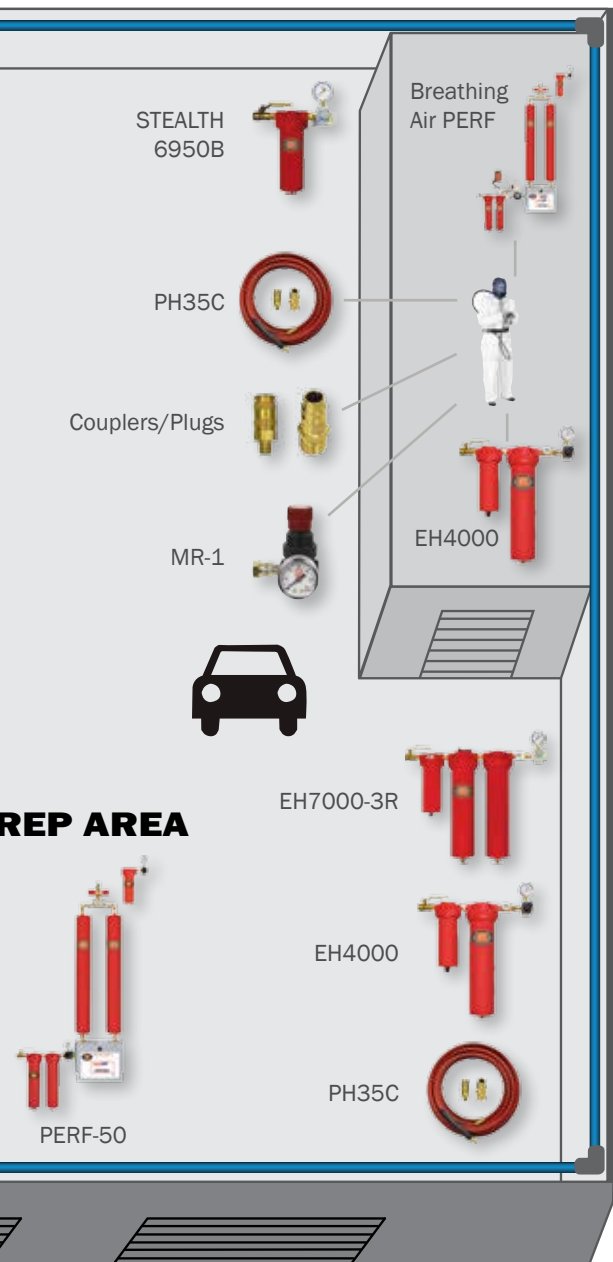
In addition to our standard units, we can customize units for your unique applications!

The layout provided is a sample layout of an autobody shop equipped with RTi products. In the charts below, there are other products listed that would be great to have in any shop.

RTi also offers Quality Air Tests (QAT) to test the quality of your shop's air. This service is available free of charge in most areas. See sheet on page 27.

Call us at 800-521-9200 or visit our website at **www.rti-pbe.com** *for more information.*

Part Number	Shop Application	Best Feature
Call for #'s	Compressor	Quiet running; long life
ED-2-4	Compressor/Line Drain	Electronic timer
TD5	Compressor/Line Drain	Auto/manual tank drain
Call for #'s	Mainline Refrigerated Dryer	Energy saving design
MR-1	Spray Gun Regulator	Precise 0-60 PSI regulator
BRAD-PERF Unit	Breathing Air Unit	Breathing air filtration
HVHA-35	Breathing Air Unit	Certified air hose
PH35C	Conductive Hose	No static build-up, high flow fittings
PERF-75HD*	Twin Tower System	Desiccant dryer
HFFC-1/HFMC-1	High Flow Couplers	Universal design
HFFP-1/HFMP-1	High Flow Plugs	High flow meets EPA guidelines

Part Number	Shop Application	Best Feature	1st Stage Element	2nd Stage Element	3rd Stage Element
E4000	1 Gun Spray Application	Includes final filter and ¼" regulator	4P-060	DE401	N/A
EH4000-3R	1 Gun Spray Application	Includes final filter and ⅜" regulator	4P-060	DE401	N/A
EH7000-3R	1 Gun Spray Application	Heavy duty design for high contaminates	4P-060	3C-090	DE401
EH2500	Booth/Prep Dryer	Spin on/spin off desiccant	DE401	N/A	N/A
MD4	DIY/Low Volume Shops	1 micron, 4 layer filtration, ¼" reg./gauge	MD4-1	N/A	N/A
PERF-25*	1 Gun Spray Booth	Regenerative desiccant dryer	3P-060	3C-060	3C-060
PERF-50*	2 Gun Spray Booth	Regenerative desiccant dryer	3P-090	3C-090	3C-060
PERF-50-PRO*	2 Gun Spray Booth	Reg. desiccant dryer, activated carbon	DE362C	3C-091	3C-060

* Available with money-saving maintenance kits!

Modular Blue Piping

Alum. Pipe/Double Bend Alum. Pipe

Part Number	Sizing	
RTi-P34-20	20 mm	¾"
RTi-P1-20	25 mm	1"
RTi-P114-20	32 mm	1¼"
RTi-P112-20	40 mm	1½"
RTi-P2-20	50 mm	2"
RTi-DB12	16 mm	½"
RTi-DB34	20 mm	¾"
RTi-DB1	25 mm	1"

Equal Tee/Reducing Tee/Female NPT Tee

Part Number	Sizing	
RTi-T12	16 mm	½"
RTi-T34	20 mm	¾"
RTi-T1	25 mm	1"
RTi-RT34-12	20 x 16 mm	¾" x ½"
RTi-RT1-12	25 x 16 mm	1" x ½"
RTi-RT1-34	25 x 20 mm	1" x ¾"
RTi-RT114-34	32 x 20 mm	1¼" x ¾"
RTi-FT34-12	20 mm x ½" NPT	¾" x ½"
RTi-FT1-12	25 mm x ½" NPT	1" x ½"

Couplers/Endcaps

Part Number	Sizing	
RTi-PC12	16 mm	½"
RTi-PC34	20 mm	¾"
RTi-PC1	25 mm	1"
RTi-PC114	32 mm	1¼"
RTi-EC12	16 mm	½"
RTi-EC34	20 mm	¾"
RTi-EC1	25 mm	1"
RTi-EC114	32 mm	1¼"
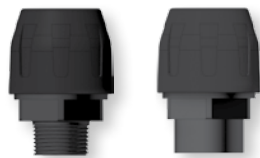
Alum. Nipple Socket (Male/Female)

Part Number	Sizing	
RTi-NSA34-12	20 mm x ½" NPT	¾" x ½"
RTi-NSA34-34	20 mm x ¾" NPT	¾" x ¾"
RTi-NSA1-34	25 mm x ¾" NPT	1" x ¾"
RTi-NSA1-1	25 mm x 1" NPT	1" x 1"
RTi-FNSA34-12	20 mm x ½" NPT	¾" x ½"
RTi-FNSA34-34	20 mm x ¾" NPT	¾" x ¾"
RTi-FNSA1-1	25 mm x 1¼" NPT	1" x 1"

45° Elbow/ 90° Elbow

Part Number	Sizing	
RTi-E45-34	20 mm	¾"
RTi-E45-1	25 mm	1"
RTi-E45-114	32 mm	1¼"
RTi-E90-12	16 mm	½"
RTi-E90-34	20 mm	¾"
RTi-E90-1	25 mm	1"
RTi-E90-114	32 mm	1¼"

Quick Branch Droplet (Female NPT)

Part Number	Sizing	
RTi-QBT1-12	25 mm x ½" NPT	1" x ½"
RTi-QBT114-12	32 mm x ½" NPT	1¼" x ½"
RTi-QBT112-12	40 mm x ½" NPT	1½" x ½"

*For complete list of pipe lengths, part numbers or accessories, visit our website: **www.rti-pbe.com** or call us at 800-521-9200.*

*Please note: colors may vary on piping accessories.

Understanding the Modular Blue Piping Part Numbering System

RTi +

P - Pipe
NS - Nipple Socket
PC - Socket Coupling
E45 - 45° Elbow
E90 - 90° Elbow
RT - Reducing Tee

+

12 - ½"
34 - ¾"
1 - 1"
114 - 1¼"
112 - 1½"

Example:

90° Elbow in ½": **RTi-E90-12**
1" Alum. Pipe (19'): **RTi-P1-20**

Literature Sheets: A094, A095

Modular Blue Piping

Features
- High quality, lightweight aluminum piping
- Perfect compliment to our Perfect Air® line
- Wide variety of accessories make installation a breeze
- Easy to install, easy to change, no welding or tapping

Shop layouts with Modular Blue Piping are available upon request.
For more information, call RTi at 800-521-9200 or visit our website www.rti-pbe.com
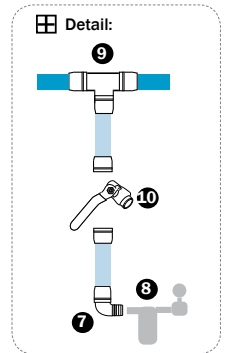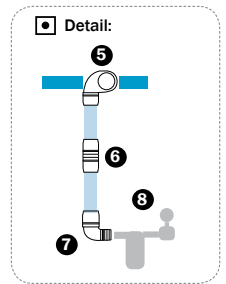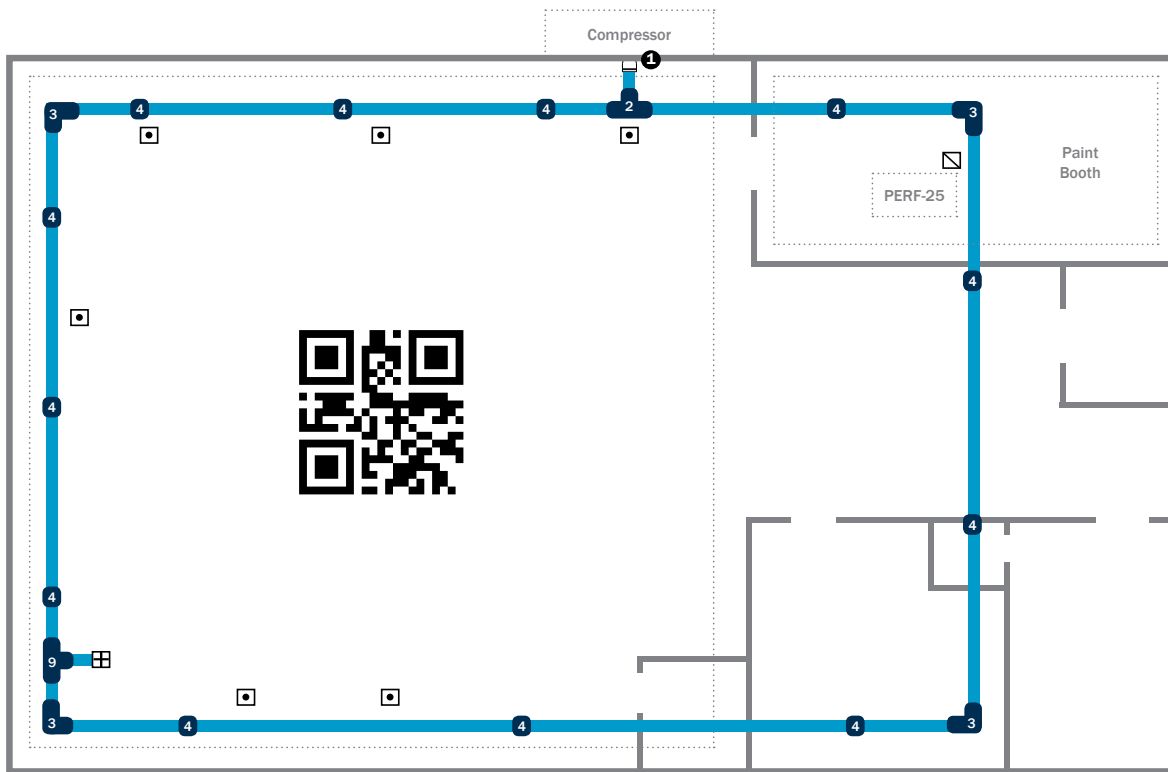
The Case for Aluminum Piping
- Aluminum pipe systems are much easier to install and to modify than steel or copper pipe systems. Labor savings of 65% can be achieved since aluminum pipe is supplied ready for use. Preparations beyond cutting, deburring, and chamfering are not required, nor are special tools needed. Aluminum pipe is calibrated, meaning that its diameter is strictly controlled. This means that associated quick connect components will fit securely.

- Aluminum pipe is much lighter than steel or copper pipe and does not require threading or soldering.

- The compressed air provided by a system built with aluminum piping is much cleaner than air delivered by a steel pipe system. Aluminum pipe systems can help meet the requirements of ISO 8573-1:2010 air quality standards, should the application require it. Cleaner air also means lower maintenance costs.

- Corrosion-resistant properties of aluminum pipe mean optimal air flow, reduced energy costs, and better air quality.

- The fittings used with aluminum pipe systems fit securely and leak far less than the fittings used with threaded systems. This translates directly into energy savings and improved plant productivity.

Rotary Screw Compressors

Open/Enclosed Rotary Screw Compressor
- Operating pressures from 100-180 PSI
- Low speed rotors on air end for long life
- Less than 3 PPM oil carryover
- One solenoid valve to operate machine
- Quiet operation
- Spin on separator and oil filter
- Oil after-cooler on all models
- 8000 hour full synthetic oil standard
- 125, 150, 175 operating pressure at no extra charge
- Analog controls; no unnecessary/ unreliable microprocessor
- 5 year extended warranty available for air end

Literature Sheets: Ai002, Ai007

Piston Compressors

Corresponding Literature Sheets listed under items can be found on RTi's website: www.rti-pbe.com.

5-15 HP
- Solid cast iron pump
- Disc and spring valves
- Centrifugal unloader
- Low pump RPM
- Oil sight glass
- Oil drain/fill on front of pump
- Heavy duty NEMA motors
- OSHA style enclosed belt guard
- ASME code receivers
- Needle bearings

Literature Sheets: Ai001, Ai007

Stationary Duplex
- Heavy duty 2-stage solid cast iron pump
- Disk and spring valves
- Bearings on both ends of crank shaft
- Industrial grade electric motor
- ASME tested powder coated steel tank
- Two (2) groove B width motor pulley
- All UL electrical controls
- Access to compressor valves without compressor head removal
- Auto start-stop
- Fully enclosed belt guard
- Centrifugal unloader
- Heavy duty air filter

Literature Sheets: Ai005, Ai007

15-25 HP
- Operating press. from 100-180 PSI
- Low tip speeds on air end
- Less than 3 PPM oil carry over
- One solenoid valve to operate
- Quiet operation
- Spin on separator and oil filter
- Oil after-cooler on all models
- 8000 hour full synthetic oil
- 125, 150, 175, 195 operating pressure at no extra charge
- Analog controls. No unnecessary and unreliable microprocessor

Literature Sheets: Ai001, Ai007

Eliminex®/Eliminex® Combo Series/Coalescers

Eliminex® / Eliminex® Combo Features
- Inverse-Flow® design filters to 3.0 micron
- Innovative clamp ring design - No tools needed
- Automatic drains
- Stops water, dirt, and oil
- Grade 2 coalescer filters to 0.01 micron
- Differential Pressure Indicator also available

Coalescer Features
- 0.01 micron at 99.99998% oil removal efficiency
- Automatic drains
- Tool-less spin on/spin off elements
- Pre-filter for desiccant dryer, refrigerated dryer, or after filter for desiccant dryers
- Differential Pressure Indicator also available

EX104-B/EX204-B/C104-B
60 SCFM, ½" NPT

Replacement Element: 1P-060
Replacement Elements (combo unit):
   1st stage: 1P-060
   2nd stage: 3C-060
Replacement Element (coalescer):
   3C-060

Literature Sheet: A009, A013

EX106/EX206/C106
90 SCFM, ¾" NPT

Replacement Element: 1P-090
Replacement Elements (combo unit):
   1st stage: 1P-090
   2nd stage: 3C-090
Replacement Element (coalescer):
   3C-090

Literature Sheet: A009, A013

EX108/EX208/C108
150 SCFM, 1" NPT

Replacement Element: 1P-150
Replacement Elements (combo unit):
   1st stage: 1P-150
   2nd stage: 3C-150
Replacement Element (coalescer):
   3C-150

Literature Sheet: A009, A013

Non-cycling Refrigerated Dryers

Part Number	Airflow (SCFM)	Standard Voltage	NPT
RDNC 0020	20	115V / 1Ph	½"
RDNC 0035	35	115V / 1Ph	½"
RDNC 0050	50	115V / 1Ph	½"
RDNC 0075	75	115V / 1Ph	1"
RDNC 0100	100	115V / 1Ph	1¼"
RDNC 0150	150	115V / 1Ph	1¼"

Part Number	Airflow (SCFM)	Standard Voltage	NPT
RDNC-0015	15	115V / 1Ph	½"
RDNC-0041	41	115V / 1Ph	¾"
RDNC-0059	59	115V / 1Ph	¾"
RDNC-0071	71	115V / 1Ph	1"
RDNC-0161	161	230V / 1Ph	1½"
RDNC-0226	226	220V / 3Ph	2"

**Larger sizes available. Call factory for more information.

Non-Cycling Refrigerated Dryer Specs
- 20-150 capacity (depends on model, other sizes available)
- 15-226 capacity (depends on model, other sizes available)
- Port sizes from ½" to 2", ½" to 4"
- Max. Temp: 122°F, 130°F
- Pressure Dew Point: 37°F, 38°F

Non-Cycling Refrigerated Dryer Features
- Compact size for easy fit
- Constant quality of dry air to your system
- Low maintenance, long life design

Literature Sheet: A027

■ Twin Tower Desiccant Systems

PERF-55HD

Mainline desiccant drying system that handles flow up to 15 HP compressors, delivers -40ºF dew point air throughout shop, and comes complete with 0.01 micron pre and after filter.

Available Kit: PERF-55HD-MK (replacement elements/mufflers)

Literature Sheet: A081

PERF-75HD

Mainline desiccant drying system that handles flow up to 30 HP compressors, delivers -40ºF dew point air throughout shop, and comes complete with 0.01 micron pre and after filter.

Available Kit: PERF-75HD-MK (replacement elements/mufflers)

Literature Sheet: A082

PERF-180HD

Mainline desiccant drying system that handles flow up to 50 HP compressors, delivers -40ºF dew point air throughout shop, and comes complete with 0.01 micron pre and final filter.

Available Kit: PERF-180HD-MK (replacement elements/mufflers)

Literature Sheet: A083

■ Mainline Accessories

ED-2-4

Electronic timer drain with indicator lights. Automatically drains water from tank and features a solid brass ball valve with stainless strainer to protect the valve. Manual override comes standard, fits ¼" or ½" NPT.

Literature Sheet: A036

RTi-MGD

Mini magnetic drain uses magnetic level sensor to provide zero air loss operation. Corrosion resistant aluminum with ½" inlet, ⅛" outlet.

Literature Sheet: A100

TD5

Tank/drip leg automatic drain eliminates the daily manual draining and features a ½" NPT inlet on top with a filter screen to protect the drain.

Literature Sheet: A037

Perfect Air® Systems

Systems that provide *consistently* flawless finishes for waterborne and solvent base paints.

Features

- Consistent -40° dew point to the gun
- For HVLP and conventional spray guns
- No upstream dryer required
- Self regenerating desiccant dryer requires less routine maintenance
- Change desiccant every 3-5 years
- Faster cure times - increased production

- Quiet operation
- Easy wall mount design with non-corrosive aluminum towers
- Eliminates dieback, cloudiness in clear finish, and more with 3% or less compressed air humidity (CAH) achieved

PERF-25
Desiccant dryer.

Replacement Elements:
   1st stage: 3P-060
   2nd stage: 3C-060
   3rd stage: 3C-060

Literature Sheets: A042, A046, A047

PERF-50
Desiccant dryer.

Replacement Elements:
   1st stage: 3P-090
   2nd stage: 3C-090
   3rd stage: 3C-060

Literature Sheets: A042, A046, A048

PERF-50-PRO
Desiccant dryer with activated carbon 1st stage element and additional point-of-use after filter.

Replacement Elements:
   1st stage: DE362C
   2nd stage: 3C-091
   3rd stage: 3C-060

Literature Sheets: A042, A046, A049

Eliminator® II Series

E4000: ¼" regulator/gauge assembly and differential pressure indicator.

E4000-3R: ⅜" regulator/gauge assembly and differential pressure indicator.

Replacement Elements:
    1st stage: 4P-060
    2nd stage: DE401

Literature Sheets: A002, A003

EH2500: ½" inlet/outlet single stage desiccant dryer. Includes PB-004 mounting bracket.

Replacement Element: DE401

Literature Sheets: A002, A006

EH4000: ¼" regulator/gauge assembly.

EH4000-3R: ⅜" regulator/gauge assembly.

EH4000-4R: ½" regulator/gauge assembly.

Replacement Elements:
    1st stage: 4P-060
    2nd stage: DE401

Literature Sheets: A002, A004, A005, A051

EH7000-3R: ⅜" regulator/gauge assembly.

EH7000-4R: ½" regulator/gauge assembly.

Replacement Elements:
    1st stage: 4P-060
    2nd stage: 3C-090
    3rd stage: DE401

Literature Sheets: A002, A007, A052

Booth Products

SHC-35/SHC-50
Spraying hose. Lightweight and tangle-free industrial polyester. Available in 35' & 50'.

Literature Sheet: A076

STEALTH 1700B
½" inlet, ½" regulator and gauge, multiport manifold, and couplers. Includes BK-1 mounting bracket, BV-051 ball valve.

Replacement Element: 3C-060

Literature Sheets: A024, A093

STEALTH 7000B
½" inlet filters dirt and oil at 0.01 micron with ¼" regulator and gauge. Includes BK-1 mounting bracket, BV-051 ball valve.

Replacement Element: 3C-060

Literature Sheets: A023, A024

Corresponding Literature Sheets listed under items can be found on RTi's website: www.rti-pbe.com.

PH35C/PH50C
High flow 35' & 50' conductive spraying hose. Available in 35' & 50' non-conductive: PH35NC, PH50NC.

Literature Sheet: A079

MR-1
Mini paint gun regulator with up to 30 SCFM, 0-60 PSIG operating range, ¼" inlet/outlet, and chrome glass lens gauge.

Literature Sheet: A029

CV-02
Cheater valve with ¼" NPT and 0-60 PSIG chrome glass lens gauge. Available without gauge: CV-NG.

Literature Sheet: A039

RNF-2YCP
¼" air amplifier/fan nozzle with brass plug, CV-02 cheater valve, and magnet.

Literature Sheet: A123

Breathing Air Systems

Features

- Monitors Grade "D" breathable air
- Deep bed activated carbon pre-filter for hydrocarbon removal to 0.003 PPM
- 0.01 micron final filter designed for fine particulate and oil removal at 99.9998% efficiency
- Dual ½" outlets with ¼" high flow quick disconnects
- Rated for up to 60 SCFM

- Heavy duty, high flow regulator assembled with FDA lubricant
- 0-60 PSIG mini-regulator controls air pressure to monitor
- Low air sample rate through monitor
- 110 Volt AC electrical
- Radio frequency cancellation feature - if the monitor senses an RF signal, it will not alarm unless the signal lasts for 10 seconds or longer

BRAD-BD1-PR0
Portable BRAD-BD1 unit.

Replacement Elements:
   1st stage: 4P-060
   2nd stage: 3C-061

Literature Sheets:
   A063, A064

BRAD-BD1
1-2 person pre-filter combo, CO monitor, ½" regulator with 0-160 PSI gauge, MR-1 mini regulator.

Replacement Elements:
   1st stage: 4P-060
   2nd stage: 3C-061

Literature Sheets:
   A063, A064, A086

BRAD-BD2
2-6 person pre-filter combo, CO monitor, ½" regulator with 0-160 PSI gauge, MR-1 mini regulator.

Replacement Elements:
   1st stage: DE362C
   2nd stage: 3C-151

Literature Sheets:
   A063, A064, A087

BRAD-CM3
CO Monitor.

Connection hardware for BRAD-CM3: BRAD-CM3-CCA

Literature Sheets:
   A063, A064

BRAD-9484
3-stage filter with ½" regulator, multiport manifold, two couplers, two BK-1 mounting brackets.

Replacement Elements:
   1st stage: 4P-060, 2nd stage: 3C-060
   3rd stage: 3C-061

Literature Sheets: A063, A064, A065

BRAD-4000C
Complete system package with desiccant, pre-filter combo, desiccant tower, CO monitor.

Replacement Elements:
   1st stage: 4P-060, 2nd stage: 3C-061
   3rd stage: DE401

Literature Sheets: A063, A064, A066

BRAD-PERF
Breathing air units for Perfect Air® systems. Available for BRAD-PERF-25C, BRAD-PERF-50C

Replacement Elements:
   1st stage: DE362C, 2nd stage: 3C-151
   3rd stage: 3C-060

Literature Sheets: A062, A063

Breathing Air Systems Kits

BRAD-M1C
Kit includes:
• Full Face Mask

The safest NIOSH approved air supply respirator mask design. Light weight with wide field of vision and over the shoulder air breathing tube. Meets OSHA standards [29CFR 1910.134(d)(1)].

BRAD-OK-M1C-35
Operator kit includes:
• Full face mask
• 35' non-gassing hose assembly
• Flow control valve, belt assembly

BRAD-OK-M1C-50
Operator kit includes:
• Full face mask
• 50' non-gassing hose assembly
• Flow control valve, belt assembly

Replacement Lens Covers:
   BRAD-M1-LC (pack of 25)

Literature Sheets: A063, A064

BRAD-M2C
Kit includes:
• Full Flip up Face Mask

Convenient NIOSH approved air supply respirator mask. Meets OSHA standards [29CFR 1910.134(d)(1)].

BRAD-OK-M2C-35
Operator kit includes:
• Flip-up mask
• 35' non-gassing hose assembly
• Flow control valve, belt assembly

BRAD-OK-M2C-50
Operator kit includes:
• Flip-up mask
• 50' non-gassing hose assembly
• Flow control valve, belt assembly

Replacement Lens Covers:
   BRAD-M2-LC (pack of 10)

Literature Sheets: A063, A064

BRAD-M3C
Kit includes:
• Maintenance Free Tyvek®
  Hood Mask

BRAD-OK-M3C-35
Operator kit includes:
• Disposable hood
• 35' non-gassing hose assembly
• Flow control valve, belt assembly

BRAD-OK-M3C-50
Operator kit includes:
• Disposable hood
• 50' non-gassing hose assembly
• Flow control valve, belt assembly

Replacement Lens Covers:
   BRAD-M3-LC (pack of 10)

Literature Sheets: A063, A064

BRAD-FCV
Flow control valve and belt assembly.

Literature Sheets: A063, A064

BRAD-HD1
Humidifier.

Literature Sheet: A063

BRAD-VC
Vordex Cooler.

Literature Sheet: A063

HVHA-B35C/HVHA-B50C
35' and 50' non-gassing hose assembly.

Literature Sheets: A063, A064

STEALTH Units

STEALTH 6900B
¼" inlet filters water and dirt with 1 micron final filtration. Includes BK-1 mounting bracket, BV-051 ball valve.

Replacement Element: 6950-1

Literature Sheets: A020, A024

STEALTH 6950B
½" inlet filters water and dirt to 1 micron, comes with ¼" regulator and gauge. Includes BK-1 mounting bracket, BV-051 ball valve.

Replacement Element: 6950-1

Literature Sheets: A021, A024

STEALTH 6960B
½" inlet filters water, dirt, and oil with ¼" regulator and gauge. Includes BK-1 mounting bracket, BV-051 ball valve.

Replacement Element: 6960-1

Literature Sheets: A022, A024

STEALTH 1752B/1762B
½" inlet, ½" regulator and gauge, multiport manifold, and couplers. Includes BK-1 mounting bracket, BV-051 ball valve.

Replacement Element ST. 1752B: 6950-1
Replacement Element ST. 1762B: 6960-1

Literature Sheets: A056, A057

STEALTH 7500
¾" inlet filters water, dirt, and oil with ¾" heavy duty regulator and gauge. Includes BV-075 ball valve.
Does not come with a BK-1 mounting bracket.

Replacement Elements:
   1st stage: 3P-150
   2nd stage: 3C-150

Literature Sheets: A024, A111

Vordex V104-BR
½" inlet filters water, dirt, and oil to 1 micron with a ¼" regulator, gauge, and automatic drain. Includes BK-1 mounting bracket.

Replacement Element: 3P-060

Literature Sheet: A026

STEALTH Units

STEALTH 1000B
½" inlet, ½" regulator and gauge, 0.01 micron filter system. Perfect for RTi's Blue Piping. Includes BK-1 mounting bracket, BV-051 ball valve.

Replacement Element: 3C-060

Literature Sheets: A024, A090

STEALTH 1500B
½" inlet, ½" regulator and gauge, multiport manifold, and couplers. Includes BK-1 mounting bracket, BV-051 ball valve.

Replacement Element: 3C-060

Literature Sheets: A024, A092

STEALTH 1700B
½" inlet, ½" regulator and gauge, multiport manifold, and couplers. Includes BK-1 mounting bracket, BV-051 ball valve.

Replacement Element: 3C-060

Literature Sheets: A024, A093

STEALTH 3250B
½" inlet filters dirt and oil with a 0-100 PSI oversized gauge and MA500-4 multiport manifold with quick disconnects. Includes BK-1 mounting bracket, BV-051 ball valve.

Replacement Element: 3C-060

Literature Sheets: A024, A035, A108

STEALTH 6060B
½" inlet dual-stage filter system with ⅜" regulator and gauge. Uses activated carbon to remove water, dirt, oil, oil vapor. Includes two BK-1 mounting brackets, BV-051 ball valve.

Replacement Elements:
   1st stage: 6960-1
   2nd stage: 3C-060

Literature Sheets: A019, A024

STEALTH 7000B/7800B
½" inlet filters dirt and oil to 0.01 micron and comes with ¼" regulator and gauge. Includes BK-1 mounting bracket, BV-051 ball valve. *STEALTH 7800B does not include regulator and gauge.*

Replacement Element: 3C-060

Literature Sheets: A023, A024

Paint Cup System

RTi's QRS Paint Cup System includes essentials in the painting and refinishing process. The QRS product line consists of cups, liners, collars, lids, and stoppers ranging in sizes from 3 oz. to 28 oz., good for solvent (190 μm) and waterborne (125 μm) paints. The QRS Paint Cup Packages are a complete system, ready to attach to the gun and go. All the parts in the QRS product line are corrosion-resistant to paint and thinner.

The QRS product line also includes spray gun adapters and dispensers (sold separately).

hard cup

stopper

collar

lid
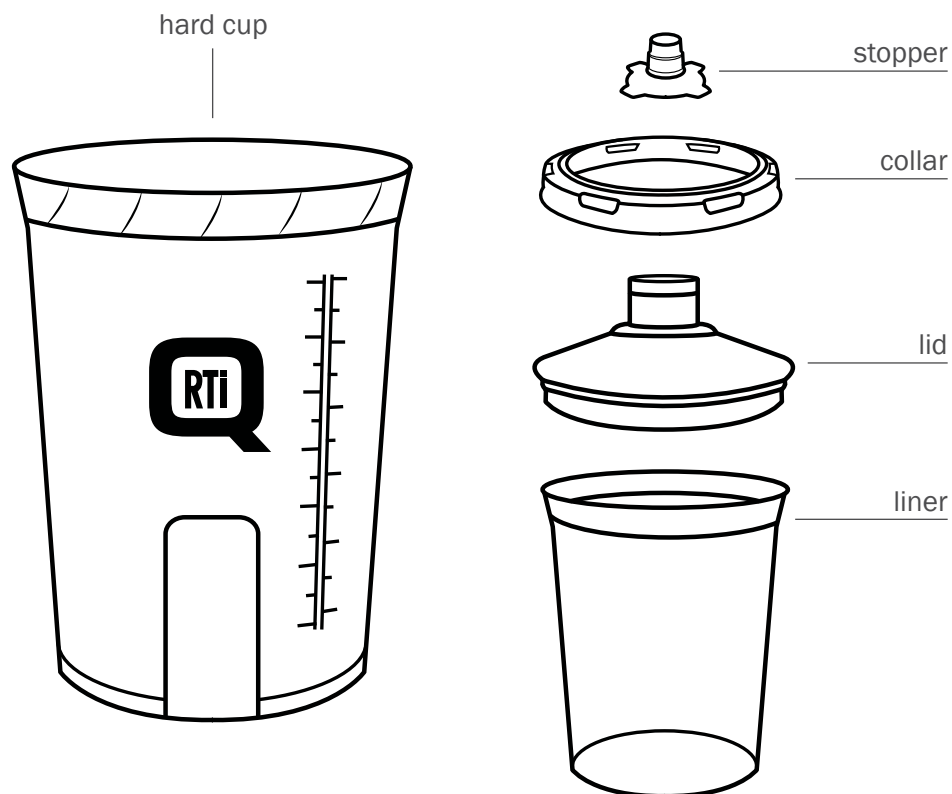
liner

SOLVENT		
Part Number	μm	oz.
QRS3S	190	3
QRS6S	190	6
QRS13S	190	13
QRS22S	190	22
QRS28S	190	28

| WATERBORNE		
Part Number	μm	oz.
QRS3W	125	3
QRS6W	125	6
QRS13W	125	13
QRS22W	125	22
QRS28W	125	28

Each QRS Paint Cup System Includes:
50 liners (with filter for either waterborne or solvent paints)
50 lids (with filter for either waterborne or solvent paints)
20 stoppers, **1** outer hard cup, **1** collar

QRS Paint Cup System Part Number Breakdown

Q R S 3 S

Quick Refinish Systems line

Size of cup (oz.)

Solvent (S) Waterborne (W)
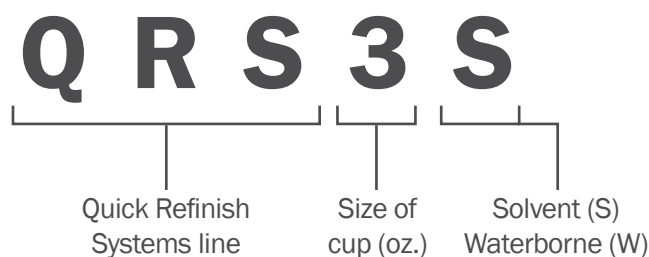
Hard Cup & Collars

Part Number	oz.	Quantity
QRS-HCC3	3	2
QRS-HCC6	6	2
QRS-HCC13	13	2
QRS-HCC22	22	2
QRS-HCC28	28	2

Lids

Part Number	oz.	µm	Quantity
QRS-L3-6S-50	3/6	190	50
QRS-L3-6W-50	3/6	125	50
QRS-L13S-50	13	190	50
QRS-L13W-50	13	125	50
QRS-L22-28S-50	22/28	190	50
QRS-L22-28W-50	22/28	125	50

Lid Dispenser

Part Number	Quantity
QRS-LDSP	1

Liner Dispensers

Part Number	oz.	Quantity
QRS-DSP6-13	6/13	1
QRS-DSP22-28	22/28	1

Cup Adapters

Part Number	Part Number	Part Number
QA21	QA27	QA35
QA22	QA29	QA36
QA23	QA30	QA37
QA23S	QA31	QA38
QA24	QA32	QA39
QA25	QA33	QA40
QA26	QA34	QA41

Coil/Spray Hoses

Part Number	Length (ft.)	NPT
RCH-05	5	¼"
RCH-10	10	¼"
RCH-15	15	¼"
RCH-20	20	¼"
RCH-25	25	¼"
RCH-35	35	¼"

RCH Hoses
Plastic polyurethane material conforms to the ROHS environment protection requirement. Anti kink and abrasion: long working life.

Literature Sheet: A073

SHC-35
Lightweight and tangle-free industrial polyester spraying hose. Won't mark or scratch surfaces, won't kink under pressure. Includes high flow coupler/plug. Available in 50' (SHC-050).

Literature Sheet: A076

Shop Hoses

PH35C/PH50C
High flow 35' & 50' conductive spraying hose.

Literature Sheet: A079

PH4C
¼" x 4' whip hose

Literature Sheet: A074

PH35NC
High flow 35' non-conductive shop hose. Available in 50' (PH50NC).

Literature Sheet: A079

RTi-SH-35-MM
35' shop hose. Available in 50' (RTi-SH-50-MM).

Literature Sheet: A041

Breathing Air Hoses

HVHA-B35C
35' non-gassing hose assembly.

Literature Sheets: A063, A064

HVHA-B50C
50' non-gassing hose assembly.

Literature Sheets: A063, A064

Corresponding Literature Sheets listed under items can be found on RTi's website: www.rti-pbe.com.

Perfect Air® Maintenance/Rebuild/Upgrade Kits

Add-on accessories and kits to get the most out of your Perfect Air® systems.

PERF-25-MK   **PERF-50-MK**   **PERF-50-MK-PRO**

PERF-25-RK   **PERF-50-RK**   **PERF-50-RK-PRO**

The PERF-25DDEMO is a great way to show shops the power of the PERF unit. It is a portable demo that is easily moved throughout shops where paint lines are being evaluated.

PERF-25-TC   **PERF-50-TC**   **PERF-50-TC**

PERF-25-TCMK   **PERF-50-TCMK**   **PERF-50-TCMKPRO**

Available Kits
Maintenance and Rebuild kits for the Perfect Air® units.

PERF-25: PERF-25-MK, PERF-25-RK, PERF-25-TC, PERF-25-TCMK

PERF-50: PERF-50-MK, PERF-50-RK, PERF-50-TC, PERF-50-TCMK

PERF-50-PRO: PERF-50-MK-PRO, PERF-50-RK-PRO, PERF-50-TCMKPRO
*PERF-50-PRO uses the PERF-50-TC Tower Change kit

Literature Sheets: A067, A068

PERF-25DDEMO
Dolly-mounted demo that is simple to get around, set up is done in a matter of minutes. Includes hand truck, mounting hardware for dryer, and fittings to attach the after filter to the dryer.

Note: The Perfect Air® 25 System is sold separately. Some light assembly is required.

Literature Sheet: A055

Rebuild/Upgrade Kits/Accessories

RT-676-RK
Rebuild kit for
competitor system.

Literature Sheets:
   A061, A074

RT-676-UG
Upgrade kit for
competitor system.

Literature Sheet: A061

RTi-D500-RK
Rebuild kit for
competitor system.

Literature Sheets:
   A061, A074

RTi-D500-UG
Upgrade kit for
competitor system.

Literature Sheet: A061

RTi-D500-UG2
Upgrade kit for
competitor system.

Literature Sheets:
   A061, A074

RTi-T10-RK
Rebuild kit for
competitor system.

Literature Sheets:
   A061, A074

RTi-T10-UG
Upgrade kit for
competitor system.

Literature Sheet: A061

NB-30
Replacement desiccant
element for competitor
system.

Literature Sheet: A031

RT30-KIT
Replacement desiccant
elements/indicator for
competitor system.

Literature Sheet: A061

D-05
5lbs. loose activated
alumina desiccant
(Available in 50lbs: D-50).

Literature Sheet: A074

PH35C/PH50C
High flow 35' & 50'
conductive spraying hose.

Literature Sheet: A079

RTi-SAF-0, -1, -2
Change out elements for
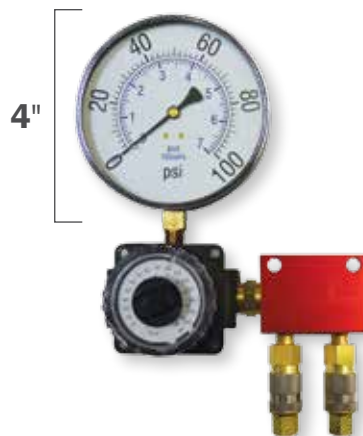competitor units.

Literature Sheet: A122

■ Precision Regulators

4"

RG4MAD
0-160 PSI gauge with glass face and multiport manifold with quick disconnects. Unit comes with two (2) ¼" NPT gauge ports, usually used for additional outlets, and ½" NPT inlet/outlet ports.

Literature Sheet: A124

R4DMG
0-100 PSI oversized 4" gauge with glass face for quick, easy reading, and multiport manifold with quick disconnects. Unit comes with two (2) ¼" NPT gauge ports, and ½" NPT inlet/outlet ports. Gauge is displayed in 2 lb. increments. Available without multiport manifold and quick disconnects: R4DG.

Literature Sheets: A101, A108

MRAS2XR
0-120 PSIG operating range for precision adjustment with large diaphragm that provides constant pressure to gun. ½" inlet and three ¼" quick disconnect outlets, chrome case, 0-160 PSI gauge with glass lens. Two additional full flow ½" NPT outlet ports available.

Literature Sheets: A069

■ Spray Gun Accessories

MR-1
Mini paint gun regulator with up to 30 SCFM, 0-60 PSIG operating range, ¼" inlet/outlet, and chrome glass lens gauge.

Literature Sheet: A029

CV-02
Cheater valve with ¼" NPT and 0-60 PSIG chrome glass lens gauge. Available without gauge: CV-NG.

Literature Sheet: A039

HPG-02S
Spray gun pressure analysis tool that is designed for applications where pressure is regulated on the wall. Supplied with 0-60 PSI gauge in 1 lb. increments.

Literature Sheet: A107

F/FR Series Filters

Features
- ¼" or ½"
- Adjustable 0-150 PSI regulator
- Low pressure drop
- Can be wall mounted or panel nut mounted
- Semi-automatic drain with manual override
- Filters to 5 micron
- Maximum pressure is 230 PSI
- Temperature range from 40ºF to 120ºF
- 30 SCFM and 80 SCFM rating
- F Replacement Elements: F250-E, F500-E
- FR Replacement Elements: FR250-E, FR500-E

Literature Sheet: A030

FR250-G/FR500-G   **F250/F500**

DIY Spray Applications

MD4

Features
- 1.0 micron, 4 layer filtration
- ½" inlet, ball valve, and manual drain
- Oil and humidity free air
- ¼" regulator with gauge
- Point-of-use installation
- Includes mounting bracket

Literature Sheet: A106

MD4
Mini Desiccant Dryer

MD4-1
Replacement Element

Corresponding Literature Sheets listed under items can be found on RTi's website: www.rti-pbe.com.

Shop Hoses and Quick Disconnects

PH35NC
High flow 35' non-conductive shop hose. Available in 50' (PH50NC).

Literature Sheet: A079

RTi-SH-35-MM
35' shop hose. Available in 50' (RTi-SH-50-MM).

Literature Sheet: A041

SHC-35
Spraying hose. Available in 50' (SHC-050).

Literature Sheet: A076

High Flow Couplers & Plugs
High quality brass construction suitable for high pressure applications. Available in ¼" (HFFC-1, HFMC-1, HFFP-1, HFMP-1) and ⅜" (HFFC-3, HFMC-3, HFFP-3, HFMP-3).

Literature Sheet: A115

Available Accessories

BK-1
Mounting bracket.

BV-051 / BV-075
½" brass ball valve,
¾" brass ball valve.

CV-02
Cheater valve with gauge.

EH-STAND-2
Demo stand for EH units.

HPG-02S
¼" straight-thru assembly
with gauge.

LTC-017
Shuttle valve.

MA500-4/MA500-5
¼" and ½" multiple outlet
manifold.

MRAS-2XR
Multi-regulator air station
*(Available without quick
disconnects: MRAS-2XRL).*

N32-95-979
Automatic float drain.

N32-W1-DPi
Differential pressure
indicator.

PB-C
High flow pencil blower.

PG-160
⅛" 0-160 PSIG gauge.

PH4C/HS-04-04
¼" x 4' whip hose,
½" x 4' whip hose.

RCH Coil Hoses
Anti-kink, anti-abrasion,
flexible plastic
polyurethane. Available
in the following sizes:
RCH-05, 5'; RCH-10, 10';
RCH-15, 15'; RCH-20, 20';
RCH-25, 25'

RG25/RG30/RG40
¼", ⅜", ½" regulator and
gauge assembly.

*Corresponding
Literature Sheets
listed under items
can be found on
RTi's website:
www.rti-pbe.com.*

RTi-QAT
Air quality test kit. Replacement filter disks:
RTi-QATMD (10 pack).

RTi-SG-651
½" sight glass with
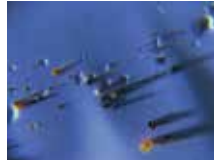humidicator paper.

RTi-SY9540
PERF solenoid valve.

Filter Comparison

Elements shown clear for demonstration only.

Air Line Contamination Examples

Examples of particulate found in air lines during an air audit.

Shop Layout Sketch Area

Air Audit Sheet

Company Name: _____   Date: _____

Address: _____   Email: _____

City, State, Zip Code: _____   Distributor: _____

Phone: _____   Contact Person: _____

Air Compressor:

Size (HP): _____

Tank (Gal): _____

Type: _____

Drained: Y   N   (circle one)   When: _____

How often: _____

Piping, Hoses & Couplers:

Material Type: _____   Hose Size: 1/4"   15/16"   3/8"

Size: _____

No. of Drains/Drops: _____

Filtered: Y   N   (circle one)

System: Dead End   or   Loop   (circle one)

ACFM Requirements: _____

ACFM: _____

Filters:
Brand you're using:

Refrigerated Dryer: Y   N _____   Drained: Y   N   (circle one)   How Often: _____

Filter Elements: Y   N _____   Date of Last Change: _____   How Often: _____

Desiccant Dryers: Y   N _____   Date of Last Change: _____   How Often: _____

Gun Filters: Y   N _____   Date of Last Change: _____   How Often: _____

Air Tests:

Location: _____

Compressed Air Dew Point: _____

Compressed Air Humidity @ 70°F: _____

Contaminants: _____

Type: _____

Air Flow Test (Pass/Fail): _____

Location: _____

Compressed Air Dew Point: _____

Compressed Air Humidity @ 70°F: _____

Contaminants: _____

Type: _____

Air Flow Test (Pass/Fail): _____

Recommendations: _____

_____

_____

_____

_____

Name of Representative: _____   Date: _____

**In order to make our air audit procedures more efficient and provide more in depth results for the shops, you can download an app called "Calculator of Air" (iPhone®) or "Michell Instruments" (Android™). You need to input 2 lines. The first is temperature which will always be 70° F (paint company recommended temperature). The second is the dew point from your QAT tester. Push enter and you will see the wet bulb number. This is a more accurate reading for the compressed air humidity percentage (CAH).

Compressed Air Specialists

RTi

The Makers of Perfect AIR®

Scan the code to go
directly to our website!

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