



Air Preparation Quick Reference Guide



WeAutomate



Corporate Overview

Proax Technologies is a leading national Technical Automation Distributor that offers innovative product solutions in the areas of: Automation & Robotics, Pneumatics, Industrial Controls, Mechanical Solutions, Motion Control & Machine Safety; creating close relationships with our valued customers, vendors and employees. Proax has an in house technical solution team that enables us to provide solutions dedicated to customer specific product or solution needs.

Our solutions & product offerings



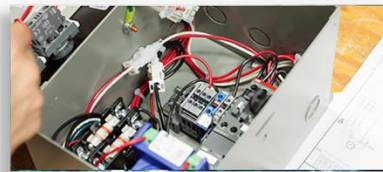
Automation & Robotics

Industrial Robots, Collaborative robots, mobile robots, control components, machine vision, HMI's, traceability and more!



Pneumatics

Actuators, air preparation equipment, directional control valves, sensors & switches, airline equipment connectors & more!



Industrial Controls

PLC's, controllers, enclosures, low voltage products, ethernet switches, networking, industrial components and more!



Mechanical Solutions

Machine bases, structures, extrusion frames, linear guideways, ball screws, custom solutions and more!



Motion Control

Drives, motion controllers, gear boxes, servo motors, conveyors, stepper motors, linear motion and more!



Machine Safety

Machine fencing & guarding, safety controllers, safety relays, safety switches, control devices, light curtains, and more!



12

LOCATIONS
coast to coast



4

DESIGN
and build shops



6

PROOF OF CONCEPT
centers



200+

EMPLOYEES
(and growing)



12+

MILLION
inventory



30+

INDUSTRIES



1962

IN MARKETPLACE
59+ years experience



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Particulate filters, c/w auto drain, 5.0 micron:

Product	Description	Flow rate At 100psi with pressure drop (CFM)
AF20-N01C-CZ-A	Filter 1/8" NPT c/w auto drain	37
AF20-N02C-CZ-A	Filter 1/4" NPT c/w auto drain	37
AF30-N03D-Z-A	Filter 3/8" NPT c/w auto drain	83
AF40-N04D-Z-A	Filter 1/2" NPT c/w auto drain	102
AF50-N06D-Z-A	Filter 3/4" NPT c/w auto drain	260
AF60-N10D-Z-A	Filter 1" NPT c/w auto drain	282

Regulators:

Product	Description	Max Flow rate (CFM) @ 100psi Inlet, 87psi set pressure
AR20-N01EH-Z-B	Regulator 1/8" NPT, 7-125psi	28
AR20-N02EH-Z-B	Regulator 1/4" NPT, 7-125psi	28
AR30-N03EH-Z-B	Regulator 3/8" NPT, 7-125psi	53
AR40-N04EH-Z-B	Regulator 1/2" NPT, 7-125psi	106
AR50-N06E-Z-B	Regulator 3/4" NPT, 7-125psi	353
AR60-N10E-Z-B	Regulator 1" NPT, 7-125psi	353



Lubricators

Product	Description	Flow rate At 100psi with pressure drop (CFM)
AL20-N01-3CZ-A	Lubricator 1/8" NPT	71
AL20-N02-3CZ-A	Lubricator 1/4" NPT	71
AL30-N03-3Z-A	Lubricator 3/8" NPT	134
AL40-N04-3Z-A	Lubricator 1/2" NPT	194
AL50-N06-3Z-A	Lubricator 3/4" NPT	219
AL60-N10-3Z-A	Lubricator 1" NPT	265

Particulate filter/regulator combos, 5.0 micron:

Product	Description	Max Flow rate (CFM) @ 100psi Inlet, 87psi set pressure
AW20-N01CEH-CZ-B	Filter/regulator combo 1/8" NPT c/w auto drain, 7-101 psi	28
AW20-N02CEH-CZ-B	Filter/regulator combo 1/4" NPT c/w auto drain, 7-101 psi	28
AW30-N03DEH-Z-B	Filter/regulator combo 3/8" NPT, c/w auto drain, 7-101 psi	53
AW40-N04DEH-Z-B	Filter/regulator combo 1/2" NPT, c/w auto drain 7-101 psi	106
AW40-N06DEH-Z-B	Filter/regulator combo 3/4" NPT, c/w auto drain 7-101 psi	141
AW60-N10DE-Z-B	Filter/regulator combo 1" NPT, c/w auto drain 7-125 psi	353



COMBOS: Filter (5.0 micron), regulator, lubricator (FRL):

Product	Description	Max Flow rate (CFM) @ 100psi Inlet, 87psi set pressure
AC20-N01CE-3CZ-B	Filter, c/w auto drain, regulator, 7- 125 psi, lubricator, 1/8" NPT	18
AC20-N02CE-3CZ-B	Filter, c/w auto drain, regulator, 7- 125 psi, lubricator, 1/4" NPT	18
AC30-N03DE-3Z-B	Filter, c/w auto drain, regulator, 7- 125 psi, lubricator, 3/8" NPT	71
AC40-N04D-3Z-B	Filter, c/w auto drain, regulator, 7- 125 psi, lubricator, 1/2" NPT	142
AC50-N06D-3Z-B	Filter, c/w auto drain, regulator, 7- 125 psi, lubricator, 3/4" NPT	178
AC60-N10D-3Z-B	Filter, c/w auto drain, regulator, 7- 125 psi, lubricator, 1" NPT	210

Gauges:

Product	Description
K40-MP0.2-N01MS	Gauge CBM 1/8" NPT, 0-30psi
K40-MP1.0-N01MS	Gauge CBM 1/8" NPT, 0-160psi
K50-MP1.0-N02MS	Gauge CBM 1/4" NPT, 0-160psi



Air/water separators:
Removes up to 99.9% of liquid water

Product	Description	Flow rate At 100psi with pressure drop (CFM)
AMG150C-N02D	Air/water separator, c/w auto drain, removes up to 99.9% of liquid water, 1/4" NPT	10
AMG250C-N03D	Air/water separator, c/w auto drain, removes up to 99.9% of liquid water, 3/8" NPT	26
AMG350C-N04D	Air/water separator, c/w auto drain, removes up to 99.9% of liquid water, 1/2" NPT	53
AMG450C-N06D	Air/water separator, c/w auto drain, removes up to 99.9% of liquid water, 3/4" NPT	77
AMG550C-N10D	Air/water separator, c/w auto drain, removes up to 99.9% of liquid water, 1" NPT	123
AMG650-N14D	Air/water separator, c/w auto drain, removes up to 99.9% of liquid water, 1-1/2" NPT	212
AMG850-N20D	Air/water separator, c/w auto drain, removes up to 99.9% of liquid water, 2" NPT	424



**Mainline filters 3.0 micron:
Removes Oil, Water, and Dirt.**

Product	Description	Flow rate At 100psi with pressure drop (CFM)
AFF2C-N02D-T	Mainline filter, c/w pre-filter and auto drain, 3.0 micron filtration, 1/4" NPT	10
AFF4C-N03D-T	Mainline filter, c/w pre-filter and auto drain, 3.0 micron filtration, 3/8" NPT	26
AFF8C-N04D-T	Mainline filter, c/w pre-filter and auto drain, 3.0 micron filtration, 1/2" NPT	53
AFF11C-N06D-T	Mainline filter, c/w pre-filter and auto drain, 3.0 micron filtration, 3/4" NPT	77
AFF22C-N10D-T	Mainline filter, c/w pre-filter and auto drain, 3.0 micron filtration, 1" NPT	123
AFF37B-N14D-T	Mainline filter, c/w pre-filter and auto drain, 3.0 micron filtration, 1-1/2" NPT	212
AFF75B-N20D-T	Mainline filter, c/w pre-filter and auto drain, 3.0 micron filtration, 2" NPT	424



Air/oil separators 0.01 micron:

Product	Description	Flow rate At 100psi with pressure drop (CFM)
AMH150C-N02D-T	Air/oil separator, 2 stage-filter and auto drain, 0.01 micron filtration, 1/4" NPT	7
AMH250C-N03D-T	Air/oil separator, 2 stage filter and auto drain, 0.01 micron filtration, 3/8" NPT	18
AMH350C-N04D-T	Air/oil separator, 2 stage filter and auto drain, 0.01 micron filtration, 1/2" NPT	35
AMH450C-N06D-T	Air/oil separator, 2 stage filter and auto drain, 0.01 micron filtration, 3/4" NPT	71
AMH550C-N10D-T	Air/oil separator, 2 stage filter and auto drain, 0.01 micron filtration, 1" NPT	141
AMH650-N14D-T	Air/oil separator, 2 stage filter and auto drain, 0.01 micron filtration, 1-1/2" NPT	212
AMH850-N20D-T	Air/oil separator, 2 stage filter and auto drain, 0.01 micron filtration, 2" NPT	424



**Paint Booth Filtration, air/water, air/oil, c/w regulator & bracket:
Removes 100% of liquid water, oil mist to 0.001 ppm & particulate down to 0.01 micron**

AMG + AMH + AR = AMPAINT

Product	Description	Flow rate At 100psi with pressure drop (CFM)
AMPAINT150C-N02	Paint booth filtration, water remover, oil mist remover, regulator, c/w gauge and mounting bracket, & auto drain, 1/4" NPT	7
AMPAINT250C-N03	Paint booth filtration, water remover, oil mist remover, regulator, c/w gauge and mounting bracket, & auto drain, 3/8" NPT	18
AMPAINT350C-N04	Paint booth filtration, water remover, oil mist remover, regulator, c/w gauge and mounting bracket, & auto drain, 1/2" NPT	35
AMPAINT450C-N06	Paint booth filtration, water remover, oil mist remover, regulator, c/w gauge and mounting bracket, & auto drain, 3/4" NPT	71
AMPAINT550C-N10	Paint booth filtration, water remover, oil mist remover, regulator, c/w gauge and mounting bracket, & auto drain, 1" NPT	141



IDFB Series Refrigerated Air Dryers, Pre-Filters & By-Pass Pipe Kits

(3 hp compressor) IDFB3E-11N (10 SCFM 115V) AFF4C-N03C-T IDF-BP302	Refrigerated Air Dryer Pre-filter 3/8" NPT By-pass pipe kit	(50 hp compressor) IDFB70-23N (166 SCFM 220V/1PH) AFF37B-N14D-T IDF-BP318	Refrigerated Air Dryer Pre-filter 1½" NPT By-pass pipe kit
(5 hp compressor) IDFB4E-11N (15 SCFM 115v) AFF8C-N04C-T IDF-BP303	Refrigerated Air Dryer Pre-filter 1/2" NPT By-pass pipe kit	(60 hp compressor) IDFB55E-30N-X224 (226 SCFM 230V/3PH) AFF75B-N20D-T IDF-BP325	Air Dryer Pre-filter 2" NPT By-pass pipe kit
(7.5 hp compressor) IDFB6E-11N (25 SCFM 115v) AFF11C-N06D-T IDF-BP304	Refrigerated Air Dryer Pre-filter 3/4" NPT By-pass pipe kit	(60 hp compressor) IDFB55E-46N (226 SCFM 460V/3PH) AFF75B-N20D-T IDF-BP325	Air Dryer Pre-filter 2" NPT By-pass pipe kit
(10 hp compressor) IDFB8E-11N (41 SCFM 115v) AFF11C-N06D-T IDF-BP304	Refrigerated Air Dryer Pre-filter 3/4" NPT By-pass pipe kit	(75 hp compressor) IDFB75E-30N-X224 (300 SCFM 230V/3PH) AFF75B-N20D-T IDF-BP325	Air Dryer Pre-filter 2" NPT By-pass pipe kit
(15 hp compressor) IDFB11E-11N (59 SCFM 115v) AFF11C-N06D-T IDF-BP304	Refrigerated Air Dryer Pre-filter 3/4" NPT By-pass pipe kit	(75 hp compressor) IDFB75E-46N (300 SCFM 460V/3PH) AFF75B-N20D-T IDF-BP325	Air Dryer Pre-filter 2" NPT By-pass pipe kit
(20 hp compressor) IDFB15E-11N (71 SCFM 115v) AFF22C-N10D-T IDF-BP316	Refrigerated Air Dryer Pre-filter 3/4" NPT By-pass pipe kit		
(30 hp compressor) IDFB60-11N (113 SCFM 115v) AFF22C-N10D-T IDF-BP317	Refrigerated Air Dryer Pre-filter 1" NPT By-pass pipe kit		

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