

PRODUCT SHEET:

RAMPTECH® BELLYCOOL DUCTING



Keep your cool.

Finally, it's cool to be in the baggage hold... Now baggage handlers can feel cool and stay cool even in extreme heat conditions. Introducing RAMPTECH® BellyCool. BellyCool is a special section of ducting designed to divert some air from the PCA unit and direct it into the baggage hold. BellyCool is easy to install and even easier to use.

Beat the heat, no matter how hot.

Compared to the ambient ramp temperature, the temperature inside the baggage hold is much warmer. On a hot day, the temperature rise in the baggage hold can be unbearable. RAMPTECH® BellyCool ducting delivers a regulated amount of Pre-Conditioned Air to the baggage hold by utilizing a small amount of air from the PCA delivery system. Not to worry, the amount of air diverted for this purpose does not impact the aircraft cooling process in any measurable way. In fact, the use of BellyCool has less impact on internal aircraft temperature than a single kink in the delivery duct.

How does it work?

A 4-1/2 inch (114 mm) wire reinforced duct is attached to the main supply line via an access point near the reducer. This connection utilizes a closable Velcro® joint. When closed, it is used like a standard reducer. The reducer and access port are located at the end of an 8 inch (203 mm) FlexLink. The length of FlexLink can vary to meet specific operational needs. The purpose of the FlexLink is to bring the reducer and BellyCool port to the ground, where the connection is easier to work with, eliminating the extra load that is lifted to the aircraft connection port.



Anticipating needs, meeting demands. Reducing cost.



Sage Parts
30 Hub Drive, Melville, NY 11747
+1.877.SAGE.877 | +1.631.501.1300 Tel
+1.631.501.1619 Fax
info@sageparts.com

www.sageparts.com

PRODUCT SHEET:

RAMPTECH® BELLYCOOL DUCTING



A cool unit, is a complete unit.

The BellyCool unit will consist of two or three parts: a reducer, a length of PCA ducting, and an optional piece of FlexLink. Below, you will see available sets and parts, including a recommended adaptor and some alternate PCA length options. Call Sage for any lengths or parts not shown here.

REDUCER, 12 INCH - 8 INCH, 14 INCH - 8 INCH WITH BELLYCOOL PORT

SAGE PART NUMBER	DESCRIPTION
BLC1408REDVC4	REDUCER, 14-8 BELLYCOOL WITH 4 FOOT FLEXLINK, VELCRO INLET, SOFT CUFF OUTLET
BLC1408REDVC6	REDUCER, 14-8 BELLYCOOL WITH 6 FOOT FLEXLINK, VELCRO INLET, SOFT CUFF OUTLET
BLC1208REDVC4	REDUCER, 12-8 BELLYCOOL WITH 4 FOOT FLEXLINK, VELCRO INLET, SOFT CUFF OUTLET
BLC1208REDVC6	REDUCER, 12-8 BELLYCOOL WITH 6 FOOT FLEXLINK, VELCRO INLET, SOFT CUFF OUTLET

4 1/2 INCH DUCTING

BLC0430FVC	DUCT, 4-1/2 INCH X 30 FOOT BELLYCOOL EXTENSION, FEMALE VELCRO INLET, SOFT CUFF OUTLET
BLC0430MVC	DUCT, 4-1/2 INCH X 30 FOOT BELLYCOOL MALE VELCRO INLET, SOFT CUFF OUTLET (used alone)
BLC0430MVMV	DUCT, 4-1/2 INCH X 30 FOOT BELLYCOOL, BOTH ENDS MALE VELCRO (used as lead if extension is required)
BLC0450MVC	DUCT, 4-1/2 INCH X 50 FOOT BELLYCOOL, MALE VELCRO INLET, SOFT CUFF OUTLET (used alone)
BLC0460MVC	DUCT, 4-1/2 INCH X 60 FOOT BELLYCOOL, MALE VELCRO INLET, SOFT CUFF OUTLET (used alone)

RAMPTECH® PCA ADAPTORS

MB828	ADAPTOR, RAMPTECH PCA 8 INCH
MB828SW	ADAPTOR, RAMPTECH PCA 8 INCH SWIVEL

TEE, STRAIGHT THROUGH WITH BELLYCOOL PORT*

BLC141404VVV	TEE, 14 X 14 WITH 4 INCH BELLYCOOL PORT, FEMALE VELCRO INLET, MALE VELCRO OUTLET, FEMALE VELCRO BELLYCOOL OUTLET
--------------	--

*Not shown

Sage Parts

30 Hub Drive, Melville, NY 11747

+1.877.SAGE.877 | +1.631.501.1300 Tel

+1.631.501.1619 Fax

info@sageparts.com

SAGE PARTS

Anticipating needs, meeting demands. Reducing cost.



www.sageparts.com